

Bechan Sharma, Ph.D.**Present Position & Official address**

Professor of Biochemistry (Cadre) & Ex-Chairman
Department of Biochemistry &
Dean, Faculty of Science
Ex-Dean, Faculty of Arts
University of Allahabad, Allahabad, 211 002, India
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Date and Place of Birth

June 10, 1960, Varanasi, India

My Live DNA

<http://livedna.net/?dna=91.5064>

Web page:

<http://membership.sciencepublishinggroup.com/bs>

Facebook :

<https://www.facebook.com/bechan.sharma.5>

Pubmed :

<https://pubmed.ncbi.nlm.nih.gov/?term=bechan+sharma>

Twitter :

@BechanS93819047

Linkedin :

<https://www.linkedin.com/in/bechan-sharma-a0691b21?originalSubdomain=in>
G-6836-2015

ResearcherID No.

<https://www.researchgate.net/profile/Bechan-Sharma>

Research Gate ID

<https://orcid.org/0000-0002-7835-9406>

Orcid ID:**Scopus ID:**

"Sharma, Bechan" 23025769900, Scopus author ID : 7403256269

Vidwan-ID:

281761

Google Scholar:

<https://scholar.google.co.in/citations?user=4oGXy3UAAA&hl=en>

PubMed articles:

<https://pubmed.ncbi.nlm.nih.gov/?term=+sharma+b.+university+of+allahabad>

**Educational Qualifications**

Certificates/ Degree	Name of Board / University	Year	Division / (% of Marks)	Subjects
High School (H.Sc.)	U.P. Board of Education, Allahabad, U.P., India	1976	First Division, (76.2 %)	Hindi, English, Maths*, Science* and Biology (*Distinction in Subjects)
Intermediate (I.Sc.)	U.P. Board of Education, Allahabad, U.P., India	1978	First Division, (68.4 %)	Hindi, English, Biology, Physics Chemistry*(Distinction in Subjects)
B.Sc. (Hons.)	Banaras Hindu University- Varanasi, U.P, India	1980	First Division, (60.7 %)	Botany, Zoology, Chemistry (Hons.)
M.Sc.	Banaras Hindu University- Varanasi, U.P., India	1982	First Division, (67.3 %)	Biochemistry
Ph.D.*	B.H.U.-Varanasi, U.P & CDRI-Lucknow, India	1988	Awarded by Thesis	Biochemistry

*Title of Ph.D. Thesis: "Purification and Characterization of Phosphofructokinase and Acetylcholinesterase from *Setaria cervi*, a Filarial Parasite".

Broad Research Areas: Molecular Biology, Virology, Tropical Disease Research, Biochemical Toxicology, Drug Development,
Free Radical Biology, Phytomedicine

Employment Details

Designation	Employment Date		Name of University	Responsibilities
Professor (Cadre)	12/02/2004	Continued (HoD, Feb. 2008- Feb. 2010; Dec 09, 2015-Dec 08, 2017, Aug. 2021-Aug. 2023)	University of Allahabad, Allahabad	Teaching, Research and Administrative
Professor (CAS)	18/01/2002	11/02/2004	Dr.RML Avadh University Faizabad-UP	Teaching, Research and Administrative
Reader (Cadre)	18/01/1994	17/01/2002	Dr.RML Avadh University Faizabad-UP	Teaching, Research & Administrative
Assistant Professor (Cadre)	01/08/1989	17/01/1994	Sher-e-Kashmir Univ. Sci. & Technol. Srinagar, J&K	Teaching, Research & Administrative
Senior Tech. Asst. Cum Asst.Prof. (Cadre)	27/11/1988	31/07/1989	Sher-e-Kashmir Univ. Sci. & Technol. Srinagar, J&K	Teaching, Research Administrative

Diploma / Certificates / Training

- 2011 **Chemical Safety Orientation**, University of Missouri-Columbia, USA, Sept 16, 2011
- 2008 **Bioinformatics Training** at CCMB-Hyderabad, February 9-15, 2009
- 2001 **Respiratory Test & Training for using BSL III**, UMDNJ-NJ Medical School, NJ, USA
- 2001 **Lab Safety & Biohazards Safety Orientation**, UMDNJ-NJ Medical School, NJ, USA
- 2000 **Radiation Safety Orientation**, UMDNJ-NJ Medical School, Newark, NJ 07103, USA
- 1982 **Yoga Certificate**, Banaras Hindu University-Varanasi, UP, India
- 1978 **NCC B-Certificate** as a Sergeant, Government of India

Awards / Honours

- 2024 **Ranked in the top 2% of World Scientists by Stanford University-NY, USA** Published on 19th September 2024
- 2024 **Global Health Award by Volkswagen Foundation** for attending Keystone Symposia at Hannover, Germany on **HIV and (Re)Emerging Viruses: Aligning Lessons Across Pandemics** during April 08-11, 2024.
- 2023 **Ranked in the top 2% of World Scientists by Stanford University, NY, USA** Published on 17 October 2023
- 2023 **Birendra Singh Memorial Glocal Award for Social Service by GESA-New Delhi** on December 29, 2023 at Dr.RML Avadh University, Ayodhya, UP, India
- 2023 **Award for Excellence in Academics and Research by University of Allahabad, Prayagraj**, March 2023
- 2022 **Ranked in the top 2% of World Scientists by Stanford University, NY, USA** Published on 17 October 2022
- 2022 **Paryavaran Ratan Award**, awarded by **Asian Biological Research Foundation (ABRF)**, Prayagraj, December 23-24, 2022, in the International Conference on Environment & Society (4th ICES 2022) at Jiwaji University, Gwalior, MP.
- 2022 **Scholarship (Euro 477.5) awarded by Virology Education, The Netherlands** for attending International Workshop on HIV & Aging 2022, a virtual meeting held on October 13-14, 2022.
- 2022 **Scholarship (Euro 450) awarded by the Virology Education, The Netherlands** for attending 'HIV Prevention Asia-Pacific Meeting 2022' in virtual mode on August 10, 2022.
- 2022 **Full Registration fee waiver** was awarded to present my invited talk on 'The antimicrobial and antiHIV-IRT properties of *Parthenium hysterophorus* leaves extract' in the "10th World Congress on Control and Prevention of HIV/AIDS, STDs & STIs" organised by ConferenceSeries.com at Berkshire in UK for two days i.e. July 20-21, 2022.
- 2022 **Scholarship (Euro 375) awarded by Virology Education, The Netherlands** for attending 'Asia-Pacific AIDS and Co-infections Virtual Conference' on June 16-18, 2022.
- 2022 **Full Registration fee waiver** was awarded by the prestigious **European Accreditation Council for Continuing Medical Education (EACCME)** to attend a conference on 'Asian Stigma & Discrimination Forum 2022' at Netherlands on June 13, 2022.
- 2022 **Full Registration fee waiver** was awarded by the prestigious **European Accreditation Council for Continuing Medical Education (EACCME)** to attend an International Workshop on 'COVID-19 Vaccines 2022' from June 07 -08, 2022
- 2022 **Scholarship (\$550) was awarded by The International AIDS Society (IAS) of USA** to attend a conference on 'Implementation and clinical management of injectible antiretrovirals for HIV treatment' on May 18, 2022.
- 2022 **Scholarship (Sterling 397) was awarded by the Academic Medical Education (ame) and University of Liverpool-United Kingdom (UK) to attend 'The Course on Clinical Pharmacology of SARS-CoV-2 Antivirals'** on 17 May 2022.
- 2022 **Scholarship (Euros 475) awarded by Virology Education, The Netherlands**, to participate in the '**HIV PREVENTION REVIEW MEETING 2022**' Utrecht (livestream), Netherlands, on 30/03/2022-31/03/2022.
- 2021 **Scholarship (Euros 475) awarded by The Virology Education, The Netherlands for attending 'International Workshop on Monoclonal Antibodies for HIV, COVID-19, and Oncology 2021'** online from November 29-30, 2021.
- 2021 **Scholarship (Euros 425) awarded by The Virology Education, The Netherlands for attending Virology Education-The Netherlands and AIDS-Impact to attend their International Webinars about the conference on 'CoVID-19: Clinical Management Workshop'** on November 16, 2021
- 2021 **Ranked in the top 2% of World Scientists** <https://elsevir.digitalcommonsdata.com/.../d1a08dbe-1a4d...> by **Stanford University** Published on 19 October 2021|Version 3|DOI:10.17632/btchxktzyw.3, In: "Updated science-wide author databases of standardized citation indicators"
- 2021 **Full Registration fee waiver** was awarded by the prestigious **Virology Education, The Netherlands** to attend a conference on Nurses & Pharmacists HIV Clinical Forum 2021 on October 09, 2021.
- 2021 **Full Registration fee waiver** was awarded by the prestigious **Virology Education, The Netherlands** to attend a WORKSHOP ON HEALTHY LIVING WITH HIV 2021 on October 1-2, 2021
- 2021 **Scholarship awarded by Virology Education, The Netherlands** for attending **Conference on Liver Disease in Africa (COLDA) 2021** held on 9-11 September 2021
- 2021, **Scholarship awarded by International AIDS Society (IAS)-Geneva, Switzerland**, to participate in the 11th IAS Conference on HIV Science (IAS 2021), Switzerland, held on July 18-21, 2021.
- 2021 **Scholarship awarded by Virology Education, The Netherlands** for attending a workshop on **HIV Pediatrics 2021** held

on July 16-17, 2021.

- 2021. Scholarship awarded by Keystone Symposia, USA** for attending the conference on HIV Prevention Review Meeting 2021, held on June 1-4, 2021.
- 2021. Scholarship for Euro 375 (Discount code) awarded by Virology Education, The Netherlands** to participate in webinar of **CoVID19 Clinical Forum 2021** organised by Virology Education, The Netherlands on April 20, 2021.
- 2021. Scholarship (Euro 353) awarded by Virology Education, The Netherlands** to participate in **Asia-Pacific HIV Clinical Forum 2021: Optimizing Treatment**, June, 14-15, 2021.
- 2021. Scholarship {Euro 397} (Discount code: WOMENSCHOL21) awarded by Virology Education, The Netherlands** to participate in the **International Workshop on HIV & Women 2021**, to be held on 26 - 28 April 2021
- 2020 Scholarship of US\$425 by Virology Education, The Netherlands** to participate in the **International Workshop on HIV Pediatrics 2020** to be held on Virtual, 16-17 November, 2020,
- 2020 Conference Participation Grant, Virology Education, The Netherlands** to participate as in a virtual IPACC 2020 Conference held from October 15-17, 2020.
- 2020 Life Time Achievement Awards** by Asian Biological Research Foundation (ABRF), Prayagraj, India on February 24, 2020 in an International Conference
- 2019 Conference Participation Grant, Virology Education, The Netherlands** to participate as a Resource Person in Tokyo HEV Clinical Forum (HEPCF), at Tokyo, Japan, October 27-29, 2019.
- 2019 Senior Scientist Award by Glocal Environment & Social Association (GESA) on May 21-22, in Conference on our Biodiversity, our food & our health (gcbd 2019) Allahabad.** (http://www.gesa.org.in/award_conferred.php)
- 2019 Conference Participation Grant, Virology Education Foundation, The Netherlands** to participate as a Resource Person in HIV and AIDS Workshop at Tokyo, Japan, May 6-8, 2019
- 2019 Life Time Achievement Award** by Society of Bioinformatics and Biological Sciences, India on April 5, 2019 in the International Conference on Advances and Innovations in Biotechnology for Sustainable Development at AKS University, Satna, MP, India
- 2019 Fellow, Asian Biological Research Society (FABRS)- Prayagraj**
- 2019 Fellow, Bioved Research Society (FBRs), Prayagraj** on February 16, in the 21st National Agricultural Scientists and Farmers' Congress held at Sringverpur, Prayagraj
- 2018 Outstanding Reviewer award for the journal, Toxicology Research, published by Royal Society of London, UK** (https://blogs.rsc.org/tx/?doing_wp_cron=1619370798.6194949150085449218750)
- 2018-19 Bentham Ambassador, Bentham Science Publishers, Dubai, UAE**
- 2018 Best Article Award by EC Pharmacology and Toxicology, ECronicon Open Access, UK**
- 2018 Conference Participation Grant, Virology Education Foundation, The Netherlands** to participate in 3rd Asia Pacific Conference on AIDS & Co-Infections (APACC): Translating Science and Clinical Practice, Hong Kong, June 27-30.
- 2017 Prof. RC Dalela Oration Award**, by Academy of Environmental Biology at CCSU-Meeut, on November 24.
- 2017 Conference Participation Grant, Virology Education Foundation, The Netherlands** to participate in 2nd Asia Pacific Conference on AIDS & Co-Infections (APACC): Translating Science and Clinical Practice, Hong Kong, May 31-June 03.
- 2015 Excellence in Teaching and Research Award by Society for Bioinformatics and Biological Sciences, Allahabad, India**
- 2015 Senior Scientist Fellowship Award in Biomedical Sciences by Indian Council of Medical Research (ICMR), Govt. of India–New Delhi**, to work with Dr. Samuel Wilson, NIEHS-NC, USA
- 2012 Distinguished Academician Honour at 'Edushine 2012' by United Group of Institutions at Allahabad** on May 25, 2012.
- 2009 Archana Gold Medal** by Academy of Environmental Biology, India at ICRISAT-Hyderabad, India on November 20-21.
- 2009 International Travel Fellowship Award (US\$ 1500)** by International Union of Toxicologists (IUTOX), Sun City, South Africa
- 2007 Full Conference Participation Grant by Kuwait University, Kuwait on May 16-19 to be an Invited Speaker**
- 2004 Visiting Professor**, King Saud University, Riyadh, Saudi Arabia (1 Year, unavailed)
- 2004 Fellow of Academy of Environmental Biology (FAEB), India**
- 2004 Consultant to the Fourth Editorial Board** of Journal of Environmental and Occupational Medicine (JEOM), Shanghai, China
- 2002 Research Excellence Award** which I received as a member of Department of Biochemistry & Molecular Biology of UMDNJ, NJ, USA.
- 2000-2 Visiting Research Fellowship Award** for 03 years at UMD-NJ Medical University, USA
- 1998 Young Scientist Award** by Indian Council of Chemists, India
- 1996-97 Chinese Government Fellowship Award**, MHRD, Govt. of India (unavailed)
- 1996 UNESCO-Nominee** for attending a workshop on large scale protein purification and applications in the production of therapeutic products at Biotechnology at National Research Center for Genetic Engineering and Biotechnology, Tehran, (November 30-December 05, 1996,) Iran
- 1988 Young Scientist Award** by Indian Society for Parasitologists, India
Website: <http://www.parasitologyindia.org/awards.htm>
- 1986-8 Senior Research Fellowship (CSIR) Award**
- 1984-6 Junior Research Fellowship (CSIR) Award**
- 1983 Qualified National Eligibility Test (NET), CSIR-New Delhi**
- 1982 Qualified Graduate Aptitude Test in Engineering (Life Sciences), 89.2 percentile**
- 1974-80 National Talent Search Scholarship** through Eligibility Test

Professional / Administrative Experience

2025 Member, State Clean Ganga Mission-UP

2025 Member, Organising Committee, 7th European Congress on Infectious Diseases to be held at H10 Roma Città, Rome,

Italy, during September 11-12, 2025 (Website: [nhttps://crgconferences.com/infectiousdiseases/committeemembers](https://crgconferences.com/infectiousdiseases/committeemembers))

2024 Dean (In Charge), Faculty of Arts, University of Allahabad, Comm.Sec/2024/2421, dated-23.09.2024. Joined on September 24, 2024 till further order

2024 Represented University of Allahabad as a Dean, Faculty of Science, in a High-Level Meeting on **I-STEM implementation in HEIs**, Organised by Secretary, **Ministry of Higher Education, New Delhi** on September 13, 2024

2024 Member, Executive Council, University of Allahabad, Allahabad, from July 25, 2024 till June 09, 2025 vide letter no. Comm.Sect./2024/2411, Dated-25-07-2024.

2024 Member, Academic Advisory Committee of the UGC-Malviya Mission for Teachers Training Center, University of Allahabad

2024 Keynote speaker, Global Meet on Biotechnology and Bioscience, be held in Florence, ITALY during March 14-16, 2024. (Website: <https://primemeetings.org/2024/biotechnology-bioscience/speakers>)

2024 Chairman, Symposium on Indigenous Technologies for Viksit Bharat and National Science Day 2024 Celebration, University of Allahabad, Prayagraj.

2024 Member, Advisory Committee, International Conference on Recent Advances of Probability and Statistics in Interdisciplinary Research (RAPSIR) February 6-8, 2024, University of Allahabad, Prayagraj

2023 Organising Committee Member, 3rd World Conference on Bioscience and Biotechnology to be held during October 23-24, 2023 at London in United Kingdom.

(Website: <https://eurasiacferences.com/events/london/2023/bioscience-and-biotechnology/committee>)

2023 Member, Executive Council, VBS Purvanchal University, Jaunpur, UP, September 2023.

2023 Organising Committee Member, International Experts Summit on Biomedical Engineering and Biotechnology (IESBEB2023), September 11-13, 2023 Tokyo, Japan.

(Website: <https://www.meghazmeetings.com/iesbeb-2023/conference/committees/>)

2023 Member, Organising Scientific Committee-GSBES2023, to be held at Brussels, Belgium on May 25-27, 2023.

(Website: <https://www.thescientist.com/2023/biomedical-engineering/organizing-committee>)

2023 Member, Organising Committee, 2nd World Conference on Bioscience and Biotechnology, to be held in Paris, France on

May 15-16, 2023. (<https://eurasiacferences.com/events/paris/2023/bioscience-and-biotechnology/committee>)

2023 Member, Organising Committee, 52nd World Congress on Microbiology, held on May 04-05, 2023, in London, UK.

2023 Organising Committee Member, World Conference on Cardiology and Cardiovascular Research, May 18-19, 2023 at Barcelona, Spain

(website: <https://eurasiacferences.com/events/barcelona/2023/cardiology-and-cardiovascular-research/committee>)

2023 Patron, Organising Committee, A workshop on 'Geospatial distribution and sustainable water conservation' on March 20,

2023, at the Center for Atmospheric and Ocean Studies, at the Nehru Science Center of University of Allahabad.

2023 Patron, Organising Committee, A workshop on 'Climate Change and Vegetation Dynamics' on National Science Day celebration on March 17-20, 2023, at DD Pant Auditorium, Botany Department of University of Allahabad.

2023 Member, Advisory Committee, National conference on emerging trends in Bioinformatics for agriculture, food and Health at SHUATS-Naini, Allahabad on March 15-16, 2023.

2023 Patron, A symposium on Human Health and Diseases with special reference to Reproductive Health in Young Woman organised by Department of Zoology, University of Allahabad on March 15, 2023,

2023 Member, Organising Committee, 4th International Conference on Drug Discovery Chemistry, Osaka, Japan, March 13-15,

2023. (<https://drugdiscovery.alliedacademies.com/2020/organizing-committee>)

2023 Patron, Organising Committee, A workshop on 'Instrumentation in Chemical analysis' on March 11, 2023, at JK Institute

of University of Allahabad.

2023 Patron, Organising Committee, A Symposium on 'Science and Humanity' & National Science Day Celebration on February 28, 2023, at DD Pant Auditorium, Botany Department of University of Allahabad.

2023 Member, Executive Council (EC), University of Allahabad, February 23, 2023 vide university order no. Comm.Sec./2023/1684; Dated-23.02.2023 till June 13, 2024

2023 Member, Governing Body, Shyama Prasad Mukherjee PG College, Phaphamau, Prayagraj, vide DCD/397/2023, dated-

14.02.2023 for 3 years. University ordinance 2008, XXXV Clause 5 (a) (ii)UoA, From the panel of EC.

2022 Advisor, ASRB, Pusa-New Delhi on the Selection Committee for conducting Viva Voce of the candidates in connection with the ARS Examination 2021 for recruitment to the posts of Scientist in ICAR in the Pay Level 10 - Rs.

57,700- Rs. 1,82,400 in Plant Biochemistry. December 13, 2022

- 2022 Member**, Organising Committee, Eurasia Conferences; World Conference on **Traditional And Alternative Medicine**, November 7-8, Bangkok - 2022 (Website: <https://eurasiaconferences.com/events/bangkok/2022/world-conference-on-traditional-and-alternative-medicine/committee>)
- 2022 Member, Institutional Animal Ethics Committee (IAEC)**, UoA, Allahabad
- 2022 Member, Organising Committee**, EurasiaConferences2022 for ‘World Conference on Medicine and Healthcare’ and ‘Traditional and alternative medicine’ November 07-08, 2022 Bangkok, Thailand.
Website:<https://eurasiaconferences.com/events/bangkok/2022/world-conference-on-traditional-and-alternative-medicine/committee?fbclid=IwAR363mG8tpxGZhzczUwcyjKem3M8NgEBXLDRtZyR7bCHf62IBNHJAPPQLoA4>
- 2022 Member, Organising Scientific Committee**, for the Global Meet on Biomedical Engineering and Systems (GMBIOMED2022) to be held during December 01-03, 2022 at Bangkok, Thailand.
<https://primemeetings.org/2022/biomedical-engineering-systems#speakers>
- 2021 Member**, Advisory Board, Centre of Excellence in Life Sciences, Noida, UP, India
- 2020 Member, Organising Committee**, Global Summit on Biomaterials and Applications GSBA-2020, Valencia-Spain, October 26-27, 2020. <https://www.thescientistt.com/biomaterials-conference/organizing-committee.php>
- 2020 Member, Organising Committee**, International Conference on Nursing and Health Care, Nursing-2020, Science Wide, Vancouver, Canada, (<http://sciwide.com/Nursing-2020/committee.php?evid=1>)
- 2020 Member, Organising Committee**, CPD accredited 2nd International Conference on Biochemistry and Enzymology, Amsterdam, The Netherlands, May 18-19, 2020.
- 2020 Member, Advisory Committee**, Recent Development & Applied Biotechnology, **National Seminar cum Workshop**, IIT-Allahabad, March 06-08, 2020 (<https://rdab.iita.ac.in/>)
- 2019 Observer, UP Higher Education Commission, Allahabad** on Dec. 15, 2018 & Jan.12,2019
- 2019 Member, Scientific Committee, Global Conference on Toxicology, San Antonio, USA, August 06-07, 2019.** (<https://www.pagesconferences.com/toxicology-globalevents/>)
- 2019 Member, Organising Committee, 2nd World Congress and Expo on Toxicology and Pharmacology**, October 28-29, 2019 | Rome, Italy (https://biocoreconferences.com/toxicology-congress-2019/organizing_committee.php)
- 2019 Member, Organising Committee, World Congress on Biochemistry and Enzymology**, to be held at Amsterdam, The Netherlands, during March 25-26, 2019 (<http://biochemistrycongress.alliedacademies.com/organizing-committee>)
- 2019 Member, Organising Committee, Annual Congress on Toxicology and Pharmacology**, to be held at Oslo, Norway during May 30-31, 2019 (<https://toxicology.euroscicon.com/organizing-committee>)
- 2019 Member, Organising Committee**, 7th International Congress and Expo on Biotechnology and Genetic Engineering conference which is to be held in Paris, France.
- 2019 Member, Organising Committee, 3rd International Conference & Expo on HIV & AIDS**. February25-26, Durban, South Africa. (<https://scientificfederation.com/hiv-aids-2019/committee.php>)
- 2019 Track Chair, Pharmaceutical Research and Development, 8th International Congress on drug Discovery and Therapy, United Nations Conference Centre (UNCC)**, Bangkok, Thailand, February 13 - 15, 2019.
- 2018 Member, National Advisory Board**, National Conference on ‘Role of modern biological sciences for enhancing farmers’ economy and welfare of the society’, Nov.12-13, Faculty of Science, RRPG-College, Amethi, UP
- 2018 Member Organising Committee-Toxicology 2018**, Annual Congress on Toxicology and Pharmacology, Amsterdam, The Netherlands, July 30-31. (<https://toxicology.euroscicon.com/organizing-committee#>)
- 2018 Member Organising Committee**, International Conference and Exhibition on Biochemical & Molecular Engineering October 07-08, 2013 Hilton San Antonio Airport, USA; (<http://www.omicsgroup.com/conferences/biomolecularengg2013/organizing-committee.php>)
- 2018 Member Organising Committee, 4th International Conference and Expo on Herbal and alternative Medicine**, to be held at Rome, Italy July 26-27, (<http://herbal.alliedacademies.com/organizing-committee>)
- 2018 Invited Speaker, The 6th International Conference on Catalysis (ICC 2018)**, to be held in Kunming China during July 14-16, 2018 (<https://www.papercrowd.com/c/the-6th-intl-conference-on-catalysis-icc-2018/2867>)
- 2018 Invited Speaker, International Conference on Trends in Biochemical and Biomedical Research: Advances and Challenges (TBBR 2018)** to be held at BHU Varanasi on February 13-15, 2018
- 2018 Member, Scientific Advisory Board, PCS-2nd international Conference on Neuroscience (ICN 2018)** to be held at Prague, Czech republic during April 28-29, 2018
- 2018 Resource Person**, National Symposium cum Bioinformatics Workshop at AMU-Aligarh, March 20-21: The Interdisciplinary Unit of Biotechnology
- 2017 Invited Speaker, International Conference on Advances in Biomedicine and Biomedical Engineering (ICABBE)**
6th International Conference on Biotechnology and Bioengineering (ICBB), Sept 26-28, Offenburg, Germany
- 2017 Member, Advisory Board, International Institute of Disaster Management (IIDM)**, Lucknow (<https://www.iidmlucknow.com/organizational-overview/>)
- 2017 Member, Universal Researchers** (http://uruae.org/single_committee.php?committee=CBMSR)
- 2017 Invited Speaker, International Conference on Medical and Clinical Microbiology**, July 03-04, Avanti Atrium, Bangkok, Thailand (<http://clinicalmicrobiology.conferenceseries.com/asiapacific/ocm/2017/dr-bechan-sharma-allahabad-university-india>)
- 2017 Invited speaker, BIT’s 1st World Congress of Biomedical Engineering 2017**, November 9-11, Xi’an, China

- 2017 Conference Participation Grant, Virology Education, Netherlands** to participate in 2nd Asia Pacific Conference on AIDS & Co-Infections (APACC):*Translating Science and Clinical Practice, Hong Kong, May31-June 03.
- 2016, Member, Organising Committee, 5th International Conference on Biotechnology and Bioengineering, ICBB2016**, Dec. 8-10, 2016 Bangkok, Thailand
- 2016 Member**, Organising Committee, 7th World Congress on Microbiology, November 28-29, 2016 Valencia, Spain
- 2016 Member**, Reviewer Board, [2016 IN INTERNATIONAL CONFERENCE ON CHEMICAL, AGRICULTURAL AND BIOLOGICAL SCIENCES \(ICCABS-16\)](http://www.cbmsr.org/conf-reviewr-committee.php?slug=CABS-16&sid=2&catdid=125) (WEBSITE: [HTTP://CBMSR.ORG/CONF-REVIEWR-COMMITTEE.PHP?SLUG=CABS-16&SID=2&CATDID=125](http://cbmsr.org/conf-reviewr-committee.php?slug=CABS-16&sid=2&catdid=125))
- 2016 Member, National Advisory Board, International Conference on Current Scenario and Prospects of Nanotechnology and Biostatistics**, UPRTOU-Allahabad, February 25-26.
- 2016 Member, International Advisory Committee, Biosangam 2016, International Conference on Translational Biotechnology**, MNIT-Allahabad, February 4-6.
- 2016, Member, Reviewer Committee, International Conference on Food, Agriculture and Biological Sciences (ICFABS-2016)**, (<http://cbmsr.org/conf-reviewr-committee.php?slug=ICFABS-2016&sid=2&catdid=129>)
- 2016 Member, National Advisory Board, International Conference 2016 on Current Scenario and Prospects of Nanotechnology and Bio-Statistics**. UP Rajarshi Tandon Open University, Allahabad, February 25-26, 2016
- 2016, Member, Organising Committee, 5th International Conference on Biotechnology and Bioengineering, ICBB2016**, Dec. 8-10, 2016 Bangkok, Thailand
- 2016 Member, Organising Committee, 7th World Congress on Microbiology**, November 28-29, 2016 Valencia, Spain
- 2016 Member, Reviewer Board, 2016 INTNATIONAL CONFERENCE ON CHEMICAL, AGRICULTURAL AND BIOLOGICAL SCIENCES (ICCABS-16)** (WEBSITE: [HTTP://CBMSR.ORG/CONF-REVIEWR-COMMITTEE.PHP?SLUG=CABS-16&SID=2&CATDID=125](http://cbmsr.org/conf-reviewr-committee.php?slug=CABS-16&sid=2&catdid=125))
- 2016 Member, Organising Committee, International Conference on Neurooncology 2016** during July 21-23, 2016 at Brisbane, Australia
- 2015 Member, Management Council**, K.S. Institute of Research and Training, Lucknow, UP, India
- 2015 Resource Person, Workshop on Current Advances in Bioinformatics at MNIT-Allahabad, India;** January 16-22, 2015
- 2015 Member, Advisory Committee, National Conference on Bioinformatics Panorama in Agriculture and Health (NCBPAH)**, SHIATS-Naini, Allahabad, October 5-6. (<https://ncbpah2015.wordpress.com/people/>)
- 2015 Resource Person, RESEARCH TRAINING FELLOWSHIP FOR DEVELOPING COUNTRY SCIENTISTS (RTF-DCS); Centre for Science & Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre)-New Delhi, 2015-16,**
- 2015 Member, Advisory Committee**, National Seminar on 'Science and Technology for Human Welfare', March 14-15, 2015. University of Allahabad Chapter of National Science Congress Association, India
- 2015 Member, Programme Technical Committee**, International Conference on Pharmaceutical Sciences, Jan.15-21, 2015, Dubai
- 2014 Member, Scientific Committee**, 6th International Academic Conference on Environmental and Occupational Medicine to be held in Suzhou, China, October 16-18, 2014 (<http://www.iceom2014.com/weben/Committees.asp>)
- 2014 Subject Expert (Biochemistry), Member UP Higher Education Commission**, Allahabad
- 2014 Subject Expert (Biochemistry), Member, UP Public Service Commission**, Allahabad
- 2013 Member, Organising Committee**, International Conference and Exhibition on Biochemical and Molecular Engineering" held at Hilton San Antonio Airport, USA **October 07-09** (Web site: <http://www.omicsgroup.com/conferences/biomolecularengg2013/committee.php>)
- 2013 Member, Organising Committee, International Conference on Biomolecular Engineering, 2013**, January 13-16, 2013. Hyatt Regency Pier 66, Fort Lauderdale, FL, USA (http://www.omicsgroup.com/conferences/ACS/conference/pdfs/BioMolecularengg-2013_brochure.pdf)
- 2013 Co-Chair with Prof. Ivar Giaever, a Nobel Laureate in Physics**, for an Interactive Session of 6th Science Conclave, IIT-Jhalwa, Allahabad, UP, India, December 8-13, 2013
- 2013 Resource Person, Workshop on Current Advances in Bioinformatics at AMU-Aligarh**, India from March 13-14, 2013.
- 2013 Member, Advisory Committee, Indian Science Congress Association** (Allahabad Chapter) National Seminar on Exciting Frontiers of Research in Sci. & Tech., Feb 28-March 1, 2013.
- 2013 Resource Person, Workshop on Advances in Immunology, KGMU-Lucknow, India** from February 23-24, 2013.
- 2012 Resource Person, INSPIRE programme-Biology Section, Science Conclave of Nobel Laureates, IIT-Jhalwa, Allahabad, India** from December 8-14, 2012
- 2012 Member**, Screening Committee for applications towards faculty recruitment in **Biochemistry, Biotechnology and Home Science**, University of Allahabad, India
- 2012 November 09-10, 2012, Member, Organising Committee**, Seminar on Science for Shaping Future of India. Allahabad Chapter of Indian Science Congress Association, Allahabad.
- 2012 November 22-24, 2012, Member, Organising Committee**, 3rd International Conference & Exhibition on Analytical and Bioanalytical Techniques"(Analytica-2012) to be held at Hyderabad International Convention Center, Hyderabad, India. (Web site: <http://www.omicsonline.org/analyticaacta2012/scientific-programme.php?day=2&sid=264>)
- 2012, Member**, Screening Committee for Faculty Recruitment- Biochemistry, Biotechnology and Home Science, University of Allahabad-India

- 2011, Member**, Research Project Reviewing Board of Department of Biotechnology- Govt. of India
2011, Member, Research Project Reviewing Board of UP-Council of Science and Technology-Lucknow, India
2011 Sept 7-November 18, 2011; Visiting Professor, University of Missouri-Columbia, USA
2010 July-31-August 03, Scientific Advisor Board & Co-organizer, BIT's First World Congress of Virus and Infections 2010 (WCVI-2010), Busan, Korea
 (Website: <http://www.bitlifesciences.com/wcvi2010/Organizers&SAB.asp>)
2010 May 15-July 15, 2010 Visiting Professor, Institute of Molecular Medicine, University of Lubeck, Germany
2010 May 09-10, Convener, Interactive Workshop on Biotechnology, Jointly organized by Department of Biochemistry, University of Allahabad & the National Academy of Sciences of India-Allahabad, India
 (Website: <http://www.nasi.org.in/Regular%20Activities.htm>)
2010 April 07-10, Member, Scientific Committee, 5th International Academic Conference on Environmental and Occupational Medicine (ICEOM), Sichun Province, China,
 (Website: <http://www.iceom2010.com/en/Committees.asp>)
2010 Jan-23-24, Convener, National Conference on Recent Trends in Biochemistry & Satellite Symposium of Academy of Environmental Biology, held at Univ. Allahabad, India
2009 Convener/Chairperson, Symposium on Infectious Diseases and Human Health in World Congress on Cell. Mol. Biol.-2009 (WCCMB-2009), Nov.2-06, DABU-Indore, India
2009 Member, International & National Committees, WCCMB-2009, Nov.2-06, DABU-Indore, India
 (Web site: <http://www.davvbiotech.res.in/Worldcongress/html/committees.htm>)
2009 April-July 2009 Visiting Professor, INCA-Federal University of Rio-de-Janeiro, **Brazil**
2008 Member, Intellectual Property Protection Programme, UPCST-Lucknow, UP, India
2008 Dec-Nov.09, Coordinator, Centre for Biotechnology, University of Allahabad
2008 Feb15-Feb15, 2010 Chairman, Department of Biochemistry, University of Allahabad
2008 May-July 2008 Visiting Professor, Kasetsart University, Bangkok, Thailand
2007 Dec-Jan 2008 Visiting Professor, Institute of Gene Expression Regulation,
Louis Pasteur University (ULP) of Strassbourg, Cedex, France
2007 May-July 2007 Visiting Professor, ULP of Strassbourg, Cedex, France
2006 May-July 2006 Visiting Professor, Institute of Genetics and Molecular Biology,
Council of National Research, Pavia, Italy
2002, Jan18-11Feb, 2004, Professor (CAS) Dr. RML Avadh University, Faizabad, India
2004, Feb12, to date Professor (Cadre), Biochemistry Department, Univ. Allahabad, India
2004 Visiting Professor (Biochemistry), King Saud University, Riyadh, Kingdom of Saudi Arabia (Offer could not be availed)
2000-2002 Visiting Scientist, Department of Biochemistry and Molecular Biology, UMD-New Jersey Medical School, Newark, NJ 07103, USA
1999 Organizing Secretary, Symposium "Biological Chemistry beyond 2000 AD", held at Dr. RML Avadh University, Faizabad, India
1996 Visited NIBGE-Tehran, Iran, nominated by UNESCO-New Delhi
1995 Founder Member, Department of Environ.Sciences, Dr.RML AU-Faizabad
1994 Founder Member, Biochemistry Department, Dr.RML Avadh University-Faizabad
1994-Feb11, 04 Associate Professor (Reader, Cadre), Dr. RMLA. University, Faizabad
1991 Visiting Scientist, Industrial Toxicology Research Center, Lucknow, India
1988-1994 Assistant Professor (Cadre), SK Univ of Agri Sci & Tech, Kashmir, India
1984-1988 Research for Ph.D. Degree, Central Drug Research Institute, Lucknow & BHU-Varanasi, India

Administrative Assignments

- 2025 Member, State Clean Ganga Mission-UP**
2024 Member, Executive Council, University of Allahabad-Prayagraj, India Since 25-07-2024 for 2 years.
2024 Dean, Faculty of Arts, University of Allahabad, Since 24.09.2024 to 28.10.2024
2024 Head, Department of Arabic and Persian, University of Allahabad Since 24.09.2024 to 28.10.2024
2024 Chairman, Fact Finding Committee, SPM PG College, University of Allahabad, Phaphamau, Allahabad
2023 Member, Expert Committee to evaluate the infrastructure to start of new courses at the CMP Degree College and Arya Kanya Degree College, Allahabad vide letter no. DCD/427/2023, Dated-21-04-2023
2023 Chairman, Eligibility Committee, University of Allahabad, March 2023
2023 Chairman, Award Committee, University of Allahabad, March 2023
2023 Member, Executive Council, University of Allahabad-Prayagraj, India Since 23-02-2023 for 2 years.
2023 Member, Governing Board, Allahabad Degree College, Allahabad. From Feb. 14, 2023, dated 23-02-2023 for 3 years as per Ordinance 2008, XXXV Clause 5(a) (ii) UoA, From the panel of E.C.
2023 Member, Governing Board, Shyamaprasad Govt. PG College, Phaphamau-Allahabad. From Feb. 14, 2023, dated 23-02-2023 for 3 years as per Ordinance 2008, XXXV Clause 5(a) (ii) UoA, From the panel of E.C.
2023 Head, Department of Family and Community Science, University of Allahabad, Allahabad, March 2023
2022 Dean, Faculty of Science, University of Allahabad, Allahabad 211002, UP, India since December 19, 2022 to date.
2022 Chairman, Enquiry Committee for Plagiarism, University of Allahabad.
2021 Head, Department of Biochemistry, University of Allahabad, Allahabad, Since August 05, 2021
2019 Coordinator, Nanoscience and Technology Winter School, UGC-HRDC programme, From February 25-March17, 2019 at Faculty of Science, University of Allahabad.

2017-continued, Warden, Shatabdi Boys Hostel, University of Allahabad, Allahabad
2017-continued Member, Management Committee, IAS-Pre-examination Centre, Pant Hostel, University of Allahabad
2017-continued Member, Security Committee, University of Allahabad, Allahabad
2009 to date, Chairman, Environmental Science Core Committee, Univ. of Allahabad
2009 to date, Nodal Officer, Intellectual Property Rights Cell, University of Allahabad
2009 Member, Academic Council, University of Allahabad
2008Dec-Dec 2009, Coordinator, Centre for Biotechnology, University of Allahabad
2008 Feb16 to Feb 15, 2010 Chairman, Department of Biochemistry, Univ. of Allahabad
2007 Member, Undergraduate Admission Test Committee, University of Allahabad
2006-to date Member, Rate Contract Establishment Committee, Univ. of Allahabad
2005 Convener, Teaching & Research Interface Committee, University of Allahabad
2005 to date Expert Member, Biotechnology, Commission for Scientific and Technical Terminology, MHRD, Department of Secondary & Higher Education, Got. of India
2005 to date Chairman, Admission Committee, University of Allahabad, Allahabad, India
2004 Member, Academic Council, Science Faculty Board, Technical Committee & Purchase Committee, Intra- and Inter Departmental Doctoral Programme Committees, PG Admission Committee, University of Allahabad, India
2004 OSD, Confidential Evaluation Cell, University of Allahabad, India
2004 Member, Central Auction Committee, Dr.R.M.L.A. University-Faizabad, India
2003 Member, Central Purchase Committee, Dr.R.M.L.A. University-Faizabad, India
2003 Member, Executive Council, Dr.R.M.L. Avadh University-Faizabad, India
2003 Member, University Admission Committee, Dr.R.M.L.A. University, Faizabad
2003 Chief Warden, University Hostels, Dr.R.M.L.A. University-Faizabad up to 2004
2003 Co-Ordinator, B.P.Ed. Entrance Test & Recruitment, Dr.R.M.L.A. University
2003 Co-Ordinator, UGC-SAP, DRS Programme, Dr.R.M.L.A. University, Faizabad
2003 Deputy Co-Ordinator, FIST Programme, DST-MHRD, Govt. of India, NewDelhi
2003 Scholarship Distribution Committee, Dr.R.M.L. Avadh University, Faizabad
1994-98Convener, Technical Committee (for purchase of Instruments/Chemicals)
1994 Member, Development of M.Sc. Biochemistry/Biotechnology programme
1995 Member, Development of M.Sc. Environmental Sciences programme
1995-98 Member, Proctorial Board, Dr.R.M.L Avadh University, Faizabad, India
1995-98 In-Charge, Research/Academic Cell, Dept.Biochemistry, Dr. RMLA University
1994-99 Member, Postgraduates Admission Committee, Dr. RMLA. University, Faizabad
1995-99 Member, Syllabi Screening Committee, Dr.RML.A University-Faizabad
1997 Member, Institutions Affiliation Committee, Dr. RMLA. University, Faizabad
1997 Center Superintendent, Dr.RML Avadh University's Annual Examinations
1997 Observer, B.Ed. Entrance Examinations, Dr.RML Avadh University-Faizabad
1989-93 Incharge, Biochemistry Department, Faculty of Vet. Sci. & Animal Husbandary, Sher-e-Kashmir University of Agricultural Sciences and Technology, Srinagar, J&K

Membership of Professional Scientific Societies

- Life Member**, Med Clinical Medicine and Therapeutics Association (MCMATA), Singapore, 2021
- Life Member**, Asian Biological Research Foundation.Prayagraj, India; URL: <http://www.abrf.org.in/aboutus.php>
- Life Member**, World Society of Virology, Karolinska Institute, Sweden, URL: <https://www.ws-virology.org/>
- Life Member**, Society of Biological Chemists, India, URL: <http://sbcihq.in/>
- Life Member**, Academy of Environmental Biology, India, URL: <http://www.enviroindia.net/>
- Life Member**, Indian Science Congress Association, India (Reg.No. L7687), URL: <http://www.sciencecongress.nic.in/>
- Life Member**, Association of Microbiologists of India, India, Membership No. 2297–1999 (URL: <http://www.amiindia.info/rule.php>)
- Life Member**, International Forum for Public Health, Shanghai, China (<http://www.scdc.sh.cn/erj/hjzygj%EF%BC%8De.htm>)
- Rosalind Member** of London Journals Press, Membership ID#IH35843
- Member**, International AIDS Society, Geneva, Switzerland since 2021
- Member**, American Chemical Society, USA
- Member**, American Association for the Advancement of Science, USA; URL: <https://www.aaas.org/>
- Member**, Asian Council for Science Editors, Dubai-UAE, Membership No: 2426250

Member Governing Board of Institutions

- Ishwar Sharan Degree College, Prayagraj
- CMP Degree College, Prayagraj
- Arya Kanya Degree College, Prayagraj
- Shri Shyama Prasad Mykherjee Degree College-Phaphamau, Prayagraj
- Allahabad Degree College, Prayagraj

Member Executive Council of Institutions

- Dr. R.M.L. Avadh University, Faizabad

2. VBS Poorvanchal University, Jaunpur
3. University of Allahabad, Prayagraj

Member Academic Council of Institutions

1. Dr. R.M.L. Avadh University, Faizabad
2. University of Allahabad, Prayagraj

Foreign Visits and Collaborative Research

S.No.	Period	Institution/University	Position	Collaborating Scientist
1.	April 4 to April 2024	Keystone Symposia, Hannover, Germany	Resource person, Participat	Dr. Neena Hahne
2.	Oct.27-29,2019	Tokyo University, Japan	CPG-Awardee	Prof. Mitsuya, Tokyo university
3.	May 6-8,2019	Tokyo University, Japan	CPG-Awardee	Prof. Mitsuya, Tokyo University
4.	June 27-30, 2018	APACC2018, Hong Kong	CPG-Awardee	Virology Education, the Nertherlands
5.	May 31-June 03, 2017	APACC2017, Hong Kong	CPG-Awardee	Virology Education, the Nertherlands
6.	Feb.27-March 13,2015	National Institute of Environmental Health-NIH, North Carolina, USA	Visiting Scientist	Prof. Samuel Wilson
7.	Sept. 2011-Nov.2011 (2.5 months)	Christopher S. Bond Life Sciences Center, University of Missouri-Columbia, MO, USA	Visiting Professor	Prof. Stefanaos Sarafianos
8.	May 2010-July 2010 (2 months)	Institute of Molecular Medicine, Lubeck University, Lubeck, Germany	Visiting Professor	Prof. Tobias Restle (Web site: http://www.molmed.luebeck.de/T.%20Restle/Restle.html)
9.	April 2009--July 2009 (4 months)	National Institute of Cancer, Federal University of Rio-de-Janeiro, Brazil	Visiting Professor	Prof. Marcelo A. Soares
10.	May 2008-July 2008 (2 months)	Kasetsart University, Thailand, Bangkok	Visiting Professor	Prof. Supa Hannongbua (Website: Thailand http://www.sci.ku.ac.th/sci1/fundation/vp/vp51.pdf)
11.	2007 (10 days)	University of Kuwait, Kuwait, Tra Award by Kuwait University-Kuwait	Invited Speaker	Prof. Donald Armstrong
12.	May 2007-July 2007 &	Louis Pasteur University of Strasbourg, France	Visiting Professor	Prof. Roland Marquet, Dr. Catherine Isel
13.	Dec 2007-Jan.2008	Louis Pasteur University of Strasbourg, France	Visiting Professor	Prof. Roland Marquet, Dr. Catherine Isel
14.	May 2006-July 2006	Institute of Genetics, University of Pavia, Italy	Visiting Professor	Prof. Giovanni Maga
15.	Jan.2000-Dec.2002	UMDNJ-NJ Medical School, New Jersey, USA	Visiting Scientist	Prof. V. N. Pandey
16.	Dec. 1998 (10days)	National Institute of Genetic Engineering and Biotechnology, Tehran, Iran	UNESCO-Nominated Participant	Prof. Barahm Golei

Guest Faculty / Invited Speaker

Jawaharlal National Technical University-Hyderabad, India
 Rama Medical University, Kanpur, India
 UPRT Open University, Allahaabd, India
 Jalma Institute of Leprocy, Agra, India
 National AIDS Research Institute, Pune, India
 National Academy of Sciences India, Allahabad, India
 Indian Institute of Information Technology, Allahabad, India
 Departments of Biotechnology, Banaras Hindu University-Varanasi, India
 Department of Biochemistry, Banaras Hindu University-Varanasi, India
 Departments of Biotechnology, V.B.S. Poorvanchal University, Jaunpur, India
 AIDS Research Division, Central Jalma Institute of Leprocy -Agra, India
 Departments of Medicine and Biochemistry, K.G. Medical University-Lucknow, India
 Department of Chemistry, Govt. PG College-Alapur, Akbarpur, India
 Department of Biochemistry & Environ. Sci., Dr.R.M.L. Avadh University, Faizabad, India
 National Bureau of Fish Genetic Resources (ICAR), Lucknow, India
 National AIDS Control Organization, New Delhi, India
 Centre for Molecular & Human Genetics, Jiwaji University, Gwalior, India
 (Website: <http://jugenomics.org.in/FACULTY.HTML>)
 Centre for Neurosciences, Jiwaji University, Gwalior, India
 Institute of Interdisciplinary Studies, Allahabad University, Allahabad, India

Department of Environmental Science, Allahabad University, Allahabad, India
CSJM-Medical University, Lucknow, India
Govt. PG College, Saidabad, Allahabad, India
CMP Degree College, Allahabad
Motilal Nehru National Institute of Technology, Allahabad, India
University of Lucknow-Lucknow, India
Aligarh Muslim University-Aligarh, India
Departments of Zoology and Biotechnology, D. D. University-Gorakhpur, India
Department of Biotechnology, Babasaheb Bhim Raom Ambedkar University, Lucknow
YRG Care-Chennai, India

MSc/PhD Examiner / Subject Expert

Department of Biochemistry, King Saud University, Riyadh, Saudi Arabia
Faculty of Sciences, Universiti Putra Malaysia (UPM), Malaysia
Faculty of Science, Cairo University, Egypt (web page: portal.sci.cu.edu.eg)
University of Kuwait, Kuwait
Faculty of Sciences, Binod Bihari Mahto Koyalanchal Universiti, Dhanbad 826001, Jharkhand, India
Department of Biochemistry, University of Calcutta, West Bengal
Department of Biochemistry, Punjab University, Punjab, India
Department of Basic Sciences, UPRT Open University, Allahaabd, India
Departments of Biochemistry, Biotechnology & Zoology, Allahabad University, India
Indo-Russian Center of Bioinformatics, IIIT-Jhalwa, Allahabad, India
Departments of Biotechnology, Home Science and Biochemistry, BHU-Varanasi, India
Department of Life Sciences, M.D. University-Rohtak, Haryana, India
Department of Biochemistry, Aligarh Muslim University, Aligarh, India
Department of Home Science, B.R. Ambedkar Agra University, Agra, India
Schools of Biochemistry, Zoology, Biotechnology, Jiwaji University, Gwalior, India
Centre of Molecular & Human Genetics, Jiwaji University, Gwalior, India
Department of Biochemistry, Delhi University, Delhi, India
Department of Biotechnology, Jamia Hamdard University, New Delhi, India
Department of Biochemistry, Dr. R.M.L. Avadh University, Faizabad, India
Department of Biotechnology, SHUATS (Deemed University), Allahabad, India
Departments of Zoology and Home Science, Ranchi University, Ranchi, Bihar, India
Department of Biotechnology, DDU Gorakhpur University, Gorakhpur, India
Departments of Biochemistry and Microbiology, VBS Poorvanchal University, Jaunpur, India
Department of Biochemistry, University of Lucknow, Lucknow, India
Department of Biotechnology, Babasaheb Bhimrao Ambedkar University, Lucknow, India
Departments of Life Sciences and Biotechnology, CSJM Kanpur University-Kanpur, India
Department of Biochemistry, Punjab University, Chandigarh, India
Department of Biochemistry, North East Hill University-Shillong, Meghalaya, India
Department of Biotechnology, Gautam Buddha UP Technical University-Lucknow, UP, India
Department of Food Technology, University of Mysore-Mysore, Karnataka, India
Department of Life Sciences & Biotechnolog, Jawaharlal Nehru University-New Delhi
Department of Biotechnology, Devi Ahilyabai University-Indore, MP, India
Department of Life Sciences, Rani Durgawati University-Jabalpur, MP, India
Department of Biotechnology, Guru Ghasidas University-Bilaspur, MP, India
Department of Biochemistry, University of Kashmir, Srinagar, Kashmir, J&K, India
Department of Biotechnology, Hemawatinandan Bahuguna University, Garhwal, India
Department of Biotechnology, Banasthali University, Banasthali-Jaipur, Rajasthan, India
Deartment of Biochemisty, Rajasthan Central University, Jaipur, Rajasthan, India
Department of Biochemistry, IVRI-Izzat Nagar, Bareilly, India
Division of Biochemistry, CSIR CDRI-Lucknow, India
Division of Microbiology, CSIR-CDRI, Lucknow, India
Division of Microbiology, CSIR-CDRI, Lucknow, India
Department of Biotechnology & Bioinformatics, Woman University, Koimbatore, Tamil Nadu, India
Department of Biotechnology, Karunya University, Koimbatore, Tamil Nadu, India
Gandhi Institute of Technology & Management (GITAM) (Deemed to be University) Visakhapatnam, India

Member, Faculty Selection Committee

1. Central University of Haryana-Mahendra Garh, Haryana
2. University of Allahabad, Allahabad, India
3. Banaras Hindu University, Varanasi, India
4. VBS Poorvanchal University, Jaunpur, India
5. CSJM University-Kanpur, India
6. Sam Hanningbua Institute of Agriculture and Technology (Formerly: Allahabad Agricultural Institute), Deemed to be University, Allahabad-211007
7. Jiwaji University-Gwalior, MP, India

8. National Bureau of Fish Resource (NBFR)-Lucknow, India
9. Nehru Gram Bharati University-Allahabad, India
10. Dr. RML Avadh University, Faizabad, India
11. SHUATS-Naini, Allahabad, India
12. BARC-Mumbai, Maharashtra
13. Kurukshetra University-Kurukshetra, Haryana
14. Kumayun University-Garhwal, Uttarakhand

Member, Board of Studies

1. Department of Biochemistry, Rajasthan Central University, Jaipur, Rajasthan, India
2. Department of Biochemistry, BHU-Varanasi, India
3. Department of Life sciences, IGNOU-Delhi, India
4. Department of Molecular and Human Genetics, BHU-Varanasi, India
5. Department of Biochemistry, Jiwaji University-Gwalior, India
6. Department of Biotechnology, Jiwaji University-Gwalior, India
7. Department of Biochemistry, Poorvanchal University-Jaunpur, India
8. Department of Biotechnology, Poorvanchal University-Jaunpur, India
9. Department of Biotechnology, University of Allahabad, Allahabad, India
10. Department of Bioinformatics, University of Allahabad, Allahabad, India
11. Department of Biochemistry, SHUATS-Naini, Allahabad, India
12. Department of Bioinformatics, SHUATS-Naini, Allahabad, India
13. Department of Biotechnology and Cellular Engineering, SHUATS-Naini, Allahabad, India
14. Department of Biochemistry, University of Lucknow-Lucknow, India
15. Department of Biotechnology, Baba Bhimrao Ambedkar University, Lucknow, India
16. Department of Biotechnology, Kumayun University, Garhwal, India
17. Department of Life Sciences, CSJM University-Kanpur, India
18. Faculty of Sciences, Binod Bihari Mahto Koyalanchal University, Dhanbad 826001, Jharkhand, India

Member, Course Design Committee of Indira Gandhi National Open University (IGNOU), New Delhi

1. Gene Organisation, Replication and Repair BBCCL-118 Laboratory ISBN:978-93-5568-181-2
2. Membrane Biology and Bioenergetics BBCCL-112, Laboratory 978-93-5568-003-7
3. Gene Organisation, Replication and Repair BBCCT-117 Theory ISBN:978-93-5568-268-0
4. Membrane Biology and Bioenergetics BBCCL-112, Laboratory 978-93-5568-009-9
5. Protein BBCCT-105 Theory ISBN:978-93-5568-096-9

Member, Course Preparation Team / Content Editor of Indira Gandhi National Open University, New Delhi

1. Gene Organisation, Replication and Repair BBCCT-117 Theory ISBN:978-93-5568-268-0

Teaching Experience

Graduation Level: 36 years **Post-graduation Level:** 36 years

Research Projects Completed (8)

1. Environmental impact assessment of commonly used pesticides and the abatement of the Environmental pollution due to pesticides through biochemical tools. Funded by AICTE-New Delhi. March, 1994-March, 1997, **Grant No.** F2-2/93-TD.VI, **Direct Costs** Rs.8.5 Lakhs
2. Studies on the effect of organocarbamate on non-target aquatic (fish) and mammalian (rat) systems and possible remedial measures. Funded by AICTE-New Delhi for three years (January, 1995- January, 98.), **Grant No.**802/RDII/R&D/94/Rec 246, **Direct Costs:** Rs.2.75 Lakhs
3. Isolation and characterization of pesticide (organocarbamates and organophosphates) degrading microorganisms. Funded by AICTE-New Delhi for three years (March 1999-February 2002), **Direct Costs:** Rs.6.0 Lakhs
4. **Government of India, Department of Science and Technology (MHRD)-FIST Project Grant, Direct Cost:** 85 Lakhs, at Dr.R.M.L. Avadh University-Faizabad, 03 years.
5. **UGC-SAP, DRS Project Grant No.** F3-11/2004 (SAP-2), 26-03-2004, **Direct Cost:** 12 Lakhs, at Dr.R.M.L. Avadh University-Faizabad for three years.
6. **UGC-SAP, DRS Project Grant No.** F3-11/2004 (SAP-2), 26-03-2013, **Direct Cost:** 39 Lakhs, University of Allahabad-Allahabad for three years.
7. **UPCST-Lucknow Project:** Isolation, Purification and Characterization of some Phytochemicals against HIV-1 and other infectious agents. **Grant No.** CST/D-3089, 2016, **Direct Cost:** Rs.10.44 Lacs, University of Allahabad-Allahabad for three years.
8. **UPCST-Lucknow Project:** Exploring anti HIV properties of phytochemicals isolated from Indian Medicinal Plants via in silico and in vivo methodologies. **Project ID 3456. Grant No.** CST/D-903, 14-08-2024, **Direct Cost:** Rs.18.36 Lacs, jointly with University of Allahabad, Allahabad and Dr. Neerja Shukla, Asst. Prof., Dept. Chemistry, Nari Shiksha Niketan PG College, Chakbasta Road, Kaiserbagh, Lucknow 226001 for three years.

US Patent Published: 01

Title: INHIBITION OF HIV-1 REPLICATION, **Publication Number:** WO/2004/041194 **Date:** 21.05.2004,
Website: <http://www.wipo.int/pctdb/en/wo.jsp?IA=WO2004041194>

International Application No. PCT/US2003/034708, **Date of Filing Patent:** 31.10.2003

Inventors: PANDEY, Virendra, N. [US/US]; 30 Dorothy Road, Parsippany, NJ 07054 (US).
2004 KAUSHIK, Neerja [US/US]; 28 Lucianna Lane, East Hanover, NJ 07936 (US).
BASU, Amartya [IN/US]; 28 Lucianna Lane, East Hanover, NJ 07936 (US).
PALUMBO, Paul [US/US]; 230 Edgewood Ave., Westfield, NJ 07090 (US).
MYERS, Rene, L. [US/US]; 50 Blackberry Lane, Framingham, MA 01701 (US).
SHARMA, Bechan [IN/IN]; Flat #3, Professors Colony, Faizabad, U.P. (IN).
TALELE, Tanaji, T. [IN/IN]; Department of Pharmaceutical Chemistry, UDCT,
University of Bombay (IN)
.CASALE, Ralph, A. III [US/US]; 41 South Chelmsford Road, Westford, MA
01886 (US).

Research Supervision

Number of MS Students Supervised: 71 (M.Sc. Biochemistry/Environmental Sciences)

Number of Ph.D. Students Supervised: 20

Number of Post Doctoral Fellows mentored: 07

Number of Ph.D. Students presently working: 02

Honorary Reviewer for International Journals (245)

(for example Reviewer History for Elsevier Journals:

<https://www.reviewerrecognition.elsevier.com/#/profile/469faa80-903d-4af0-bbcd-51f61539fb6a>)

1. Academia Biology
2. Academia Journal of Medicinal Plants (<http://academiapublishing.org/ajmp>)
3. Acta Parasitologica
4. Acta Tropica
5. ACS Applied Materials and Interfaces
6. Advanced Science
7. Advances in Analytical Chemistry
8. Advances in Biochemistry, Science Publishing Group, USA (<http://www.sciencepublishinggroup.com>)
9. Advances in Virology
10. African Journal of Pharmacy and Pharmacology, Academic Journals, South Africa
11. African Journal of Biochemistry Research, Academic Journals, South Africa
12. African Health Sciences
13. African Journal of Microbiology Research, Academic Journals, South Africa
14. African Journal of Biotechnology, Academic Journals (Website: www.academicjournals.org/ajb)
15. American Journal of Medicinal Plants Research
16. American Journal of Biochemistry (Scientific & Academic Publishing, USA)
17. Annals of Cancer Research (website: <http://www.vipoa.org/cancer/editorialboard>)
18. Applied Biological Research
19. Applied Biochemistry and Biotechnology
20. Analytical Biochemistry, Elsevier
(Website: http://www.elsevier.com/wps/find/journaldescription.cws_home/622781/description)
21. Applied Biochemistry and Biotechnology, Springer Journals
(Website: <http://www.springer.com/chemistry/biotechnology/journal/12010>)
22. Arabian Journal for Science and Engineering
23. Arabian Journal of Chemistry
24. Archives of Environmental Contamination and Toxicology, USA
25. Archives of Medical Research, Mexico
26. Asian Fisheries Science Journal
27. Asian Journal of Medicine and Health
28. Asian Journal of Plant Science & Research
29. Biocatalysis and Agricultural Biotechnology, Elsevier Publications
30. Biocatalysis and Biotransformation (Impact factor: 0.905; <http://informahealthcare.com/bab>)
31. BBA - Molecular and Cell Biology of Lipids
32. Biochemical Compounds
33. Biochemistry Insights, Libertas Academica Journals, New Zealand
34. BBA-Molecular Cellular Biology of Lipids
35. Biological Trace Element Research (BTER)
36. Biology (MDPI Journal)

37. Biomarkers Insights, Libertas Academica Journals, New Zealand
38. Biomed Research International (website: <http://www.hindawi.com/journals/bmri/>) (IF:2.88)
39. Biomedical Chromatography
40. Biomedicine and Pharmacotherapy
41. Bionature
42. Biotechnology and Genetic Engineering Reviews
43. BMC Complementary and Alternative Medicine
44. BMC Neuroscience
45. Brazilian Archives of Biology and Technology
46. Brazilian Journal of Pharmaceutical Sciences
47. British Journal of Applied Science and Technology, SCIENCEDOMAIN International
48. Canadian Journal of Biotechnology (<https://www.canadianjbiotech.com/downloadFiles/List%20of%20reviewers.pdf>)
49. Cancer Biology and Medicine
50. Cancer Genetics
51. Cancer Immunology; Immunotherapy
52. Cancer Letters, USA
53. Chemical Biology & Drug Design (Wiley Publications)
54. Chemistry and Ecology, Taylor & Francis. <http://www.tandfonline.com/loi/gche20>
55. Chemistry Africa
56. Chemosphere
57. CellBio
58. Cell Biochemistry and Biophysics
59. Cell Biology and Toxicology, USA
60. Cellular and Molecular Neurobiology, USA
61. Cellular and Molecular Biology, France (Website: www.cellmolbiol.com)
62. Central Nervous System Agents in Medicinal Chemistry (Bentham Science Publishers)
63. Chemistry Africa
64. Chemistry and Biodiversity
65. ChemistrySelect
66. Chemosphere
67. Colloids and Surfaces A: Physicochemical and Engineering Aspects: Elsevier Journals, USA
68. Combinatorial Chemistry & High Throughput Screening
69. Comparative Biochemistry and Physiology, Canada
70. Computational Biology and Chemistry
71. Computers in Biology and Medicine
72. Connective Tissue Research: Informa Healthcare (<http://informahealthcare.com/journal/cts>)
73. Critical Reviews in Microbiology (impact factor: 6.270)(Website: <http://informahealthcare.com/loi/mbry>)
74. Current Biotechnology (Bentham Science Publishers)
75. Current Microbiology, Springer (Website: <http://www.springer.com/life+sciences/microbiology/journal/284>)
76. Current Medicinal Chemistry, Benrtham Science Publishers
(Website: <http://bsp-cms.eurekaselect.com/index.php/CMC/reviewer/submission/56993?key=99ibU9a9>)
77. Current Neuropharmacology (Bentham Science Publishers)
78. Current Pharmaceutical Design (Bentham Science Publishers)
79. Current Trends in Biomedical and Life Sciences
80. Cytotechnology
81. Discover Toxicology
82. DNA and Cell Biology
83. Drug and Chemical Toxicology
84. Drug Design, Development and Therapy
85. Ecotoxicology, The Netherlands
86. Ecotoxicology and Environment Safety
87. EC Pharmacology and Toxicology
88. Emergent Materials
89. Environmental Pollution
90. Environmental Science and Pollution Research
91. Environmental Technology, Taylor and Francis, USA
92. Environmental Technology and Innovation
93. Environmental Toxicology, Wiley Publishers (Impact factor 2.704)
94. Environmental Toxicology, Helsinki, Finland
95. Experimental Parasitology, USA
96. Expert Review of Clinical Pharmacology
97. European J. Molecular Biology (Science Publishing Group)
(Website: <http://www.sciencepublishinggroup.com/journal/peerreviewers.aspx?journalid=114>)
98. Environmental Toxicology (<http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291522-7278>)
99. Ecotoxicology and Environmental Safety
100. Fitoterapia

101. Food Analytical Methods
102. Food Biophysics, USA
103. Food & Chemical Toxicology, Elsevier, USA (Acknowledged in FoodChemToxicol, 2010; 48: 1418-1424, (see page 1423, right most panel)
104. Food & Function, a Royal Society of Chemistry journal
105. Food Reviews International, Taylor and Francis group, USA
(Website: <http://www.tandf.co.uk/journals/titles/87559129.asp>)
106. Frontiers in Molecular Biosciences
107. Frontiers in Pharmacology
108. Frontiers in Cell and Developmental Biology
109. Genes and Nutrition
110. Gene-USA, An Elsevier Journal (Impact Factor 2.266)
111. Heliyon (Cell Press) (Impact factor: 1.857)
112. Human and Experimental Toxicology (HET)-USA (Impact Factor 1.772)
113. Immunological Investigations
114. Indian Journal of Biochemistry and Biophysics, India
115. Indian Journal of Biotechnology
116. Indian Journal of Cancer, India
117. Indian J Clinical Biochemistry, India
118. Indian J. Experimental Biology, India
119. Industrial Crops and Products; Elsevier journal
120. Inorganic Chemistry Communications
121. International Food Research Journal
122. International Journal of Biochemistry and Biomolecules
123. International Journal of Biochemistry Research and Review
124. International Journal of Biotechnology and Molecular Biology Research
125. Int. J. Biol. Chem. Sci., International Formulae Group (IFG).Africa
(Website: <http://www.ajol.info/index.php/ijbcs/index>)
126. International Journal of Clinical Microbiology
127. International Journal of Ethnopharmacology (https://mail.yahoo.com/d/folders/1/messages/96229/APwd-Ig_oIRAXhy7wvTWLFMh5A:4?.intl=in&lang=en-IN&partner=none&src=fp)
128. International Journal of Experimental Pathology
129. International Journal of Medicine and Medical Sciences (IJMMS)
130. International Journal of Plant Physiology and Biochemistry
131. International Immunology, Japan
132. International Journal of Integrative Biology,
133. IJARAST (<http://www.ijarast.com/reviewer-board/>)
134. International J. Medicine and Medical Sciences, South Africa
135. International Journal of Pharmaceutical Research
136. International Journal of Plant Physiology and Biochemistry
137. International Journal of Nutrition and Metabolism (Website: <http://www.academicjournals.org/IJNAM>)
138. International Journal of Biological Macromolecules
(Website: <http://www.journals.elsevier.com/international-journal-of-biological-macromolecules/>)
139. International Journal of Ecology and Development Research
140. International Journal of Experimental Pathology
141. International Journal of Genetics and Molecular Biology
142. International Journal of Medical Science and Health Research
143. International Journal of Nanomedicine (The Dove Medical Press: www.dovepress.com)
144. International Journal of Pharmacology, Phytochemistry and Ethnomedicine
145. International Journal of Toxicology and Environmental Health
146. International Research Journal of Biotechnology, (Website: www.interesjournals.org/IRJOB)
147. Journal of AIDS and HIV Treatment
148. Journal of Applied Pharmaceutical Science
149. Jordan Journal of Biological Sciences
150. Journal of Agriculture and Biological Research, (Website: www.globalresearchjournals.com/journal/?id=JABS)
151. Journal of Antivirals and Food Research
152. Journal of Antivirals and Antiretrovirals
153. Journal of AIDS and HIV Research, Academic Journals, South Africa
154. Journal of AIDS and HIV Treatment
155. Journal of Applied Biology and Biotechnology (<https://www.ejmanager.com/reviewers/index.php?dvs=fns>)
156. Journal of Applied Biotechnology and Bioengineering
157. Journal of Applied Life Sciences International
158. Journal of Basic and Applied Zoology
159. Journal of Basic and Clinical Pharmacy, (Web site: <http://www.jbclinpharm.com/>)
160. Journal of Biochemical and Molecular Toxicity-USA (IF 1.96)
161. Journal of Biomolecular Structure and Dynamics (IF 3.39)

162. Journal of Bioinformatics and Sequence Analysis, Academic Journals, South Africa
163. Journal of Biotech Research (JBR)
164. Journal of Cancer Research and Therapeutics
165. Journal of Cancer Research and Therapeutics; <http://www.journalonweb.com/jcrt>
166. Journal of Cellular and Molecular Medicine
([http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1582-4934](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1582-4934))
167. Journal of the Chilean Chemical Society
168. Journal of Clinical Research in HIV AIDS and Prevention (Open Access Publications)
169. Journal of Complementary and Alternative Medical Health
170. Journal of Eco-physiology and Occupational Health, India
171. Journal of Ecology and the Natural Environment, (Website: www.academicjournals.org/JENE)
172. Journal of Environmental and Occupational Health, Shanghai, China
173. Journal of Environment and Human: <http://www.scipublish.com>
174. Journal of Essential Oil Bearing Plants, Taylor and Francis
175. Journal of Food Biochemistry
176. Journal of Food Science
177. Journal of General and Molecular Virology
178. Journal of Genetic Engineering and Biotechnology
179. Journal of Immunology Research Reports
180. Journal of Indian Chemical Society
181. Journal of Life Sciences
182. Journal of Medicine and Medical Sciences, (Website: jmms.review@interesjournals.org)
183. Journal of Medicinal Plant Research, Academic Journals
(Website: <http://www.academicjournals.org/JMPR>)
184. Journal of Molecular Liquids
185. Journal of Neuroinflammation (JNI)-USA, Open Access (Impact factor 5.79)
186. Journal of Neuroscience and Behavioural Health, Academic Journals, South Africa
187. Journal of Nutritional Therapeutics (website: <http://www.lifescienceglobal.com/pms/index.php/jnt>)
188. Journal of Parasitic Diseases
189. Journal of Parasitol. Vector Biol. (Academic Journal) (Website: <http://www.academicjournals.org/JPVB>)
190. Journal of Proteomics
191. Journal of Proteins and Proteomics
192. Journal of Proteins Proteomics India
193. Journal of Pharmacognosy and Phytotherapy, (Website: <http://www.academicjournals.org/JPP>)
194. Journal of Science and Technology, India
195. Journal of Toxicological Analysis
196. Journal of Toxicological Studies
197. Journal of Toxicology and Environmental Health Sciences (Website: [Http://www.academicjournals.org/JTEHS](http://www.academicjournals.org/JTEHS))
198. JoVE
199. Kuwait Journal of Science
200. Letters in Drug Design and Discoveries
201. Life Sciences
202. Marine Pollution Bulletin, Elsevier
203. Medical Science Monitor, USA
204. Microbial Biotechnology (IF: 2.534) (Website: <http://onlinelibrary.wiley.com/journal/10.1111/%28ISSN%291751-7915>)
205. Mitochondria (website: <https://www.journals.elsevier.com/mitochondrion>)
206. Mitochondrial DNA (<http://informahealthcare.com/loi/mdn>)
207. Molecular and Human Toxicology
208. Molecular Biology Reports, South Korea (Springer Journals)
209. Molecular Biosystems; Royal Society of Chemistry
210. Molecular Cellular Biochemistry, Canada
211. Molecular Neurobiology
212. Molecular Structures
213. Molecules (MDPI journal)
214. National Academy Science Letters (Springer Publications)
215. Natural Product Research (IF:2.06)
216. Neural Plasticity (IF: 3.27)
217. Oxidants and Antioxidants in Medical Sciences
218. Oriental Journal of Chemistry
219. Physiology and Molecular Biology of Plants (IF:2.41)
220. Phytomedicine Plus
221. PLOS ONE (IF: 2.740)
222. Polish Journal of Soil Science (IF: 0.33)
223. Process Biochemistry
224. ProJournal of Natural Science Research

225. Proceedings of National Academy of Sciences, (Physical Sciences), Springer
226. Proceedings of National Academy of Sciences (Biological Sciences), Springer
227. Public Health, Elsevier Inc.
228. Physiological Reports ([http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)2051-817X](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)2051-817X))
229. Parasitology, Cambridge Journals (website: <https://journals.cambridge.org/action/displayJournal?jid=PAR>)
230. Renal Failure, Taylor & Francis.Website:www.informaworld.com/alerting
231. Resuts in Chemistry
232. Romanian Biotechnological Letters
233. Royal Society Open Science
234. SAR and QSAR in Environmental Research
235. Science of the Total Environment, Elsevier
236. Scientific Reports
237. Scientific Research and Essays, Malaysia/Nigeria
238. Scandinavian J. Immunology, Wiley-Blackwell Publications
(Website: <http://www.wiley.com/bw/journal.asp?ref=0300-9475>)
239. 3Biotech
240. The Journal of Advances in Parasitology
241. The Journal of Basic and Applied Zoology
242. The Journal of Infectious Diseases (The Oxford Journals)
243. The Microbe
244. Toxicology
245. Toxicology Reports, Elsevier
246. Toxicology Research, Elsevier
247. Toxin Reviews, Taylor and Francis
248. TheScientificWorldJournals: (<http://www.tswj.com/>)
249. Toxicology Research, Royal Society of Chemistry, UK (www.rsc.org; www.chemsoc.org)
(https://blogs.rsc.org/tx/?doing_wp_cron=1587314287.6176300048828125000000)
250. Tumor Biology-Karger publishers, Switzerland (Impact factor: 2.143)
251. Virology : Current Research
252. Virus Research, Elsevier
253. Waste and Biomass Valorization
254. World Scientific and Engineering Academy and Society, Bulgaria
(website: <http://www.worldses.org/review/2009reviewers.htm>)
255. WSEAS Journal

Chief / Executive/ Associate Editor/Member Editorial Board of International Journals (180)

1. Academic Edito: Scientifica, WILEY
2. Chief Editor: Journal of Ecophysiology & Occupational Health, India
(Website: <http://www.informaticsjournals.com/index.php/JEOH/pages/view/eb>)
3. Guest Editor and Lead Guest Editor-Special Issue: Cellular and Molecular Biology, France
4. Guest Editor: Evidence-Based Complementary and Alternative Medicine, USA
5. Guest Editor-Special Issue: International Journal of Environmental Research and Public Health (Website: file:///C:/Users/Acer/Downloads/Hazardous_Compounds_Public_Health.pdf)
6. Guest Editor-Special Issue: Natural Science (Biological Control) (Website: <http://www.scirp.org/journal/NS/>)
7. Guest Editor-Special Issue : Natural Science (Research on Enzyme) (Website: <http://www.scirp.org/journal/NS/>)
8. Guest Editor-Special Issue: Pharmaceuticals
(https://www.mdpi.com/journal/pharmaceuticals/special_issues/G2FCS9T52R)
9. Editor-in-Chief, Advances in Enzyme Research (AER)
(Website: <http://www.scirp.org/Journal/EditorialBoard.aspx?JournalID=2426>)
10. Editor-in-Chief, International Journal of AIDS (<http://www.scitcentral.com/editorboard.php?journal=24>)
11. Editor-in-Chief, International Journal of Biochemistry and Biomolecules
(Website: <http://journalspub.com/JournalsDetails.aspx?jid=85>)
12. Editor-in-Chief, International Journal of Biochemistry and Biomolecules Research
(Website: <https://journals.stmjournals.com/editorial-board/ijbbr/>)
13. Editor-in-Chief, International Research Journal of Biochemistry and Biotechnology
(Website: <http://premierpublishers.org/irjbb/editors>)
14. Editor-in-Chief, International Research Journal of Pharmacy and Pharmacology
(Academic Journals) (Website: <http://interesjournals.org/IRJPP/editors.htm>)
15. Editor-in Chief: International Research Journal of Plant Sciences
(Website: <https://www.interesjournals.org/plant-science/editorial-board.html>)
16. Editor-in-Chief, Journal of AIDS and HIV Research (<http://www.integrity-ethics.com/editor-in-chief/100092>)
17. Editor-in-Chief, Journal of Biochemistry Research (Website: <http://peakjournals.org/sub-journals- JBR.html>)
18. Editor-in-Chief, Sky Journal of Biochemistry Research (SJBR)
(Website: <http://skyjournals.org/SJBR/editors.html>)
19. Editor-in-Chief, Journal of Medical Analysis. <https://jma.medanalysis.org/editorial-board/>

20. Editor-in-Chief, Journal of Modern Biology and Drug Discovery,
(Website: <https://www.innovationforever.com/aboutjournal?code=JMBDD&journalcode=JMBDD&journalid=1339748319989231622>)
21. Editor-in-Chief, Journal of Neuroscience and Behavioral Health (JNBH)
(Website: <http://www.integrity-ethics.com/editor-in-chief/100106>)
22. Editor-in-Chief, Progress in Neurobiology (website: <https://pneurobio.com/editorial-board/>)
23. Academic Editor: Bionature (Website: <https://globalpresshub.com/index.php/BN/about/editorialTeam>)
24. Associate Editor-in-Chief: Frontiers in Biological Chemistry (FBC),
(Website: <http://www.edinwilson.org/journal/fbc/editorialBoard.aspx>)
25. Associate Editor: Frontiers in Cell and Developmental Biology, section Cellular Biochemistry.
26. Associate Editor: Frontiers in Molecular Biosciences
27. Associate Editor: African Journal of Pregnancy and Child Birth
(Website: <http://internationalscholarsjournals.org/journal/ajpc/editorialboard>)
28. Associate Editor: African Journal of Pregnancy and Child Birth
(Website: <http://internationalscholarsjournals.org/journal/ajpc/editorialboard>)
29. Associate Editor: Cohesive Journal of Microbiology and Infectious Disease
(Website: <http://crimsonpublishers.com/cjmi/editorial-board.php>)
30. Associate Editor: Journal of Environmental and Occupational Medicine (JEOM), China
(Website: <http://www.scdc.sh.cn/erj/hjzygj%EF%BC%8De.htm>;
<http://journals.indexcopernicus.com/karta.php?action=masterlist&id=2084>)
31. Associate Editor: International Journal of Medical Science and Health Research
(Website: <https://ijmsr.com/editorial>)
32. Associate Editor: International J. Medicine and Medical Sciences (International Scholars Journals-USA)
(Website: <http://www.internationalscholarsjournals.org/journal/ijmms/editorialboard>)
33. Associate Editor: International Journal of Public Health and Epidemiology
(<http://internationalscholarsjournals.org/journal/ijphe/editorialboard>)
34. Associate Editor: International Journal of Research in Computer Science
(Web site: <http://www.ijrcs.org/editorial-board>)
35. Associate Editor: International Research Journals (<http://www.zoominfo.com/p/Bechan-Sharma/1447668082>)
36. Associate Editor: International Research Journal of Microbiology
(Website: www.internationalresearchjournals.org/IRJM)
37. Associate Editor: Vedic Research International Phytomedicine
(<http://vripress.com/index.php/PM/article/view/23>)
38. Executive Editor: Int. J. Antivirals & Antiretrovirals (Omics Publishing Group), USA
(Website: <http://www.omicsonline.com/EditorialboardJAA.php>)
39. Regional Editor: Asian Journal of Biological Sciences (Website: <https://scialert.net/eboard.php?issn=1996-3351>)
(<file:///C:/Users/Acer/Downloads/Asian%20Journal%20of%20Biological%20Sciences%20-%20Prof.%20Dr.%20Bechan%20Sharma.pdf>)
41. Editor: Acta Scientific Microbiology Journal (<https://www.actascientific.com/ASMI-EB.php#popup1>)
42. Editor: Academic Journal of Biotechnological Research
(Website: <http://www.xournals.com/academic-journal-of-biotechnological-research/info/editorial-board>)
43. Editor: Advances in Biotechnology and Microbiology
(Website: <http://juniperpublishers.com/aibm/editorialboard.php>)
44. Editor, Advances in Environmental Research (Korea) (<http://www.techno-press.org/?journal=aer&subpage=5#>)
45. Editor, American Journal of Medical and Biological Research (AJMBR)
(Website: <http://www.sciepub.com/journal/AJMBR>)
46. Editor: Anatomy, Physiology and Biochemistry, (Website: (<http://juniperpublishers.com/apbij/editorialboard.php>))
47. Editor: Annual Research and Review in Biology (<http://www.sciencedomain.org/journal/32/editorial-board-members>)
48. Editor: Aperito Journal of Advanced Plant Biology (Website: http://aperito.org/journal/ebm_display/29)
49. Editor: Archives of Clinical and Medical Microbiology Journal (<https://opastpublishers.com/journal/archives-of-clinical-medical-microbiology/editorial-board>)
50. Editor: Associate Editor: Biochemistry and Biotechnology Research
(Website: http://www.netjournals.org/bbr_editors.html)
51. Editor: Biochemistry and Molecular Biology Letters
(Website: <https://www.tsijournals.com/journals/biochemistry-molecular-biology-letters-editors.html>)
52. Editor: Bioengineering and Bioscience (Website:http://www.hrpub.org/journals/jour_editorialboard.php?id=1)
53. Editor: CPQMedicine (Website: <https://www.cientperiodique.com/journal/editorboard/medicines>)
54. Editor: Golabl Journal of Public Health and Epidemiology
(Website: <http://www.globalscienceresearchjournals.org/gjphe/editorial-board>)
55. Editor: HIV Advance Research and Development:Open Access (http://aperito.org/journal/ebm_display/2)
56. Editor: International Journal of Chromatography and Separation Techniques
(https://gavinpublishers.com/journals/board_members/international-journal-of-chromatography-and-separation-techniques.html)
57. Editor: International Journal of Cancer Research & Theapy (IJCRT),
(Website: <http://www.opastonline.com/editorial-board-ijcrt/>)

58. Editor: International Journal of Infectious Diseases and Therapy
(Website: <http://www.sciencepublishinggroup.com/journal/editorialboard?journalid=280>)
59. Editor: Int. J. Plant Physiology and Biochemistry, (Academics Journals)
(Website: <http://www.academicjournals.org/IJPPB/Editors.htm>)
60. Editor: International J. Nutrition and Metabolism, (IJNM, Academics Journals)
(Website: <http://www.academicjournals.org/IJNAM/Editors.htm>)
61. Editor: International Journal of Veterinary Medicine and Animal Health
(<http://internationalscholarsjournals.org/journal/ijvws/editorialboard>)
62. Editor: TheScientificWorldJOURNAL-BIOCHEMISTRY, (Hindawi-Finland),
(Website:<http://www.thescientificworldjournal.com/TSW/DomainsAndClusters/EditorDetails.asp?did=3800&jid=&uid=4945&uname=Bechan%20Sharma&NavFrom=Landing>)
63. Editor: Journal of Advances in Molecular Biology (Website: <http://www.isaacpub.org/EditorialBoard.aspx?ids=21>)
64. Editor: Journal of Ageing and Restorative Medicine
(Website: <http://www.scitcentral.com/editorboardDetails.php?id=1429&journal=48>)
65. Editor: Journal of AIDS & HIV Research, (Academic Journals)
(Website: <https://academicjournals.org/journal/JAHR/editors>)
66. Editor: Journal of AIDS & HIV Treatment (Scientific Archives)
(<https://www.scientificarchives.com/editor/bechan-sharma>)
67. Editor: Journal of Biochemistry and Molecular Medicine
(Website: <http://www.scitcentral.com/editorboardDetails.php?id=1496&journal=29>)
68. Editor: Journal of Enzymology and Metabolism (Academic Journals)
(Website: <http://www.opensciencepublications.com/category/journal-of-enzymology-and-metabolism/>)
69. Editor: Journal of Infectious Diseases and Immunity (Academic Journals)
(Website: <http://www.academicjournals.org/JIDI/Email.htm>)
70. Editor: Journal of Environmental Chemistry and Ecotoxicology (Academic Journals)
(Website: <http://www.academicjournals.org/JECE/Email.htm>)
71. Editor: Journal of Microbiology and Antimicrobials (Academic Journals)
(Website: <http://www.academicjournals.org/JMA/Editorial%20Board.htm>)
72. Editor: Journal of Bioinformatics and Sequence Analysis (Academic Journals)
(Website: <http://www.academicjournals.org/jbsa/Editors.htm>)
73. Guest Editor, Journal of Toxicology, Hindawi Publishing Corporation-USA
(Website: <http://www.hindawi.com/>)
74. Editor: Journal of Clinical Medicine and Research (Academic Journals)
(Website: <http://www.academicjournals.org/JCMR/Email.htm>)
75. Editor: International Journal of Biological and Medical Research (IJBMR), India
(Website:<http://www.biomedscidirect.com/editorialboard/Join-as-Editor>)
76. Editor: Scientific Tempor, India ((Website:<http://thescientifictemper.blogspot.com/>)
77. Editor: Scholars Report:Enzymology (Website: <http://www.scholarsreport.com/editorial-board.html>)
78. Editor, Journal of Agricultural Research and Natural Resources-(JARNAR)
(Website: <http://scienceparkjournals.org/jarnr/editors.htm>)
79. Editor, Journal of Biochemie and Chemical Biology
(<https://jacobspublishers.com/journals/journal-biochemie-and-chemical-biology/editorial-board>)
80. Editor: The Journal of Bioscience and Medicine (JBM)(Website: www.jbscience.org)
81. Editor, Journal of Medicine and Radiography, (Website: <http://scienceparkjournals.org/jam/board.htm>)
82. Editor-Member, Advisory Board, Journal of Medical Research (JMR) (Valleys International)
(Website: <http://valleys.co.in/jmr/index.php/jmr/pages/view/editorialboard>)
83. Editor, Journal of Microbiology and Microbial Research (JMMR), Peak Journals
(Website: www.peakjournals.org/sub-journals-JMMR)
84. Editor, Journal of Clinical Research in HIV AIDS and Prevention (USA)
85. Editor: Bioengineering and Bioscience (http://www.hrpub.org/journals/jour_editorialboard.php?id=1)
86. Editor, Vedic Research International Journal:Biological Medicinal Chemistry
(Website: www.VedicJournals.com)
87. Editor, Vedic Research International Journal:Phytomedicine (Website: www.VedicJournals.com)
88. Editor, Virology and Immunology Journal (Website: <https://medwinpublishers.com/VII/editorial-board.php>)
89. Editor, Virology : Current Research
(<https://www.hilarispublisher.com/virology-current-research/editorial-board.html>)
90. Editor: Journal of Neuroscience and Behavioural Health (Academic Journals)
(Website: www.academicjournals.org/jnbh/Editors.htm)
91. Editor:Biochemistry and Biotechnology Research (Website: http://www.netjournals.org/bbr_editors.html)
92. Editor: International Journal of Infectious Diseases and Therapy
(Website: <http://www.sciencepublishinggroup.com/journal/editorialboard?journalid=280>)
93. Editor, Int Journal of Life Sciences and Pharma Research.
(Website: <https://www.ijlpr.com/index.php/journal/editorial-board>)
94. Editor: MedLife Clinics (<http://www.medtextpublications.com/medlife-clinics-editorial-board.php>)
95. Editor: Pharmacologia (Website: <http://pharmacologia.com/eboard.php>)
96. Editor: Plant Science Today (<https://horizonpublishing.com/journals/index.php/PST/about/editorialTeam>)

97. Editor: Research in Pharmaceutical Biotechnology (Academic Journals)
(Website: <http://www.acadjourn.org/RPB/Email.htm>)
98. Editor: SciFed Journal of Mycology
(<http://scifedpublishers.com/journals/scifed-journal-of-mycology/editorial-board/38>)
99. Regional Editor : Asian Journal of Biological Sciences
(<file:///C:/Users/Acer/Downloads/Asian%20Journal%20of%20Biological%20Sciences%20-%20Prof.%20Dr.%20Bechan%20Sharma.pdf>)
100. Member, Advisory Board, Trends in Parasitology Research, India
(Web site: <http://www.sciencejournal.in/TPR-%20Editorial%20Board.htm>)
101. Member, Editorial Board, Advances in Biochemistry, USA, Website:
(Website: <http://www.sciencepublishinggroup.com/journal/editorialboard.aspx?journalid=110>)
102. Member Editorial Board, Archives of Immunology Research and Therapy
(Website: <https://medresonline.org/journals/archives-of-immunology-research-and-therapy/editorial-board>)
103. Member: Editorial Board, Biochemistry and Molecular Biology Letters
(<http://www.tsijournals.com/journals/biochemistry-molecular-biology-letters-editors.html>)
104. Member: Editorial Board, Bulletin of Academy of Environmental Biology (BAEB), India
105. Member, Advisory Board , International Journal of Biological Innovations
106. Member: Editorial Board, Journal of American Academic Research (<https://www.american-journals.com/about>)
107. Member: Editorial Board, Journal of Cancer Therapeutics and Research
(Website: <http://www.hoajonline.com/jctr/editorialboard>)
108. Member: Editorial Board , Journal of Clinical and Immunological Research (Website:
https://www.scitechnol.com/editor-profile/Bechan_Sharma/)
109. Member: Editorial Board , Journal of Exploratory Research in Pharmacology
(Website: <https://www.xiahepublishing.com/journal/jerp/editorialboard>)
110. Member, Editorial Board, Immunology Research Reports
111. Member, Editorial Board, Advances in Environmental Research, *An International Journal*
(AER), Korea. Website: <http://technopress.kaist.ac.kr/?journal=aer&subpage=2#>)
112. Member, Editorial Board, Advances in Virology (Hindawi Journal)
113. Member, Editorial Board, Journal of AIDS and HIV Treatment
(<https://www.scientificarchives.com/journal/Journal-of-AIDS-and-HIV-Treatment-editors>)
114. Member: Editorial Board, American J. Med. & Biol. Res., USA
(Website: <http://www.sciepub.com/journal/AJMBR/EditorialBoard>)
115. Member: Editorial Board, American Journal of Biochemistry (Scientific and Academic
Publishing) (Website: <http://www.sapub.org/journal/editorialboard.aspx?journalid=1012>)
116. Member, Editorial Board, Biochemical Compounds.
(Website: <http://www.hoajonline.com/biochemcomp/editorialboard>)
117. Member, Editorial Board, Bioengineering and Bioscience
(Website: http://www.hrpub.org/journals/jour_editorialboard.php?id=1)
118. Member, Editorial Board, Critical Care Medicine (Website: <https://control.zinanz.com/editorial-board/1/106>)
119. Member, Editorial Board, Section editor: Corona Viruses
(Website: <https://benthamsience.com/journals/coronaviruses/editorial-board/>)
120. Member, Editorial Board, Current Chinese Science-Biochemistry
(Website: <https://currentchinesescience.com/biochemistry/editorial-board.php>)
121. Member, Editorial Board, Current Drug Therapy
(Website: <https://benthamsience.com/journals/current-drug-therapy/editorial-board/>)
122. Member, Editorial Board, Current Indian Science-Biochemistry
(Website: <https://currentindianscience.com/biochemistry/editorial-board.php>)
123. Member, Editorial Board, Current Neuropharmacology
(Website: <https://benthamsience.com/journals/current-neuropharmacology/editorial-board/>)
124. Member, Editorial Board, Global Journal of Public Health and Epidemiology
(Website: <http://www.globalscienceresearchjournals.org/giphe/editorial-board>)
125. Member, Editorial Board, International Journal of Medical Sciences and Health Research
(Website: <https://ijmshr.com/editorial>)
127. Member, Editorial Board, Journal of HIV and Retrovirus (<https://hiv.imedpub.com/editors.php>)
128. Member, Editorial Board, Journal of Exploratory research in Pharmacology
(<https://www.xiahepublishing.com/journal/jerp/editorialboard>)
129. Member, Editorial Board, Journal of Nutritional Therapeutics, www.lifescienceglobal.com
130. Member, Editorial Board, SCIREA J. Biology,
(Website: <http://www.scirea.org/journal/EditorialBoard?JournalID=18000>)
131. Member, Editorial Board, Jacobs Journal of Biochemistry
132. Member, Editorial Board, Journal of Advances in Molecular Biology
(Website: <http://www.isaacpub.org/EditorialBoard.aspx?ids=21>)
133. Member, Editorial Board, Oncology Discovery (Herbert Publications)
(Website: <http://www.hoajonline.com/oncology/editorialboard>)
134. Member: Editorial Board, Int. J. Research in Computer Sciences

- (Website: <http://www.ijorcs.org/editorial-board>)
135. Member, Editorial Board, Journal of Nutritional Therapeutics (Life Science Global)
(Website: <http://www.lifescienceglobal.com/journals/journal-of-nutritional-therapeutics/editorial-board>)
 136. Member, Editorial Board, Journal of Clinical Research in HIV AIDS and Prevention
(website: http://openaccesspub.org/journals/editorial_board.php?jid=1)
 137. Member, Editorial Board, Journal of Regenerative Medicine and Biology Research
 138. Member, Editorial Board, European Journal of Molecular Biology (EJMB)
 139. Member, Editorial Board, Scholox Open Access Journal
(Website: <http://www.scholox.org/journals/cancer/editorial-board.php>)
 140. Member, Editorial Board, International Journal of Computer and Communication Engineering Research (IJCCER) (Website: <http://ijccer.org/index.php/ojs/about/editorialTeam>)
 141. Member, Editorial Board, Lifesciences Global
(Website: <http://www.lifescienceglobal.com/journals/journal-of-nutritional-therapeutics/editorial-board>)
 142. Academic Editor, for the paper, 'Single Nucleotide Polymorphisms associated with alimentary fatty liver disease are not genetic risk factors for treatment-associated hepatic steatosis in HIV patients on HAART', by Dold et al. in Journal of Clinical Research in HIV and Prevention, 2013
(Website: http://openaccesspub.org/journals/jcrhap/view-article.php?art_id=40&jid=1)
 143. Academic Editor: Annual Research and Review in Biology
(<http://www.journalarrb.com/index.php/ARRB/about/editorialTeam>)
 144. Member, Editorial Board, Frontiers in Biological Chemistry (website)
(Website: <http://www.edinwilson.org/journal/fbc/editorialBoard.aspx>)
 145. Member, International Advisory Board, Saudi Journal of Biological Sciences, Elsevier
 146. Member, International Advisory Board, Jordan Journal of Biological Sciences (<http://jjbs.hu.edu.jo/>)
 147. Member, Editorial Board, Journal of Advances in Molecular Biology
(<http://www.isaacpub.org/EditorialBoard.aspx?ids=21>)
 148. Member, Editorial Board, Journal of Heterocyclics
(Website: http://edelweisspublications.com/edelweiss/editors.php?journal_id=23)
 149. Member, Editorial Board, Journal of Environment and Human,
(Website: <http://www.scipublish.com/journals/EH/>)
 150. Member, Editorial Board, Journal of Gene Therapy Aspects
(Website: <http://www.hoajonline.com/genetherapy/editorialboard>)
 151. Member, Editorial Board, American Journal of Biochemistry
(<http://www.sapub.org/Journal/editorialdetails.aspx?JournalID=1012&PersonID=16083>)
 152. Member, Editorial Board, Annals of Cancer Research (Website: <http://www.vipoa.org/cancer/editorialboard>)
 153. Member, Editorial Board, Current Trends in Biomedical and Life Sciences (Website: [jujournals.net.in](http://www.jujournals.net.in))
 154. Member, Editorial Board, Journal of Environment and Health (Scientific Online Publishing,
(Website: www.scipublish.com/journals/EH/; USA)
 155. Member, Editorial Board, ProJournal of Natural Sciences (Website: <http://www.projournals.org/PNSR/editor.php>)
 156. Member, Advisory Board, International Journal of Advance Research and Technology (IJART)
(Website: <http://www.ijartjournal.com/EditorialBoard.aspx>)
 157. Member, Editorial Board, International Journal of Cancer Research & Therapy
(Website: <http://www.opastonline.com/editorial-board-ijcrt/>)
 158. Member, Editorial Board, International Journal of Pharmacology, Phytochemistry and Ethnomedicine.
(Website: <http://www.scipress.com/IJPE/EditorialBoard>)
 159. Member, Advisory Board, World Research Journal of Biotechnology (MembersipNo.0160FB951B).
(Website: <http://bioinfopublication.org/journal.php?opt=azjou&jouid=BPJ0000297&detail=editorial#>)
 160. Member, Editorial Board, Current Advances in Chemistry Research (CACR)
(Website: http://www.vkingpub.com/HTML/CurrentAdvancesinChemistryResearch_1541_178.html)
 161. Member, Editorial Board, Current Life Sciences
(Website: <http://www.journals.tmkarpinski.com/index.php/cls/pages/view/editors>)
 162. Member, Editorial Board, Bioengineering and Bioscience
(Website: http://www.hrpub.org/journals/jour_editorialboard.php?id=1)
 163. Member, Editorial Board, Biotechnology and Molecular Biology Reviews
(Website: <http://www.academicjournals.org/journal/BMBR/editors>)
 164. Member, Editorial Board, Academic Journal of Biotechnological Research
(Website: <https://www.xournals.com/academic-journal-of-biotechnological-research/info/editorial-board>)
 165. Member, Editorial Board, DAMA International, (Website: <http://www.sciencejournal.in/contact-us/>)
 166. Member, Editorial Board (International)-Cellular and Molecular Biology, France
(Website: <https://www.cellmolbiol.org/index.php/CMB>)
 167. Member, Editorial Board, Journal of Enzymology and Metabolism
(Website: <http://www.opensciencepublications.com/journal-of-enzymology-and-metabolism/editorial-board-3>)
 168. Member, Editorial Board, Health Care Research and Public Safety Journal
(<https://chembiopublishers.com/HRPSJ/editorial-board.php>)
 169. Member, Editorial Board, Journal of Gene Therapy Aspects
(Website: <http://www.hoajonline.com/genetherapy/editorialboard>)
 170. Member, Editorial Board, Journal of Microscopic Creatures (JMC)

- (Website:<http://www.annexpublishers.com/editorial-board/member/708/Bechan-Sharma-Journal-of-Microscopic-Creatures/>)
171. Member, Editorial Board, Journal of Microbiology and Modern Techniques
(Website: <http://www.annexpublishers.com/journals/journal-of-microscopic-creatures/editorial-board.php>)
 172. Member, Editorial Board, Journal of Parasitic Diseases (JOPD)
(Website: http://www.parasitologyindia.org/executive_committe.htm)
 173. Member, Editorial Board, Journal of Toxicological Studies (JTS)
(Website: <https://ojs.acad-pub.com/index.php/JTS/about/editorialTeam>)
 174. Member, Editorial Board, MedLife Clinics
(<http://www.medtextpublications.com/medlife-clinics-editorial-board.php>)
 175. Member, Editorial Board, Oncology (Website:<http://www.scholox.org/journals/cancer/editorial-board.php>)
 176. Member, Editorial Board, Scifed Journal of Flue Science (<http://scifed.com/journal-of-flu-science/editorial-board.php>)
 177. Member, Editorial Board, SCIREA Journal of Biology (Website:<http://www.scirea.org/journal/Biology>)
 178. Member, Editorial Board, The Open Toxicology Journal
 179. Member, Editorial Board, The Open Bioactive Compounds Journal
(website: <https://openbioactivecompoundjournal.com/editorial-board.php>)
 180. Member, Editorial Board, Toxics, (website https://www.mdpi.com/journal/toxics/editors?page_no=5)
 181. Member, Editorial Board, Virology : Current Research (Website;
(<https://www.hilarispublisher.com/virology-current-research/editorial-board.html>)
 182. Member, Editorial Board, Vedic Journals
(<http://www.vedicjournals.com/index.php/PM/about/editorialTeamBio/37>)
 183. Member, Editorial Board, Wastewater Purification journal (website: <https://infocuspublications.com/editor-chief>)
 184. Member, Editorial Review Board, Journal of American Academic Research (JAAR)
(Website: <https://www.american-journals.com/about>)

Member: Advisory Board

1. **Institute of Biotechnology and Allied Sciences Training and Research Centre**, Opp. Laxmi Area Machine, Near Samarhpura Govt. School, Piprali Road Sikar (Raj.)332001 Tel.:01572240912, [Email:info@ibarc.com](mailto:info@ibarc.com), [www. ibarc.com](http://www.ibarc.com)

2. World Research Journal of Biotechnology

(<http://bioinfopublication.org/journal.php?opt=azjou&jouid=BPJ0000297&detail=editorial#>)

Invited Talks: Presented many talks at several Institutes of CSIR, ICMR, Universities/Colleges in India and abroad such as Iran (1998), USA (2000-2002,2011, 2014), Italy (2006), Kuwait (2007), France (2007,2008), Thailand (2008), Brazil (2009), Germany (2010), HongKong (2017,2018), Japan (May 2020, October 2020).

Extension of Education in Science: Addressed various social issues such as Population Explosion and Management in India, awareness about Environmental pollution and HIV/AIDS through mass media &. Some details are available online at <http://proteins.wikiprofessional.org/index.php/Concept:109906369>

List of candidates awarded with Ph.D. degree under supervision of Prof. B. Sharma

S.No.	Name of candidate	Title of Thesis	Year of PhD award
1.	Dr. Nikhat J. Siddiqi	Studies on oxidative stress/antioxidant defense systems and interferons during malaria infection	1997
2.	Dr. Rajendra Kumar Singh	Studies on the effect of organocarbamate pesticide, carbofuran, on non-target aquatic teleost, <i>Clarias batrachus</i>	1999
3.	Dr. Sandhya Srivastava	Studies on methemoglobinemia during experimental malaria and anti malarial treatment	1999
F4.	Dr. Dhruv Sharma	Impact of cypermethrin (synthetic pyrethroids) on the blood and tissues of <i>Clarias batrachus</i> .	2001
5.	Dr. Ippagunta Sirish Kumar	Hepatitis E virus in sewage: Studies on frequency and seasonal variation	2008
6.	Dr. Devendra K Rai	Studies on organocarbamate induced alterations in mammalian (rat) brain	2010
7.	Dr. Aradhna Gupta	Biochemical studies on the interactions of bioaccumulated toxicants in some fish species	2011
8.	Dr. Anita Singh	Low temperature acclimative studies on silk worm, <i>Philosamia ricini</i>	2011
9.	Dr. Ratnesh Sharma	Studies on pesticides induced biochemical alterations in human blood	2012
10.	Dr. Sunil K. Jaswal	Biochemical studies on the pesticide induced stress in mammalian system and its possible amelioration	2015
11.	Dr. Neeharika Srivastava	Studies on the evaluation of the biological activities of some plant extracts	2017
12.	Dr. Aishwarya Singh	Production and Applications of α -galactosidases from some	2018

	Chauhan	identified Fungal species: A Biochemical Study	
13.	Dr. Vivek Kumar Gupta	Biochemical studies on some biomarkers of xenobiotics exposure	2020
14.	Dr. Ms. Swati Prabha Gupta	Studies on the anticancer potential of <i>Euglena tuba</i>	2022
15.	Dr. Khushboo	Studies on the fluoxetine mediated consequences in rat: protective effect of phytochemicals	2023
16.	Dr. Nitika Singh	Studies on the synergistic effects of lead and cartap and implications of phytochemicals in rat	2023
17.	Dr. Abhishek Kumar	Studies on interaction of cadmium and lead with some biochemical indices in mammalian system and amelioration by phytochemicals	2023
18.	Dr. Jyotsna Jaiswal	Phytochemical analysis and biochemical characterization of some medicinal plant extracts with special reference to their antioxidative and antimicrobial potential	2023
19.	Dr. Priyanka Tiwari	Studies on biochemical interactions of corticosteroids in mammalian system: consequences and phytoremediation	2024

Mentor for the Post Doctoral Fellows

S. No.	Name of Post Doctoral Fellows	Funding agency	Year
1.	Dr. Ms. Ayesha Khan	Research Associate-CSIR, New Delhi	1995-1998
2.	Dr. Sanjeev Kr. Maurya	Dr. DS Kothari PDF, UGC-New Delhi	2006-2007
3.	Dr. Sanjay Kumar	Dr. DS Kothari PDF, UGC, New Delhi	2007-2008
4.	Dr. Ms. Shweta Singh	Dr. DS Kothari PDF, UGC-New Delhi	2008-2010
5.	Dr. Ms. Reetika Sigh	NPDF-DST, New Delhi	2016-2018
6.	Dr. Pawan Kumar Dohare	Dr. DS Kothari PDF, UGC-New Delhi	2019-2021
7.	Dr. Anusha Singh	Dr. DS Kothari PDF, UGC-New Delhi	2021-Left

Extra Curricular Activities

1978 Inter Collegiate Debate Champion at District Level

1980-todate Several Scientific Talks / Interviews broadcasted through All India Radio

1988-todate Several Scientific Interviews Published in News Papers (AmarUjala, DainikJagran)

1997-2000 Contributed in Organizing Youth Festivals at Dr.R.M.L.Avadh University, Faizabad

2003-2004 Live Telecast by E-TV, Sahara TV of my Interviews on HIV-1 Infection in India

2008 June 15 Delivered a talk at The National Academy of Sciences-India, Allahabad on HIV and AIDS (Web site: <http://nasi.nic.in/DNA%20Club.htm>)

2009 Opinion on **Stem-cell transplant wipes out HIV** by Hütter, G. *et al. N. Engl. J. Med.* **360**, 692–698 (2009). NatureNews, Published online 11 February 2009 | Nature | doi:10.1038/news.2009.93, <http://www.nature.com/news/2009/090211/full/news.2009.93.html>

2009 Opinion on **Nano-delivery could help tackle HIV** by Woodrow K.A. *et al. Nature Mater.* advanced online publication doi: 10.1038/NMAT2444 (2009). Published online 3 May 2009 | Nature | doi:10.1038/news.2009.435, <http://www.nature.com/news/2009/090503/full/news.2009.435.html>

2010 Opinion on **New Drug in Store to Fight AIDS?** in Times in India, May 06 (Web site: <http://aidssupport.aarogya.com/news-and-events/new-drug-in-store-to-fight-aids>)

2010 May 09 Delivered a talk at The National Academy of Sciences-India, Allahabad on PCR: Principle and Applications (Web site: <http://nasi.nic.in/DNA%20Club.htm>)

2017 Tribute to Mark Wainberg (Eds: Eric J. Arts, Anne Gatignol, Andrew J. Mouland, Chen Liang, Matthias Götte and Hugo Soudeyns). *RETROVIROLOGY* **14**:38; DOI 10.1186/s12977-017-0361-6

Publications

PubMed articles: <https://pubmed.ncbi.nlm.nih.gov/?term=+sharma+b.+university+of+allahabad>

Molecular Virology/ Microbiology/Biotechnology (57)

- Mukta Rajotia and **Bechan Sharma** (2025) A review on green approaches on waste to wealth strategies for biobutanol production. BIOMASS CONVERSION AND BIOREFINERY (accepted)
- Mukta Rajotia, Sudesh Kumar and **Bechan Sharma** (2024) Production of n-butanol from biomass by two step fermentation process using *Staphylococcus sciuri*. INTERNATIONAL JOURNAL OF BIOCHEMISTRY AND BIOMOLECULES RESEARCH. **2**(2): 18-31. <https://journals.stmjournals.com/ijbbr/article=2024/view=190689>
- Mukta Rajotia, Subrata Panda, Sudesh Kumar and **Bechan Sharma** (2024) Revolutionizing waste cooking oil: enhancing quality and physicochemical properties through silica embedded chitosan membrane. *INTERNATIONAL JOURNAL OF BIOLOGICAL INNOVATIONS* **6**(2):153-163.
- Siddharth Prakash, Gopal Nath, **Bechan Sharma** and Prakhhar Gupta (2024) Incidence of coinfection of dengue and chikungunya in southeastern region of Uttar Pradesh. *INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH*. **13**(09). DOI:

5. Ayushi Sharma, Anjana Goel, Nandini Gupta and Bechan Sharma (2023) Phytochemicals from *Nyctanthes arbor-tristis* and their biomedical implications. J. MED PHARMACEUTICAL AND ALLIED SCIENCES, V 12 - I4, 6012-6020. Doi: <https://doi.org/10.55522/jmpas.V12I4.5284>.
6. Sunanda Kulshrestha, Anjana Goel, Nikhat Siddiqi, Sabiha Fatima, and Bechan Sharma (2023) Cancer-Preventive Activity of *Argemone mexicana* Linn Leaves and Interpretation of Its Orchestral Effect on TNF- α and NF- κ B Signaling Modulation in DMBA/TPA Induced Skin Cancer Mice Model. CANCERS. 15, 5654. DOI: <https://doi.org/10.3390/cancers15235654>
7. Neerja Shukla and **Bechan Sharma** (2023) Quantitative structure-activity relationship (QSAR) modelling of indomethacin derivatives using regression analysis. CURRENT MEDICINAL CHEMISTRY. doi: 10.2174/0109298673245890231004152136 (Ahead of Print) **IF: 4.74**
8. Shweta Singh, **Bechan Sharma**, Gourdas Choudhuri (2023). Clinical study of chronic pancreatitis patients in North Indian population and its outcome. JOP. J PANCREAS. (2023) 24:792
9. Jyotsna Jaiswal; Siddiqi, N.J.; Fatima, S.; Abudawood, M.; AlDaihan, S.K.; Alharbi, M.G.; de Lourdes Pereira, M.; Sharma, P.; **Bechan Sharma** (2023). Analysis of Biochemical and Antimicrobial Properties of Bioactive Molecules of *Argemone mexicana*. MOLECULES **28**, 4428. <https://doi.org/10.3390/molecules28114428>. **IF 4.982**
10. Mohamad Sitheek Abdul Rahman, Sivakumari Kanakarajan, Rajesh Selvaraj, Ashok Kamalanathan, Sabiha Fatima, Manal Abudawood, Nikhat J. Siddiqi, Humidah Alanazi, **Bechan Sharma** and Maria de Lourdes Pereira (2023). Elucidation of the Anticancer Mechanism of Durian Fruit (*Durio zibethinus*) Pulp Extract in Human Leukemia (HL-60) Cancer Cells. NUTRIENTS **15**, 2417. Website: <https://doi.org/10.3390/nu15102417>. **IF 5.717**
11. Khushboo, Priyanka Kumari, Anup Som and **Bechan Sharma** (2023) (2-Cyclohexyl-1-methylpropyl) cyclohexane isolated from garlic extract exhibits antidepressant-like activity: Extraction, docking, drug-like properties, molecular dynamics simulations and MM/GBSA studies. JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS (TBSD) **42**(4):1765-1777. doi: 10.1080/07391102.2023.2202250, **IF:5.235**
12. Pawan Kumar Doharey, Pravesh Verma, Amit Dubey, Sudhir Kumar Singh, Manish Kumar, Timir Tripathi, Mona Al Alonazi, Nikhat Jamal Siddiqi, and **Bechan Sharma** (2023) Conformational Dynamics During Unfolding of *Brugia malayi* Protein Disulfide Isomerase Reveals Molecular Basis of Structure-Function Relationship. JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS (TBSD) **42** (3) DOI:10.1080/07391102.2023.2201849, **IF:5.235**
13. Shweta Singh, Goel M, **Sharma Bechan** (2022). Evaluation of phytochemicals from Indian traditional medicinal plants as anti-HIV-1 Drugs. J HUM VIROL RETROVIROL. **9**(3):84–87. DOI: 10.15406/jhvr.2022.09.00254.
14. Khushboo, Siddiqi NJ, **Sharma Bechan** (2022) Pathophysiology of SARS-CoV2 Mediated Depression, Therapeutics and Consequences: A Comprehensive Narrative. MINI REVIEWS IN MEDICINAL CHEMISTRY. **23**(2):217-229. doi: 10.2174/1381612828666220603150637, **IF: 3.862**
15. Upadhyay SK, Srivastava A, Rajput VD, Chauhan PK, Bhojiya AS, Jain D, Chaubey G, Dwivedi P, **Sharma Bechan** and Minkina T (2022) Root exudates: mechanistic insight of plant growth promoting rhizobacteria for sustainable crop production. FRONTIERS IN MICROBIOLOGY MICROBIAL SYMBIOSES. **13**: published online. <https://doi.org/10.3389/fmicb.2022.916488> **IF: 6.024**
16. Jyotsna Jaiswal, Pawan Kumar Doharey, Reetika Singh, Priyanka Tiwari, Nitika Singh, Abhishek Kumar, Vivek Kumar Gupta, Arif Jamal Siddiqui, and **Bechan Sharm** (2022) Biochemical Characterization of different Chemical Components of *Parthenium hysterophorus* and their Therapeutic Potential against HIV-1 RT and Microbial Growth. BIOMED RESEARCH INTERNATIONAL. Volume 2022 |Article ID 3892352 | <https://doi.org/10.1155/2022/3892352> **IF: 3.246**
17. Swati Prabha Gupta, Nikhat Jamal Siddiqi, Haseeb A. Khan, Salman H. Alrokayan, Abdullah S. Alhomida, Rishi Kant Singh, Praveen Kumar Verma, Sandeep Kumar, Arbind Acharya, **Bechan Sharma** (2022). Phytochemical Profiling of Microalgae *Euglena tuba* and Its Anticancer Activity in Dalton's Lymphoma Cells. FRONTIERS IN BIOSCIENCE LANDMARK **27**(4): 120. **IF:4.009**
18. Jyotsna Jaiswal, Nitika Singh, Vivek Kumar Gupta, Pawan Kumar Doharey, Nikhat J. Siddiqui and **Bechan Sharma** (2022) Pharmacological Chemistry and Biomedical Implications of Chemical Ingredients from *Parthenium hysterophorus*. CURRENT TOPICS IN MEDICINAL CHEMISTRY, **22**(23):1950-1965. doi: 10.2174/1568026622666220307145027, **IF: 3.57**
19. Reetika Singh, Christophe Hano, Francesco Tavanti, **Bechan Sharma** (2021) Biogenic synthesis and characterization of antioxidant and antimicrobial silver nanoparticles using flower extract of *Couroupita guianensis* Aubl. MATERIALS **14** (22), 6854. <https://doi.org/10.3390/ma14226854>; **IF:3.623**
20. Charu Sonkar; Pawan Kumar Doharey; Anuranjan Singh Rathod; Vishal Singh; Dharmendra Kashyap; Amaresh Kumar Sahoo; Nitish Mittal; **Bechan Sharma**; Hem Chandra Jha (2021) Repurposing of Gastric Cancer drugs against COVID-19. COMPUTERS IN BIOLOGY AND MEDICINE. **137**: <https://doi.org/10.1016/j.compbiomed.2021.104826> **IF:4.589**
21. Pawan Kumar Doharey, Vishal Singh, Mallikarjuna Rao Gedda, Amaresh Kumar Sahoo, Pritish Kumar Varadwaj, and **Bechan Sharma** (2021) In silico study indicates antimalarials as direct inhibitors of SARS-coV-2 RNA dependent RNA polymerase. JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS. **40**(12): DOI: 10.1080/07391102.2021.1871956 **IF 3.2**
22. Amit Dubey, Vishal Singh, Pawan Kumar Doharey, Md Palashuddin SK, Sintu Kumar Samanta, Vijay Nema, **Bechan Sharma**, Pritish Kumar Varadwaj, and Amaresh Kumar Sahoo (2021) Modulating Catalytic Activity of Human Topoisomerase II α Enzyme by Fluorescent Gold Nanoclusters. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES **170**, 523-531, DOI: [10.1016/j.ijbiomac.2020.12.129](https://doi.org/10.1016/j.ijbiomac.2020.12.129) **IF 5.1**

23. **Bechan Sharma** (2020) Neurologic Disorders in the People Infected with HIV Receiving Antiretroviral Therapy JOURNAL OF NEUROINFECTIOUS DISEASES **11**(1):1-2. e108 Editorial
24. Jyotsna Jaiswal and **Bechan Sharma** (2020). A Comparative Study of Antimicrobial and Pharmacological Properties of *Argemone mexicana*, *Solanum xanthocarpum* and *Thevetia peruviana*. ACTA SCIENTIFIC MICROBIOLOGY **3**(3): 01-05.
25. Keiko Ishizuka, Yuto Tsutsumi, Misato Baba, Radhika Biyani, Chen Wei Meng, Manish Biyani, Masahiro Takagi, Jyotsna Jaiswal, **Bechan Sharma**, Kenji Kojima, Teisuke Takita, and Kiyoshi Yasukawa (2020) Inhibition of HIV-1 Reverse Transcriptase Activity by the Extracts of Indian Plants. JOURNAL OF BIOLOGICAL MACROMOLECULES **20**(1):17-22. <http://jsb.gr.jp/jbm/2020/2001.html>, IF:4.784
26. Khushboo and **Bechan Sharma** (2019) Factors inducing depression as effective tool in therapy. MEDICAL AND CLINICAL ARCHIVES **3**:3-4. doi: 10.15761/MCA.1000163
27. Shweta Singh, **Bechan Sharma** and Nikhat J Siddiqi (2019) Nucleoside and nucleotide reverse transcriptase inhibitors induce aging by inhibiting telomerase function. JOURNAL OF CLINICAL RESEARCH IN HIV AIDS AND PREVENTION (JCRHAP) **3**(4):20-27.
28. Reetika Singh, Abhigyan Nath, **Bechan Sharma** (2019) Docking Studies of HIV-1 Reverse Transcriptase and HIV-1 Integrase with Phytocompounds of *Carissa Carandas* L. JOURNAL OF CLINICAL RESEARCH IN HIV AIDS AND PREVENTION **3**(4): 10-19.
29. Neetika Singh, **Bechan Sharma** (2019) Role of Toxicants in Oxidative Stress Mediated DNA Damage and Protection by Phytochemicals". EC PHARMACOLOGY AND TOXICOLOGY **7.5** (2019): 325-330.
30. Neetika Singh, **Bechan Sharma** (2019) Comparative Phytochemical Characterization of the *Argemone mexicana* and *Thevetia peruviana* Leaves extracts, ASIAN JOURNAL OF BIOLOGICAL SCIENCES, **13**: 264-269.
31. SG Klochkov, ME Neganova, NS Yarla, M Parvathaneni, **Bechan Sharma**, VV Tarasov, G Barreto, SO Bachurin, GM Ashraf, G Aliev (2019) Implications of farnesyltransferase and its inhibitors as a promising strategy for cancer therapy. SEMINARS IN CANCER BIOLOGY **56**:128-134. doi:10.1016/j. IF: **17**:082
32. **Bechan Sharma** (2018) Human immunodeficiency virus type 1 reverse transcriptase (HIV-1RT) catalysed misinsertion and mispair extension and drug resistance. In: Proceedings of an International Conference on Trends in Biochemical and Biomedical Research: Advances and Challenges. RESEARCH REPORTS **2**:e1-e205. doi:10.9777/rr.2018.1001-10319 (www.companyofscientists.com/index.php/chd)
33. Manish K Singh, **Bechan Sharma** and PK Tiwari (2017) The small heat shock protein Hsp27: Present understanding and future prospects. JOURNAL OF THERMAL BIOLOGY **69**:149–154; IF 2.23
34. **Bechan Sharma** and Shweta Singh (2016) HIV-AIDS and aging. Challenges and management. JOURNAL OF HUMAN VIROLOGY AND RETROVIROLOGY **3**(5): 1-6; 00109
35. Shweta Singh, **Bechan Sharma** and Nikhat Siddiqi (2016) Hydrazones as prospective antiHIV agent. EUROPEAN JOURNAL OF BIOMEDICAL AND PHARMACEUTICAL SCIENCES, **3**(4): 454-458.
36. **Bechan Sharma** (2015) Advances in development of integrase inhibitors as antiHIV1 regimen. JOURNAL OF HIV & RETROVIRUSES, **1**(1): 1-3.
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Biotechnological Advances, Phytochemical Analysis and Ethnomedical Implications of Sapindus species, Hardcover – 6 January 2020 by Reetika Singh & Bechan Sharma, Springer Verlag, Singapore (<https://rd.springer.com/book/10.1007/978-981-32-9189-8>), Pages: 133; ISBN-10 : 9813291885; ISBN-13 : 978-9813291881

Biochemical Studies on Some Biomarkers of Xenobiotic Exposure. Hardcover, Publication Date: April 15, 2021. By Vivek Kumar Gupta and **Bechan Sharma**, Nova Science Publishers, Inc. NY, USA. ISBN: 978-1-53619-381-7. (Website: <https://novapublishers.com/shop/biochemical-studies-on-some-biomarkers-of-xenobiotic-exposure/>)

Environmental Damage to DNA and the Protective Effects of Phytochemicals. Publication date: August 3, 2021 by **Bechan Sharma** and Nitika Singh, CRC Press, Taylor & Francis group. ISBN 9780367358228 (Website: <https://www.routledge.com/Environmental-Damage-to-DNA-and-the-Protective-Effects-of-Phytochemicals/Sharma-Singh/p/book/9780367358228>)

Research Protocols in Molecular Biology Developed (03)

1. Geeta Watal, A. Watal, P. K. Rai, D. K. Rai, G. Sharma and **Bechan Sharma** (2013). Biomedical Applications of Nano-antioxidant. Eds. Donald Armstrong and Dhruva J. Bharali (eds.), Oxidative Stress and Nanotechnology: Methods and Protocols, METHODS IN MOLECULAR BIOLOGY SERIES, vol. 1028, DOI 10.1007/978-1-62703-475-3_9, © Springer Science+Business Media New York, Citation 16
2. **Bechan Sharma**, D.K. Rai, Prashant K Rai, Dolly Jaiswal, S.I. Rizvi and Geeta Watal (2010). Determination of erythrocytes osmotic fragility as an indirect indicator of xenobiotics induced oxidative stress. In: METHODS IN MOLECULAR BIOLOGY SERIES: 594:123-128. Advanced Protocols in Oxidative Stress II (Ed. Donanld Armstrong, Florida, USA), Humana Press, UK, Citation 21
3. Geeta Watal, **Bechan Sharma**, Prashant K Rai, Dolly Jaiswal, D.K.Rai, N.K.Rai and A.K.Rai (2010). LIBS-based detection of antioxidant elements: a new strategy. In: METHODS IN MOLECULAR BIOLOGY SERIES, Vol.594:275-285: Advanced Protocols in Oxidative Stress II (Ed. Donanld Armstrong, Florida, USA), Humana Press, UK, Citation 8.

Book Chapters: 34

1. Jyotsna Jaiswal, Anju Kaicker and **Bechan Sharma** (2024) HIV-1 infection associated neurological disorders and therapeutic role of phytochemicals. (Eds: Anchal Singh) In: Neuropsychiatric Complications in HIV, published from Academic Press, USA.
2. Shweta Singh, Parveen Bhati and **Bechan Sharma** (2024) HIV1 infectionj mediated neuropsychiatric complications. (Eds: Anchal Singh) In: Neuropsychiatric Complications in HIV, published from Academic Press, USA.
3. Aradhna Gupta, Anju Kaicker, Nikhat Jamal Siddiqi and **Bechan Sharm** (2024) Indian Exotic Spices and Their Health Effects: Celery (*Apium graveolens*). In: Medicinal Spices and Herbs from India. pp 15, CRC Press- eBook ISBN9781003511694
4. Nikhat J. Siddiqi, Sabiha Fathima, Sooad K. Aldaihan, Hanan A. Balto, **Bechan Sharma** (2022) Exploration of nanotherapeutics in COVID-19. In: Nanomaterials and Nanotechnology, Eds Tabish Kidwai.
5. Nikhat Jamal Siddiqi, Sabiha Fatima, **Bechan Sharma** and Mohamed Samir Elrohb (2021) In utero neurotoxicity of nanoparticles. In: Neurotoxicity-New Advances. DOI: <http://dx.doi.org/10.5772/intechopen.101452>, pp.1-19. Academic Editor: Suna Sabuncuoglu, IntechOpen, London%
6. Priyanka Tiwari, Rashmi Pandey, Reetika Singh and **Bechan Sharma** (2020) Role of natural products as alternative of synthetic steroidal drugs. In: Patra J., Shukla A., Das G. (eds) Advances in Pharmaceutical Biotechnology. Springer, Singapore, pp 77-89. (https://rd.springer.com/chapter/10.1007/978-981-15-2195-9_7)
7. Sónia M. R. Oliveira, Elsa Dias, Henrique M. A. C. Fonseca, Helena Silva, Ana Paula Girol, Bechan Sharma and Maria de Lourdes Pereira (2020) CCl4 Intoxication: Prophylatic and Therapeutic Properties of Some Medicinal Plants. In: Leon V. Berhardt (ed.) Advances in Medicine and Biology, Vol 163, pp.81-120. Nova Science Publishers, Inc. New York
8. Khushboo, Bechan Sharma. Neurochemical signaling in psychosomatic disorders with special reference to depression: impact of target-based pharmaceuticals. Neurochemical Systems and Signaling: From Molecules to Networks. (Eds. Sahab Uddin & Ghulam Md Ashraf) *CRC Press, a Taylor & Francis Group*.2020 (In Press)
9. Neetika Singh, and **Bechan Sharma** (2020) Phytochemicals as Therapeutics in Heavy Metal Toxicity. In: Patra J., Shukla A., Das G. (eds) Advances in Pharmaceutical Biotechnology. Springer, Singapore, pp.91-100. (https://rd.springer.com/chapter/10.1007/978-981-15-2195-9_7)
10. Khushboo, Abhishek Kumar, and **Bechan Sharma** (2020) Phytochemicals as Antidepressants. In: Patra JK., Shukla A., Das G. (Eds) Advances in Pharmaceutical Biotechnology. Springer, Singapore, pp. 115-132. https://rd.springer.com/chapter/10.1007/978-981-15-2195-9_7
11. Reetika Singh, Priyanka Tiwari, **Bechan Sharma**, Camilo Guerrero-Perilla, and Ericsson Coy-Barrera (2020) Analysis of polyacetylenes. In: Recent Advances in Natural Products Analysis (Eds: Silva A.S., Nabavi, S.F., Saeedi, M., Nabavi, S.M.) Elsevier Inc, pp.707-721. Book Chapter 23. (<https://www.elsevier.com/books/recent-advances-in-natural-products-analysis/nabavi/978-0-12-816455-6>)

12. Reetika Singh, Priyanka Tiwari, Nishi Kumari, and **Bechan Sharma** (2020) Biomedical Applications of Green Synthesized Nanoparticles. In: Patra J., Shukla A., Das G. (eds) *Advances in Pharmaceutical Biotechnology*. Springer, Singapore, pp. 235-246. https://rd.springer.com/chapter/10.1007/978-981-15-2195-9_7
14. Reetika Singh and **Bechan Sharma** (2019) Morphological Characteristics of Sapindus Species. In: *Biotechnological Advances, Phytochemical Analysis and Ethnomedical Implications of Sapindus species*. DOI: 10.1007/978-981-32- 9189-8_2
15. Neetika Singh, Abhishek Kumar, **Bechan Sharma** (2019) Role of Fungal Enzymes for Bioremediation of Hazardous Chemicals. In: Yadav A., Singh S., Mishra S., Gupta A. (eds) *Recent Advancement in White Biotechnology Through Fungi*. Fungal Biology, pp.237-256. Springer, Cham. https://doi.org/10.1007/978-3-030-25506-0_9
16. Rashmi Pandey, Priyanka Tiwari, Ved Prakash, Vivek Kumar Gupta and **Bechan Sharma** (2019) Free Radicals and Antioxidant Defense in Asthma. In: *Oxidative Stress and Antioxidant Defense: Biomedical Value in Health and Diseases*. Eds: Md. Sahab Uddin and Aman B. Upananlawar, Nova Science Publisher, NY, USA. SBN: 978-1-53615-687-4, Chapter 10. Hardcover ISBN: 978-1-53615-687-4, eBook ISBN: 978-1-53615-688- (<https://novapublishers.com/shop/oxidative-stress-and-antioxidant-defense-biomedical-value-in-health-and-diseases/>)
16. Reetika Singh and **Bechan Sharma** (2018) Application of Hairy-Root Culture Technology in Phytoremediation for Environmental Cleanup: Past, Present, and Future Outlook. In: *Recent Advances in Environmental Management* (Eds. R.N.Bhargava), CRC Press, Taylor and Francis Group, Boca Raton, London, New York. Chapter 22, pp 511-520. ([https://books.google.co.in/books?hl=en&lr=&id=loqADwAAQBAJ&oi=fnd&pg=PP1&dq=Recent+Advances+in+Environmental+Management+\(Eds.+R.N.Bhargava\),+CRC+Press&ots=ipWHKsZwu&sig=_100h_U62QH1UFsTqZbV1_YZGmA#v=onepage&q=application%20of%20hairy%20root&f=false](https://books.google.co.in/books?hl=en&lr=&id=loqADwAAQBAJ&oi=fnd&pg=PP1&dq=Recent+Advances+in+Environmental+Management+(Eds.+R.N.Bhargava),+CRC+Press&ots=ipWHKsZwu&sig=_100h_U62QH1UFsTqZbV1_YZGmA#v=onepage&q=application%20of%20hairy%20root&f=false))
18. Abhishek Kumar and **Bechan Sharma** (2018) Consequences of Heavy Metals Pollution in the Environment and Their Bioremediation Practices. In: *Recent Advances in Environmental Management* (Eds. R.N. Bhargava), CRC Press, Taylor and Francis Group, Boca Raton, London, New York, Chapter 11, pp 253-267. <https://books.google.co.in/books?id=Gfp0DwAAQBAJ&printsec=frontcover&dq=Recent+Advances+in+Environmental+Management&hl=en&sa=X&ved=0ahUKEwiKzuelnszoAhXZTX0KHWNnDIMQ6AEIKDAA#v=onepage&q=Abhishek&f=false>
19. Abhishek Kumar, Nitika Singh, Rukmani Pandey, Vivek Kumar Gupta and **Bechan Sharma** (2018) Biochemical and Molecular Targets of Heavy Metals and Their Actions. In: *Biomedical Applications of Metals*, (Eds.: Mahendra Rai, Avinash P. Ingle and Serenella Medici), © Springer International Publishing AG, part of Springer Nature 2018, pp.297-320. ISBN 978-3-319-74814-6 (<https://link.springer.com/book/10.1007%2F978-3-319-74814-6>)
20. Reetika Singh and Bechan Sharma (2018) Metal-Based Therapy in Traditional and Modern Medicine Systems. In: *Biomedical Applications of Metals*, (M. Rai et al. (Eds. Eds.: Mahendra Rai, Avinash P. Ingle and Serenella Medici), © Springer International Publishing AG, part of Springer Nature 2018, pp.195-211. ISBN 978-3-319-74814-6 (<https://link.springer.com/book/10.1007%2F978-3-319-74814-6>)
21. Yarla NS, Sukocheva O, Peluso I, Putta S, Veerabrahmachari P, Yadala R, Tiwari DK, Jagarlamudi S, Scotti L, Scotti MT, Reale M, Kamal MA, Ghulam A, **Bechan Sharma**, Parvathaneni M, Rao CV, Mannarapu M, Bishayee A (2017) Targeting Arachidonic Acid Pathway-Associated NF-κB in Pancreatic Cancer. In: *Role of transcription factors in Gastrointestinal malignancies*. Springer Nature Singapore Pte Ltd, (Eds: Nagaraju, Ganji Purnachandra, Bramha Chari, P. Veera), ISBN 978-981-10-6727-3, pp.401-410, Chapter 30.
22. Vivek K. Gupta and **Bechan Sharma** (2015) Environmental Hazards Due to Xenobiotics Contamination: Growing Risk to Human Health and Possible Remedies. In: *Green Social Work: Environmental Protection* (Eds. Alka Verma, UPRTOU-Allahabad).
23. **Bechan Sharma**, S. Singh, S.K. Jaiswal and N. J. Siddiqi (2015) Xenobiotics-mediated modulation of ATPases and biomedical implications. In: *ATPases*. Springer Publications (Eds: N. Dhalla and Sajal Chakraborti), Canada, ISBN 978-3-319-24748-9
24. S. Singh and **Bechan Sharma** (2014) Oxidative stress in Chronic Pancreatitis. In: *Oxidative Stress in Gastrointestinal Disorders* (Eds. D. Armstrong & S.Bharali; Humana Press, USA)
25. **Bechan Sharma** (2012) On the xenobiotics: Applications, metabolism, toxicity and management. In: *Global Warming and Climate Change*, pp.310-336. Published by APH Publishing Corporation, New Delhi. (Eds. BD Joshi, GC Pandey and Namita Joshi).
26. Anju Agrawal and **Bechan Sharma** (2012) Heavy metals contamination in the riverine systems and impact on the biological constituents of aquatic and mammalian systems. In: *Recent Advances in Agricultural Biotechnology*, pp. 345-360. Published by Society of Biological Sciences & Rural Development, Allahabad, India.
27. Abhay K. Pandey and **Bechan Sharma** (2011) Vaccines: Perspectives and Trends. In: *Recent Trends in Biotechnology*. (Eds. M.P. Singh, A. Agrawal and **Bechan Sharma**), NOVA Science Publishers, NY, USA. pp.59-76
28. Anju Agrawal and **Bechan Sharma** (2011): Cellular Metabolism: An Introduction. In: *In Silico Biology*. (Eds. Ashutosh K Singh and Pramod Katara), Banasthali Vidyapeeth, Jaipur, Rajasthan, India
29. Anju Agrawal and **Bechan Sharma** (2011) Genetically Modified Food: Prospects and Retrospects. In: *Recent Trends in Biotechnology*. (Eds. M.P. Singh, A Agrawal and **Bechan Sharma**), NOVA Science Publishers, NY, USA. pp.229-260.
30. Anju Agrawal and **Bechan Sharma** (2011) Advances and Applications of In Silico Drug Design. (Eds. M.P.Singh, A Agrawal and **Bechan Sharma**), NOVA Science Publishers, NY, USA, pp.105-124
31. Devendra K Rai, Anju Agrawal, **Bechan Sharma** (2010) Stem Cells Research: Prospect and Retrospect. In: *Recent Trends in Biotechnology*. (Eds. M.P.Singh, A Agrawal and **Bechan Sharma**), NOVA Science Publishers, NY, USA. pp.101-120. Website:

https://www.novapublishers.com/catalog/product_info.php?cPath=23_29&products_id=10885&osCsid=0b3ad2babca3010de9f3ba712202333c

32. Anju Agrawal and **Bechan Sharma** (2010): Proteomics, In: Recent Trends in Biotechnology. Vol.I. (Eds. M.P.Singh, A. Agrawal and **Bechan Sharma**), Nova Science Publishers-NY, USA, pp. 13-30
33. Anju Agrawal and **Bechan Sharma** (2009): Fisheries Management, Economics and Perspectives. In: "Fisheries: Management, Economics and Perspectives" (Editors: Nelson F. McManus and David S. Bellinghouse, Spain/USA). https://www.novapublishers.com/catalog/product_info.php?products_id=11470
34. **Bechan Sharma** and A. Agarwal (2007). Bioremediation: a review. In: Applications of Biotechnology (Eds. B.N. Tewari), pp.119-148, India.
35. **Bechan Sharma** (2007). Biodegradation of Xenobiotics. In: Applications of Biotechnology (Eds. B.N. Tewari), pp.9-29, India.

POPULAR ARTICLES AND NEWS (12)

- 1- **B. Sharma** (1991). Water pollution, its prediction and control, Swasth Hind, **XXXV**, (6), 149-150, 1991
2. **B. Sharma** (1993). Food adulteration and human health, Popular Science (Ministry of Sci. and Tech., J&K,2,(1) 25-27, 1993
3. **B. Sharma** & Raj Kishore (1998). On the toxicity of mustard oil adulterated with that of *Argemone Mexicana*. Vagyanik (BARC-Bombay) 1998
4. **B. Sharma** (1999) Argemone toxicity and our health (argemone vishaktata aur hamara swasthya). Jigyasa (IIT- Delhi), pp 4-8.
5. **B. Sharma** & Raj Kishore (1999), Nirvansh gene takniq: anuvanshiki samrajyawad ka mandarata naya khatarata, Vagyanik (BARC-Bombay), **31**, (1/2), 6-70.
6. P.P.Singh and **B. Sharma** (2004). Innovations in post literacy programme (PLP) through distance education: a case study of nyay panchayat-Madhampur, Block-Masaudha, District-Faizabad in U.P., India,. In: Proceedings of the PCF- Conference held at Dunedin, New Zealand, during July 4-8, 2004.
7. **B. Sharma** (2008). HIV/AIDS in India: Challenges and solutions: Lecture presented at National Academy of Sciences, India on June 15, 2008. Website: <http://nasi.nic.in/DNA%20Club.htm>
8. **B. Sharma** (2009). Stem-cell transplant wipes out HIV. Comments on stem cells research in curing HIV/AIDS (paper published by Hütter, G. *et al. N. Engl. J. Med.* **360**, 692–698, 2009). posted on 23rd April in Nature News, <http://www.nature.com/news/2009/090211/full/news.2009.93.html>
9. **B. Sharma** (2009). 3rd May, Nano-delivery could help tackle HIV: Comments on Tiny plastic particles could smuggle by therapies into cells by Nicola Jones. Published online 3 May 2009 Nature: doi:10.1038/news.2009.435; <http://www.nature.com/news/2009/090503/full/news.2009.435.html>
10. **B. Sharma** (2009). Fish lovers: Be ware of Pesticides. and collaborators, in TNN, Oct.14.2009. <http://timesofindia.indiatimes.com/city/allahabad/Fish-lovers-beware-of-pesticides/articleshow/5124678.cms>
11. **B. Sharma** (2009). HIV-1: A unique virus among other members of retrovirus family. Yuva Chetna. Magazine, University of Allahabad, pp.31-35.
12. **B. Sharma** (2017). Tribute to Prof. Mark Wainberg-CIRCA, Canada. *RETROVIROLOGY* (2017) 14:38; DOI 10.1186/s12977-017-0361-6
13. **B. Sharma** (2024). Cervical cancer in women: diagnosis, therapeutics and challenges in prevention and cure. AU Talk magazine, February 2024.

HEV genome sequences submitted on ncbi GenBank: 07

Gene Code	Details	Website
EU009119	Hepatitis E virus isolate KOL-16 RNA polymerase gene, partial cds gi 151547448 gb EU009119.1 151547448	http://www.ncbi.nlm.nih.gov/nuccore/151547448
EU009120	Hepatitis E virus isolate LKO-SEW-179 RNA polymerase gene, partial cds gi 151547450 gb EU009120.1 151547450	http://www.ncbi.nlm.nih.gov/nuccore/151547450
EU009121	Hepatitis E virus isolate LKO-SEW-160 RNA polymerase gene, partial cds gi 151547452 gb EU009121.1 151547452	http://www.ncbi.nlm.nih.gov/nuccore/151547452
EU009122	Hepatitis E virus isolate LKO-SEW-143 RNA polymerase gene, partial cds gi 151547454 gb EU009122.1 151547454	http://www.ncbi.nlm.nih.gov/nuccore/151547454
EU009123	Hepatitis E virus isolate LKO-SEW-070 RNA polymerase gene, partial cds gi 151547456 gb EU009123.1 151547456	http://www.ncbi.nlm.nih.gov/nuccore/151547456
EU009124	Hepatitis E virus isolate LKO-SEW-180 RNA	http://www.ncbi.nlm.nih.gov

	polymerase gene, partial cds gi 151547458 gb EU009124.1 [151547458]	v/nucore/151547458
EU009125	Hepatitis E virus isolate LKO-SEW-177 RNA polymerase gene, partial cds gi 151547460 gb EU009125.1 [151547460]	http://www.ncbi.nlm.nih.gov/nucore/151547460

Google Scholar Citation (Web site: <https://scholar.google.co.in/citations?user=4oGXy3UAAAAJ&hl=en>)

	All	Since 2020
<u>Citations</u>	15106	9729
<u>h-index</u>	51	40
<u>i10-index</u>	314	251

ABSTRACT / PAPER PRESENTATIONS IN NATIONAL / INTERNATIONAL CONFERENCES / SYMPOSIA / MEETINGS (299)

(Scholarly presentations: National 134, International 165; Plenary lectures: National 09, International 02; Scientific congresses: National 09, International 14)

1. **Bechan Sharma** (2025) Chaired a Technical Session in the International Conference on “Health and Agricultural Biotechnology: Interdisciplinary Trends” (HABIT-2025) organised by Department of Biotechnology of MNNIT-Prayagraj from February 28 - March 02, 2025.
2. **Bechan Sharma** (2025) Presided over a Symposium and National Science Day 2025 on ‘Science for Sustainable Future’ on February 28, 2025 at the Faculty of Science, University of Allahabad & delivered a Presidential Address on the occasion.
3. **Bechan Sharma** (2024) Molecular and Structural dynamics of HIV-1 RT and their correlations to drug resistance. A **Keynote Speaker** in the National Conference on Advanced Biotechnology and Biosystems, organised by the Department of Biotechnology, DDU Gorakhpur University, Gorakhpur, UP. On 11.11.2024 to 12.11.2024.
4. **Bechan Sharma** (2024) An insight into flexible architecture of catalytic pocket of HIV-1 RT and analysis of misinsertion efficiency and insensitivity to drugs. A **Keynote Speaker** in a National Conference on Bioinformatics and Biological Research (NCBBR) held on 21st-23rd November 2024, organized by the Department of Bioinformatics, Central University of South Bihar (CUSB).
5. **Bechan Sharma** (2024) Participated in a workshop on ‘Role of NRDC in Intellectual Property Rights in Commercialisation of Technology’ on September 07, 2024 at the University of Allahabad.
6. **Bechan Sharma** (2024) Lopinavir and ritonavir, the AntiHIV-1 proteases, as antiSARS-Cov2 agents: structural and functional insights. Invited talk in the international Keystone Symposia K1-Meeting on ‘K1 HIV and (re)emerging Viruses: Aligning Lessons Across Pandemics.’ At Hannover, Germany, April 8-12, 2024. Received **Global Health Award by Volkswagen Foundation**.
7. **Bechan Sharma** (2024) On the molecular architecture of HIV-1 and drug targets. An invited talk in the Conference Hall of the Department of Bioscience and Biotechnology at Banasthali Vidyapeeth-Jaipur Rajasthan on March 30, 2024. Received Certificate of Appreciation from Prof. dipiyoti Chakraborty, HoD and Convener, IQAC Initiative.
8. **Bechan Sharma** (2023) Modulation of HIV-1 reverse transcriptase structure and function with special reference to its interaction with antiHIV drugs. As a Key Note Speaker in the 64th Annual International Conference of Association of Microbiologists of India (AMI) on Microbes for Life-Life style for the environment: A strategy for wellbeing. Bundelkhand University, Jhansi, India on December 01-03, 2023.
9. **Bechan Sharma** (2023) Measuring preferred wrong nucleotide during HIV-1 replication and consequences. As a Key Note Speaker in the International Conference on, Technologies and Innovations for Sustainable Development (TISD2023). October 27-29, 2023 at MNNIT Prayagraj, India. Web site: <http://www.mnnit.ac.in/tisd/index.html>
10. **Bechan Sharma** (2023) Strategic therapeutic interventions to combat HIV-1. Pharmacists is strengthening community health. International Pharmacists Day 2023 at SHUATS-Naini, Allahabad. September 25, 2023
11. **Bechan Sharma** (2023) Molecular and structural dynamics of HIV-1RT, Drug resistance and Strategies. **Invited Talk** organized by Department of Biophysics at Eving Christian College, Allahabad on August 01, 2023.
12. **Bechan Sharma** (2023) Action of AntiHIV-1 RT drugs, mechanisms, mutations and drug resistance. **Invited Talk** for the Refresher Course organized by Guru Ghasidas Central University, Bilaspur, Chattisgarh, India on July 15, 2023.
13. **Bechan Sharma** (2023) Biology of SARS Cov2, challenges and solutions. **Invited Talk** for the Refresher Course organized by Guru Ghasidas Central University, Bilaspur, Chattisgarh, India on July 14, 2023.
14. **Bechan Sharma** (2023) HIV-1 RT : a potential drug target. **Invited Talk** for the Refresher Course organized by SRM University, Deva Road Barabanki, Lucknow. On July 13, 2023.
15. **Bechan Sharma** (2023) HIV-1 RT and its flexible pocket of active site: Insights in understanding the drug resistance mechanisms. **Plenary Talk. In:** Proceeding of a Symposium on Health and Diseases organized by Department of Zoology, AU-Allahabad, March15, 2023.
16. **Bechan Sharma** (2023) Causes and treatment of reproductive challenges in young women. **Plenary Talk, In:** Proceeding of a Symposium on Health and Diseases organized by Department of Zoology, AU-Allahabad, March15, 2023.
17. **Bechan Sharma** (2023) Molecular insights in understanding genetic plasticity and drug resistance in HIV-1: secondary metabolites as plausible antiHIV agents. **Plenary Lecture**, UGC-MHRD Faculty Induction Programme of AU-Allahabad, February 21, 2023.

18. **Bechan Sharma** (2023) Antiretrovirals induced Mutations, Drug Resistance & Strategies to Combat Challenges in AIDS Chemotherapy. **Plenary Lecture**, In the Proceedings of the National Seminar on New Dimensions of Life Science in the Perspective of Sustainable Development Goals, held at Mahatma Gandhi Rural University-Chitrakoot, M.P. on February 8-9, 2023. **Chaired** a technical session.
19. Jyotsna Jaiswal and **Bechan Sharma** (2023) Chromatographic analysis of phytochemicals from *Parthenium hysterophorus* and *Argemone mexicana* using Thin Layer Chromatography and Liquid Chromatography- Mass Spectrophotometry and biological applications. Proceedings of 'Advanced chromatography 2023' held on January 30-31 at Barcelona, Spain.
20. **Sharma** (2022) HIV-1RT: A Key drug target against AIDS. A plenary lecture on January 27-28, 2022. In: Proceedings of the Emerging trends in Biological Sciences, Dr. RML Avadh University, Ayodhya, India.
21. **Bechan Sharma** (2022) Anthropogenics, bioaccumulation and consequences. **Vigyan Ratan Samman** Organised by **Asian Biological Research Foundation (ABRF)**, Prayagraj, on December 23-24, 2022, in the International Conference on Environment & Society (4th ICES 2022) at Jiwaji University, Gwalior, MP.
22. **Bechan Sharma** (2022) On the molecular interplay between HIV-1 and host cells, viral pathogenesis and drug resistance. In: Proceedings of the International conference of Indian Network for Soil Contamination Research (INSCR) on 'Modulating the environment with Microbes' on November 8-11, 2022. **Key Note Speaker**
23. **Bechan Sharma** (2022) On the molecular interplay between HIV-1 and host cells, viral pathogenesis and drug resistance. In: Proceedings of the International conference of Indian Network for Soil Contamination Research (INSCR) on 'Modulating the environment with Microbes' on November 8-11, 2022. **Key Note Speaker**
24. **Bechan Sharma** (2022) On the molecular targets in SARS CoV2 against CoVID19. Proceedings of the National Conference on 'Novel targets for drug delivery' at NASI-Allahabad on September 30, 2022. **Invited talk**.
25. Abhishek Kumar and **Bechan Sharma** (2022). Neuroprotective action of Eugenol on Oxidative Stress-Dependent Apoptotic Death of DA Neurons in a Parkinson rat Model. Proceedings of ISN-APSN meeting at Honolulu Hawaii, USA on August 28, 2022 to September 01, 2022. Poster WTH10-07.
26. Khushboo and **Bechan Sharma** (2022). The antidepressant-like action of ethanolic extract of garlic is mediated by its antioxidant function Khushboo. Proceedings of ISN-APSN meeting at Honolulu Hawaii, USA on August 28, 2022 to September 01, 2022. Poster MTU10-01.
27. **Bechan Sharma** (2022) Attended an international webinar on 'Asia-Pacific HIV Prevention Meeting 2022' organised by the Virology Education, The Netherlands on August 10, 2022. A full waiver from the registration fee was granted by the organisers.
28. **Bechan Sharma** (2022) Unique features of SARS CoV2 posing challenges to chemotherapy. An invited talk delivered in a Refresher course on Biotechnology organized by DDU Gorakhpur University Gorakhpur on July 25, 2022.
29. **Bechan Sharma** (2022) The antimicrobial and antiHIV-1RT properties of *Parthenium hysterophorus* leaves extract. Invited talk in the "10th World Congress on Control and Prevention of HIV/AIDS, STDs & STIs" organised by ConferenceSeries.com at Berkshire in UK for two days i.e. July 20-21, 2022.
30. **Bechan Sharma** (2022) On the Structural Biology of SARS CoV2 and challenges in therapy of CoVID19. An inaugural talk in a DST-Govt. of India supported one-week long workshop on Molecular Biology, Microbiology, Nano technology and Biotechnology at Dr.RML Avadh University, Faizabad on May 28, 2022.
31. **Bechan Sharma** (2022) The Course on Clinical Pharmacology of SARS-CoV-2 Antivirals. Organised by The Clinical Pharmacology Course Team on May 17, 2022. Online; Website; <https://in.mail.yahoo.com/d/folders/1/messages/195330?.intl=in&.lang=en-IN&pspid=2114723002&activity=header-mail>
32. **Bechan Sharma** (2022) 'A global perspective of CoVID19 and environmental change'. In the proceedings of National Seminar on Social, Economic, Health and Environmental Challenges of India and their solutions in perspective of CoVID19 pandemic. Held at Dr. Shyama Prasad Mukherjee Government Degree College, Bhadohi, U.P. on March 27-28, 2022. **Key Note Talk**
33. **Bechan Sharma** (2022) attended online the HIV Prevention Review Meeting 2022, conducted by Virology Education, Utrecht, The Netherlands on March 30-31, 2022.
34. Aradhna Gupta, **Bechan Sharma**, Nikhat J Siddiqi (2022) Studies on Bioaccumulation of Toxins in The Sediment and Fishes of River Ganges. In: Proceedings of 2nd International Congress for Biological and Health Sciences held in Turkey on February 24-27, 2022. Abstract Book: ISBN No.978-605-71368-0-0.
35. **Bechan Sharma** (2021) attended online the HIV PREVENTION SUMMIT 2021, conducted by Virology Education, Utrecht, The Netherlands on December 01-02, 2021.
36. **Bechan Sharma** (2021) attended online the International Workshop on Monoclonal Antibodies for HIV, COVID-19, and Oncology 2021, conducted by Virology Education, The Netherlands on November 29-30, 2021.
37. **Bechan Sharma** (2021) attended online the International Workshop on Monoclonal Antibodies for HIV, COVID-19, and Oncology 2021, conducted by Virology Education, The Netherlands on November 29-30, 2021.
38. **Bechan Sharma** (2021) attended online workshop of The 3rd International Forum on HIV Treatment and Prevention in Asia-Pacific Region - November Edition, organised by Virology Education, The Netherlands, on November 26, 2021.
39. **Bechan Sharma** (2021) attended online an International Workshop on Approaches to combat CoVID19 in low- and middle-income countries, organised by Virology Education, The Netherlands, on November 23, 2021
40. **Bechan Sharma** (2021) attended online an International Workshop AIDSImpact 2021 | Webinar Series: on November 17, 2021. It was organized by AIDSImpact 2021.
41. **Bechan Sharma** (2021) attended an online conference on International Workshop on HIV Transmission 2021, organised by Virology Education, The Netherlands, on November 9-10, 2021.

42. **Bechan Sharma (2021)** attended an online conference on Latin American Stigma & Discrimination Forum 2021 organised by Virology Education, The Netherlands, on October 27, 2021.
43. **Bechan Sharma (2021)** attended an online Corona Virus Virtual Event Series, organised by Labroots, on October 15, 2021.
44. **Bechan Sharma (2021)** attended an online Liverpool Course 2021, organised by Virology Education, The Netherlands, on October 13, 2021.
45. **Bechan Sharma (2021)** attended an online international meeting of Nurses & Pharmacists HIV Clinical Forum 2021, organised by Virology Education, The Netherlands, on October 9, 2021.
46. **Bechan Sharma (2021)** attended an online WORKSHOP ON HEALTHY LIVING WITH HIV 2021 organised by Virology Education, The Netherlands, on October 1-2, 2021 and earned 4 European Credits of CME.
47. Khushboo and **Bechan Sharma (2021)**. First author presented a poster (A30) on the 'Confocal micro raman spectroscopic study on the effect of fluoxetine and ethanolic extract of garlic in the brain of depressed rat' in the American Society of Neurochemistry (ASN) Conference held in USA on Oct. 6. <https://doi.org/10.1177/17590914211039028>
48. **Bechan Sharma (2021)** attended the online meeting of COVID-19 Clinical Forum, Organised by the Virology Education, The Netherlands. September 21, 2021, Organised by Virology Education, The Netherlands
49. **Bechan Sharma (2021)** Attended online Conference on Liver Disease in Africa (COLDA) 2021. Held on September 9-11, 2021, Organised by Virology Education, The Netherlands
50. **Bechan Sharma (2021)** Participated in The 3rd International Forum on HIV Treatment and Prevention in Asia-Pacific Region (September edition). September 05, 2021. Online Meeting, Organised by Virology Education, The Netherlands
51. **Bechan Sharma (2021)** Attended 7th Annual Conference of the Asian Council of Science Editors (ACSE) on August 21, 2021, online
52. **Bechan Sharma (2021)** Attended online meeting of 11th IAS Conference on HIV Science Held on July 18-21, 2021. Organised by International AIDS Society, USA.
53. **Bechan Sharma (2021)** Attended online meeting of HIV Pediatrics 2021. Held on July 16-17, 2021. Organised by Virology Education, The Netherlands
54. **Bechan Sharma (2021)** Attended online COVID-19 Vaccine Development & Implementation Workshop 2021 - June Edition, Held on June 29-30, 2021. Organised by Virology Education, The Netherlands
55. **Bechan Sharma (2021)** Attended online INTERNATIONAL WORKSHOP ON INNOVATIONS IN DELIVERY OF HIV CARE 2021. Held on June 21-22, 2021. Organised by Virology Education, The Netherlands
56. **Bechan Sharma (2021)** Attended online meeting of Asia-Pacific AIDS & Co-infections Conference (APACC). Held on June 17-19, 2021, Organised by Virology Education, The Netherlands
57. **Bechan Sharma (2021)** Attended online meeting of Asian Stigma & Discrimination Forum. Held on June 16, 2021, Organised by Virology Education, The Netherlands
58. **Bechan Sharma (2021)** Attended online meeting of Asia-Pacific HIV Clinical Forum held on June 14-15, 2021. Organised by Virology Education, The Netherlands
59. **Bechan Sharma (2021)** Presented an invited talk online on 'CoVID 19: Diagnostic and therapeutic challenge'. June 5-6, 2021. Organised by Global Web Conference, India
60. **Bechan Sharma (2021)** HIV Pathogenesis and Cure, Organised by **Keystone Symposia, USA**. held on June 1-4, 2021. **Scholarship** was awarded by **Keystone Symposia, USA** for attending the online conference.
61. **Bechan Sharma (2021)** HIV Prevention Review Meeting 2021, Organised by **the Virology Education, The Netherlands**, held on June 2, 2021. **Scholarship** was awarded by **Virology Education, The Netherlands** for attending the online meeting.
62. **Bechan Sharma (2021)** Attended online meeting of EUROPEAN HIV CLINICAL FORUM 2021 held on May 24-25, 2021. Organised by Virology Education, The Netherlands
63. **Bechan Sharma (2021)** AIDS Impact 2021, an International Webinar, jointly organised by Virology Education-The Netherlands and IDS Impact on April 22, 2021 online mode. Participant from India.
64. **Bechan Sharma (2021)** CoVID19 Clinical Forum 2021, April Edition., an International Webinar, organised by Virology Education-The Netherlands on April 20, 2021 online mode. Participation from India. A **Scholarship** for Euros 375 was awarded.
65. **Bechan Sharma (2021)** Attended online a meeting of COVID-19 Clinical Forum 2021 on April 20, 2021. Organised by the Virology Education, The Netherlands
66. **Bechan Sharma (2021)** Attended online the Editorial Board e-Meeting of "International Journal of Biochemistry and Biomolecules" conducted by the Center of Excellence in Life Science (CELS) on March 20, 2021.
67. **Bechan Sharma (2021)** Presented an invited talk on "Cellular and Molecular Targets in SARS-CoV2 : Applications in Drug Development against CoVID19" on March 17, 2021 in the Annual Meeting of The Indian Science Congress Association (Allahabad Chapter held from March 17-18, 2021 on "Science and Technology for Human Welfare".
68. **Bechan Sharma (2021)** Attended online a COVID-19 VACCINE DEVELOPMENT & IMPLEMENTATION WORKSHOP FEBRUARY 2021 held on Feb 16-17, 2021
69. **Bechan Sharma (2021)** CoVID19 Clinical Forum 2021, an International Webinar, organised by Virology Education-The Netherlands on January 19, 2021 online mode. Participant from India, A **Scholarship** for Euros 375 was awarded.
70. **Bechan Sharma (2020)** CoVID19 and Our Environment. In: Proceedings of 2nd International Conference on Environment and Society (ICES 2020) & 2nd Annual Meet of GESA organized by GESA and NESANew Delhi and others at Allahabad, December 26-28, 2020, **Invited talk; Organiser and Chaired the session**

71. **Bechan Sharma** (2020) COVID-19 Clinical Management Workshop, held online from 14-15 December, 2020, accredited by the European Accreditation Council for Continuing Medical Education (EACCME®). Conducted by Virology Education, The Netherlands. **5 CME** was awarded.
72. **Bechan Sharma** (2020) Attended online the full agenda of ACS on Campus India Virtual Event on August 10, 2020. Organised by American Chemical Society (ACS). USA.
73. **Bechan Sharma** (2020) Attended online The COVID-19 Online Education Program. July 14, 2020. Organised by the Virology Education, The Netherlands
74. **Bechan Sharma** (2020) Attended online the GLOBAL HIV CLINICAL FORUM 2020. June 30-July 1, 2020. Organised by the Virology Education, The Netherlands
75. **Bechan Sharma** (2020) Attended online The COVID-19 Online Education Program. Held on June 23, 2020. Organised by the Virology Education, The Netherlands
76. **Bechan Sharma** (2020) Presented an invited talk online on CHALLENGES OF COVID-19 PANDEMIC AND ROLE OF SCIENCE AND TECHNOLOGY on 14–15 May, 2020, Organised by ISDC-University of Allahabad
77. **Bechan Sharma** (2020) Omics and computational biology. In: Proceedings of BioSangam 2020; International Conference on Biotechnological interventions for Societal Development.held on Feb 21-23, 2020 by Dept Biotechnology, MNNIT-Allahabad, **Invited talk; Chaired the session**
78. Anchal Dubey, Abhishek Kumar and **Bechan Sharma** (2020) Antioxidant potential and phytochemical analysis of *Nyctanthes arbor-tristis*. In: Proceedings of BioSangam 2020; International Conference on Biotechnological interventions for Societal Development.held on Feb 21-23, 2020 by Dept Biotechnology, MNNIT-Allahabad, **Poster**
79. Vivek Kumar Gupta and **Bechan Sharma** (2020) Renoprotective effect of *Aloe vera* extract against the toxicity of cartap and malathion in Wistar rats. In: Proceedings of BioSangam 2020; International Conference on Biotechnological interventions for Societal Development.held on Feb 21-23, 2020 by Dept Biotechnology, MNNIT-Allahabad. **Poster**
80. Priyanka Tiwari and **Bechan Sharma** (2020) Effects of deflazacort and methylprednisolone therapy on certain biochemical indices of human blood. In: Proceedings of BioSangam 2020; International Conference on Biotechnological interventions for Societal Development.held on Feb 21-23, 2020 by Dept Biotechnology, MNNIT-Allahabad. **Poster**
81. Nitika Singh and **Bechan Sharma** (2020) Evaluation of citrus limon fruit juice as effective antibacterial agents. In: Proceedings of BioSangam 2020; International Conference on Biotechnological interventions for Societal Development.held on Feb 21-23, 2020 by Dept Biotechnology, MNNIT-Allahabad. **Poster**
82. Abhishek Kumar and **Bechan Sharma** (2020) Detrimental effect of lead exposure on nephropathy in diabetic rats and mitigating effect of *C. carandas*. In: Proceedings of BioSangam 2020; International Conference on Biotechnological interventions for Societal Development.held on Feb 21-23, 2020 by Dept Biotechnology, MNNIT-Allahabad, **Poster**
83. Khushboo and **Bechan Sharma** (2020) Antidepressant effect of garlic constituents and fluoxetine against reserpine induced depression in rat model. In: Proceedings of BioSangam 2020; International Conference on Biotechnological interventions for Societal Development.held on Feb 21-23, 2020 by Dept Biotechnology, MNNIT-Allahabad, **Poster**
84. Vivek K Gupta, and **Bechan Sharma** (2020) Protective effect of *Aloe vera* on malathion and cartap induced toxicity in liver of wistar rats. 22nd Agricultural Scientists and Farmers Congress on Post harvest technology and management for empowering the rural society and employment generation on 22-23rd February 2020 organized by Bioved Research Institute of Agriculture Technology and Sciences, Prayagraj.
85. Vivek K Gupta, and **Bechan Sharma** (2020) Renoprotective Effect of *Aloe vera* Extract Against the Toxicity of Cartap and Malathion in Wistar Rats, International Conference on Translational Biotechnology, Biosangam2020, February 21-23, 2020 organized by Department of Biotechnology, MNNIT, Prayagraj-211004, Uttar Pradesh, India at MNNIT, Prayagraj.
86. **Bechan Sharma** (2020). The balance between the rates of incorporation and pyrophosphorolytic removal influences the HIV-1 reverse transcriptase bypass of an abasic site with deoxy-, dideoxy-, and ribonucleotides. In: Proceedings of 8th International Translational Cancer Research Conference: Role of Inflammation and Immune System for Cancer Prevention and Treatment Organized by: Department of Biochemistry, Institute of Science, BHU-Varanasi-221005 & Society for Translational Cancer Research (STCR) on 13-16 February 2020. **Invited talk**
87. Vivek K Gupta, and **Bechan Sharma** (2019). Protective Effect of *Aloe vera* on Cartap and Malathion Induced Toxicity in the Liver of Wistar Rats. Organized by The Academy of Environmental Biology & NBFGR- 29-30 October 2019 at Lucknow, UP-India.
88. Vivek K Gupta, and **Bechan Sharma** (2019). Parthenium hysterophorus Leaf Extracts Contains Inhibitory Potential of HIV-RT Activity. 4th Asia Pacific AIDS & Co-infections Conference (APACC) is scheduled to take place on 27-29 June 2019 at Hong Kong, Taiwan.
89. Vivek K Gupta, and **Bechan Sharma** (2019). Protection of *Aloe vera* Leaf on Cartap and Malathion Induced Hepatotoxicity in the Liver of Wistar Rats. National Conference on Interdisciplinary Advancements in Biochemistry (NCIAB-2019), 28th-29th March, 2019 at Department of Biochemistry, Dr. RMLAU, Ayodhya (U.P., India).
90. Vivek K Gupta, and **Bechan Sharma** (2019). Nephroprotective Effect of *Aloe vera* Leaf Against Cartap Induced Alterations in Wistar Rats. 3rd ACSTM and 6th ACSE Annual Conference in Deira Dubai, UAE during February 12-14, 2019.
91. Vivek K Gupta, and **Bechan Sharma** (2019). Acetylcholinesterase as a Biomarker of Arsenic Induced Cardiotoxicity in Mammals. Proceedings of 106th Indian Science Congress, 3-7 January 2019 at Lovely Professional University, Phagwara, Jalandhar.
92. **Bechan Sharma** and Jaiswal J. (2019) Drug interactions between anti-HIV and anti-hepatitis agents: consequences and remedies. REVIEWES IN ANTIVIRAL THERPAY AND INFECTIOUS DISEASES 9: 65-66.(<http://regist2.virology->

- education.com/abstractbook/2019/abstractbook_CEE2019.pdf) 5th Central and Eastern European Meeting on Viral Hepatitis and HIV held at Vilnius, Lithuania during September 19-20, 2019.
93. **Bechan Sharma** (2019) Nutritional needs of the people of varying age groups living with HIV-1/AIDS (PLWHA). In the proceedings of International Network for Government Service Advice (INGSA) Asia Grassroots Science Advice on Nutrition and Health (India) (ISANH-2019)-Dept of Biotechnology, MNNIT, Allahabad, during December 17-18.
 94. **Bechan Sharma** (2019) Analysis of Heavy Metals and Pesticides in the River Water, Sediment and Fish Species from Ganges and Yamuna at Sangam: Assessment of their Impacts on Biomolecular Indices in Mammalian Systems. OHES-59. Conference on One Health and Ecosystem OHES-2019. NBFGR-Lucknow, November 29-30, 2019. **Plenary talk**
 95. Khushboo and **Bechan Sharma** (2019) Antidepressant and Neuroprotective Effect of Garlic Extract Against Reserpine-Induced Depression in a Rat Model. Conference on One Health and Ecosystem OHES-2019. NBFGR-Lucknow, November 29-30, 2019. (OHES-30)
 96. Abhishek Kumar and **Bechan Sharma** (2019) Lead Aggravates the Diabetic-Induced Hepatotoxicity in Male Wistar Rats and Mitigating Effect of *C. carandas*. OHES- 66. Services OHES 2019'. NBFGR-Lucknow, November 29-30, 2019.
 97. Vivek Kumar Gupta and **Bechan Sharma** (2019) Protecting Effect of Aloe vera on Cartap and Malathion Induced Toxicity in the Liver of Wistar Rats. OHES- 67. Conference on One Health and Ecosystem Services OHES 2019'. NBFGR-Lucknow, November 29-30, 2019.
 98. Keiko Ishizuka, Yuto Tsutsumi, Misato Baba, Radhika Biyani, Chen Wei Meng, Manish Biyani, Masahiro Takagi, Jyotsna Jaiswal, **Bechan Sharma**, Kenji Kojima, Teisuke Takita, and Kiyoshi Yasukawa (2019) Inhibition of HIV-1 Reverse Transcriptase Activity by the Extracts of Indian Plants. Japan Society for Bioscience, Biotechnology and Agrochemistry (JSBBA) KANSAI 6th Student Forum; Kyoto University-Japan, November 30, 2019.
 99. **Bechan Sharma** (2019) Accumulation of xenobiotics and heavy metals in the riverine system; evaluation of their impact on fish species. National Conference at BBAU-Lucknow. National Conference on Research Development in Fisheries. November 7-8, 2019. **Invited talk**
 100. **Bechan Sharma** (2019) Impact of mutations of an amino acid at position 154 on the DNA polymerase function of HIV-1RT. Proceedings of 14th India-Japan Japan International Conference BICON2019 held at Biyani Group of Colleges at Jaipur, Rajasthan, September 23-25, 2019. **Plenary talk**
 101. Vivek Kumar Gupta and **Bechan Sharma** (2019) Impact of pesticide mixtures on the biochemical markers in rats and protective effect of Aloe vera leaves extract. Proceedings of 14th India-Japan Japan International Conference BICON2019 held at Biyani Group of Colleges at Jaipur, Rajasthan, September 23-25, 2019. **Invited talk**
 102. **Bechan Sharma** (2019) Teaching methods and effective communication. Workshop on Teaching Methodology and Communication techniques, Jiwaji University, Gwalior, MP during July 27. **Chief Guest and Plenary Speaker**
 103. **Bechan Sharma** (2019) Drug resistance in HIV-1: Challenges and solutions. International Conference on Advances and Innovations in Biotechnology. Proceedings of AKS University, Satna, MP, April 5-7. **Invited Speaker**
 104. **Bechan Sharma** (2019) Infidel cDNA synthesis by HIV-1RT: implications in drug resistance. National Conference on Advances in Interdisciplinary Research in Biological Chemistry at D.RML Avadh University, Faizabad during March 28-29, 2019. **Invited Speaker** and Chief Guest
 105. **Bechan Sharma** (2019) Application of pesticides in agricultural practices and human health. In the proceedings of the 21st National Agricultural Scientists and Farmers Congress' held on February 26-17, at Sringeripur, Prayagraj. **Invited speaker**
 106. Nitika Singh and **Bechan Sharma** (2019) An *in vitro* studies on the impact of *Citrus limon* juice on the kinetic characteristics of acetylcholine esterase against lead and cartap induced perturbations, In: Proceedings of International Conference on Global Environmental Challenges Human Health and Sustainable Development at the Convention Centre, JNU, New Delhi during 11-13 January 2019. **Poster**
 107. **Bechan Sharma** (2019) Heavy metals pollution in riverine systems: Challenges and solutions. In: Proceedings of the National River Conference, at Kulbhaskar Degree College, Prayagraj. January 13, 2019. **Plenary talk**
 108. Nitika Singh and **Bechan Sharma** (2018) Studies on the combined impact of lead and cartap on the kinetic characteristics of lactate dehydrogenase from rat heart and amelioration by *Citrus limon* fruit extract, An International Conference on Emerging Issues in Agricultural, Environmental and Applied Science for Sustainable Development, SHUATS, Allahabad on December 27-29, 2018. **Poster**
 109. **B. Sharma** (2018) Member, National Advisory Board, and Invited speaker on, 'Association of Misinsertion and Mispair extension by Human Immunodeficiency Virus type 1 Reverse Transcriptase with Drug Resistance in National Conference on 'Role of modern biological sciences for enhancing farmers' economy and welfare of the society', Nov.12-13, Faculty of Science, RRP College, Amethi, UP. **Plenary talk**
 110. Vivek K Gupta and **B. Sharma** (2018) Extract of *Parthenium hysterophorus* leaves contains anti-HIV-RT potential. **Poster 9**. Presented in 4th Innovative Approaches for Identification of Antiviral Agents Summer School. September 24-28, at Santa Margherita di Pula, Sardinia, Italy.
 111. **B. Sharma** (2018) Molecular cloning and Gene expression. **Key Note Speaker** in three days workshop on Genetic Engineering, Molecular cloning and Expression at CPM College, University of Allahabad, Allahabad on Sept 13.
 112. **B. Sharma**, Jaiswal S K and Gupta V K (2018) Inhibition of mammalian acetylcholinesterase by carbofuran and protection by vitamin C and Citrus limon fruit extract. Annual Congress on Medicinal Chemistry, Pharmacology and Toxicology held on July 30-31 at Amsterdam, Netherland. J.Org.Inorg.Chem.(2018)4; DOI: 10.21767/2472-1123-C3-009, **Poster**

113. **B. Sharma** (2018) On the drug resistance profiles of clinical isolates of HIV-1 in the background of ART. 3rd Asia Pacific Conference on AIDS & Co-Infections (APACC): Translating Science and Clinical Practice, Hong Kong, June 27-30. **Resource Person**
114. **B. Sharma** (2018) In: Proceedings of National Seminar on Reaching the Unreached through Science and Technology. Organised by ISCA-Local Chapter, University of Allahabad on February 24-25, 2018. **Chaired a Session**
115. **B. Sharma** (2018) A possible mechanism involved in inhibition of lactate dehydrogenase activity by carbofuran. In: Proceedings of 9th International Congress of Environmental Research (ICER-18), Feb. 8-10. **Invited Talk**
116. **B. Sharma** (2018) Human immunodeficiency virus type 1 reverse transcriptase (HIV-1RT) catalysed misinsertion and mispair extension and drug resistance. In: Proceedings of an International Conference on Trends in Biochemical and Biomedical Research: Advances and Challenges. February 13-15, e8. **RESEARCH REPORTS**; 2:e1-e205. doi:10.9777/rr.2018.1001-10319 **Invited talk**
117. **B. Sharma** (2018) On the mechanistic basis of rilpivirin resistance (RPV) in human immunodeficiency virus reverse transcriptase (HIV-1 RT). 1st North Indian Science Congress (NISC-2018) & International Conference on Science and Technology for Sustainable Future. University of Allahabad, January 10-11, 2018. **Invited talk**
118. **B. Sharama** (2018) Xenobiotics, toxicity and human health. UGC Staff College-University of Allahabad, Jan. 09, 2018. **Invited talk**
119. **B. Sharma** (2017) Rilpivirin resistance in HIV-1: A mechanism based on transient kinetics. NCBBCB-2017, Banasthali Vidyapeeth, Rajasthan October 30-31, 2017. **Key Note speaker**
120. **B. Sharma** (2017) HIV-1 infections, diagnosis, treatments and challenges. UGC-Staff College. **Invited talk**
121. **B. Sharma** (2017) Diet for sports persons. In: Antidoping Seminar/Workshop at University of Allahabad, Sept. 15, 2017. **Special lecture**
122. **B. Sharma** (2017) Integrase Inhibitors: Prospects and retrospects. 2nd Asia Pacific Conference on AIDS & Co-Infections (APACC) Translating Science and Clinical Practice, Hong Kong, May 31-June 03. **Invited talk**
123. **B. Sharma** (2017) Target specific anti-HIV-1 Drug Design and Development. **Invited Talk** on International Conference on biological Sciences and Biostatistics, March 9-10, 2017. UPRTOU-Phaphamau, Allahabad. **Invited talk**
124. **B. Sharma** (2017) Molecular cloning and expression analysis of recombinant proteins. Applications in Biomedical Sciences. **Plenary Talk** on National Symposium on Current Updates in Biochemistry, Feb 26, 2017. MLN Medical College, Allahabad.
125. **B. Sharma** (2016) Current Scenario of HIV/AIDS in India: Challenges and solutions. **Plenary Talk** on World AIDS Day, December 1, 2016. SHIATS-Naini, Allahabad
126. **B. Sharma** (2016) Site Directed Mutagenesis and production of recombinant proteins: Applications in Biotechnology Research. **Talk from a Resource person** at RD University, Jabalpur, November 19, 2016.
127. **B. Sharma** and Shweta Singh (2016) Drug targets, resistance and challenges against HIV/AIDS. Proceedings of National Conference on Current Advances in Science and Technology. March 19. Rama University-Kanpur. **Plenary Talk**
128. **B. Sharma** (2016) Biotechnology for sustainable agriculture and plant health management. Proceedings of the International conference on Advancing frontiers in biotechnology for sustainable agriculture and health, held by Dept Mol Cell Eng., SHUATS-Naini, on February 25-26, 2016. **Invited talk, Chaired Session**
129. **B. Sharma** and Shweta Singh (2016) Challenges to second generation antiretrovirals in chemotherapy and strategies to combat drug drug resistance in HIV/AIDS patients. Proceedings of the National Conference on Life Style and Chronic Diseases: A threat to sustainable public health. March 9-10. KGMC-LKO. **Invited talk, Chaired Session**
130. **B. Sharma** (2016) Error prone cDNA synthesis by HIV 1 reverse transcriptase a potential threat to chemotherapy of AIDS. Proceedings of BIOKUMBH 2016 (A National Conference on Recent Advances and Trends in Biotechnology) ,Centre for Biotechnology, University of Allahabad, Allahabad. February 20-21. **Invited talk**
131. **B. Sharma** (2016) Mutations at K154 in HIV-1RT: Impact on fidelity and drug sensitivity. Proceedings of International Conference on Translational Biotechnology 'BioSangam 2016' MNNIT- Alld, February 4-6. **Plenary Talk / Chaired a Technical session.**
132. Vivek K Gupta and **B. Sharma** (2016) Carbofuran induced toxicity in wistar rat liver may be ameliorated by pretreatment with *Citrus limon* fruit extract. Proceedings of International Conference on Translational Biotechnology 'BioSangam 2016' February 4-6. Poster presentation
133. Shweta Singh and **B. Sharma** (2016) Phytochemicals from Indian traditional medicinal plants as anti-HIV-1 drugs. Proceedings of International Conference on Translational Biotechnology 'BioSangam 2016' February 4-6. Poster presentation.
134. Neeharika Srivastava and **B. Sharma** (2015). Phytochemical analysis of *A. mexicana* using chromatographic techniques. Proceedings of International Conference on Translational Biotechnology 'BioSangam 2016' February 4-6. Poster presentation
135. Neeharika Srivastava, Nikhat Jamal Siddiqi and **B. Sharma** (2015). Phytochemical characterization of *A. Mexicana* and impact on acetylcholinesterase from human erythrocytes. Proceedings of the National Academy of Sciences, India. KIIT University, Bhubaneswar, Odisha. December 6-8.
136. Vivek Kumar Gupta, Ashutosh Pathak, Nikhat J. Z. Siddiqi and **B. Sharma** (2015). In vitro modulation of rat brain acetylcholinesterase by carbofuran. Proceedings of the National Academy of Sciences, India. KIIT University, Bhubaneswar, Odisha. December 6-8.
137. **B. Sharma** (2015)... Properties of phosphofructokinase (PFK) from filarial and mammalian systems. Proceedings of the National Workshop on Capacity Building in Disease Control and Sustenance. Department of Zoology, University of Allahabad. 2015. **Invited talk**

138. Neeharika Srivastava, Sunil K. Jaiswal and **B. Sharma** (2015)...Effect of *Argemone mexicana* seed extract on biochemical markers of human blood *in vitro*. 102nd Indian Science Congress held at University of Mumbai from January 3-7, 2015. **Poster presentation.**
139. Sunil K. Jaiswal, Neeharika Srivastava and **B. Sharma** (2015)... In vitro impact of carbofuran and vitamin C on the Hepatocytes of Wistar Rat. 102nd Indian science congress held at University of Mumbai from January 3-7, 2015. **Poster presentation.**
140. Aishwarya S. Chauhan, Arunesh K. Mishra and **Bechan Sharma** (2015)...Characterization of extracellular Alpha-galactosidase from a new isolate of Trichoderma. 102nd Indian science congress held at University of Mumbai from January 3-7, 2015. **Poster presentation.**
141. Srivastava N. and **B. Sharma** (2015).. Effect of Argemone mexicana seed extract on biochemical markers of human blood *in vitro*. Proceedings of 102nd Indian Science Congress 2015 held at University of Mumbai on January 03-07, 2015. **Poster presentation**
142. **B. Sharma** (2014). Acetylcholinesterase and phosphofructokinase from *Setaria cervi*: putative chemotherapeutic targets against filariasis. Proceedings of Interanational Conference and Global Biodiversity Meet on Parasites 12-15 Dec., 2014, University of Allahabad, India. **Invited Talk and Chair**
143. Neeharika Srivastava and **B. Sharma** (2014).. Impact of *Argemone mexicana* seed extract on Morphological and Biochemical Properties of human blood cells. XXXVIII All India cell biology conference and International symposium on Cellular Response to Drugs, held at CSIR- Central Drug Research Institute, Lucknow, U.P. from December 10-12, 2014. **Poster presentation.**
144. Aishwarya S. Chauhan and **B. Sharma** (2014). Characterization of extracellular Alpha-galactosidase from a new isolate of Penicillium sps. XXXVIII All India cell biology conference and International Symposium on Cellular Response to Drugs, held at CSIR- Central Drug Research Institute, Lucknow, U.P. from December 10-12, 2014. **Poster presentation.**
145. **B. Sharma** (2014).. Roles of amino acid residues located at the α -E and β -8 loop of HIV-1 RT. Proceedings of the National Conference on Bioengineering and Biotechnology: An Industrial Perspective. Held by Amity University at Lucknow-UP, India. October 16-17, 2014. **Invited Talk and Chair**
146. **B. Sharma** (2014). On the Error prone DNA synthesis by HIV-1 RT. Proceedings of the International Seminar on New Frontiers in Biotechnology: Functional Genomics and Proteomics. Held at Department of Biotechnology, Invertis University, Bareilly, India on September 27-28, 2014. **Invited Talk and Chair.**
147. Sunil K Jaisawal, Shweta Singh, Nikhat J. Siddiqi, R.S.Pandey and **B. Sharma** (2014)..Current perspective of research on carbofuran induced toxicity in mammalian systems and amelioration. In: Proceedings of the National Conference on Environmental Protection and Sustainable Development held by Sky Institute-Lucknow on June 5-6, 2014. **Invited Talk and Chair**
148. Sunil K Jaisawal, Shweta Singh, Nikhat J. Siddiqi, R.S.Pandey and **B. Sharma** (2014). Biocheical studies on carbofuran-pancreas interaction: amelioration by curcumin. In: Proceeding of the National Conference on Environmental Protection and Sustainable Development, held by Sky Institute-Lucknow on June 5-6, 2014. **SKJ** was awarded **Young Scientist Award.**
149. **Sharma B** (2014). Current Scenario of HIV-1/AIDS in India: An urgent need to address. In: Proceedings of National Seminar on 'Challenges of changing scenario of Biodiversity through ages: support for sustainable development', at SEMAT-Allahabad, India on March 30-31, 2014. by DD Upadhyay Gvt.PGCollege, Saidabad, Allahabad **Invited Talk and Chair**
150. **Sharma B** (2014).. On the role of LPQGWK motif in HIV-1RT catalysed cDNA synthesis. National Seminar on 'Innovations of Science and Technology for Inclusive Development' by Department of Chemistry, Allahabad, India on March 30-31, 2014. **Invited Talk and Chair**
151. **Sharma B** (2014).. Lysine154 of HIV-1RT is crucial for fidelity and sensitivity to antiHIV-1 drugs. 2nd Lucknow Science Congress, held at Baba Bhim Rao Ambedkar University-Lucknow, India on March 27-28, 2014. **Invited Talk and Chair**
152. **Sharma B** (2014).. Current perspectives of research on HIV-1/AIDS: problems and solutions. International Conference on Advanced Materials and Applications (ICAMA-14), held at Centre of Material Sciences, University of Allahabad, Allahabad, India on March 24-26, 2014. **Invited Talk**
153. **Sharma B** (2014). Global perspective of HIV-1/AIDS with special reference to India. Annual Session of Association of Biochemistry, Biotechnology and Bioinformatics, at Avinash Lingam University of Coimbatore-Tamil Nadu, India on March 20-21, 2014. **Valedictory Invited Talk**
154. **B. Sharma** (2013). Interaction with the Nobel Laureate Prof. Ivar Giaever, USA .In: Proceedings of 6th Science Conclave, organized by IIT-Jhalwa, Allahabad on December 08, 2013. **Resource Person**
155. **B. Sharma** (2013). Carbohydrate metabolic pathway as a target for antifilarials. In: Proceedings of National workshop on Biomolecular Parasitology and Resource Sustainability. Held at University of Allahabad on December 3-5, 2013, Invited talk, acted as a judge for Young Scientist Oral presentation and Poster sessions.
156. **B. Sharma** (2013). Jaiv Prodyogiki aur Manav Kalyan. In: Proceedings of 'Vaigyanik Sangoshthi' on Jaiv Prodyogiki aur Manav Kalyan. Held at Vigyan Parishad, Allahabad on November 24, 2013.
157. **B. Sharma** (2013). New Targets for antiHIV-1 drugs design and development to arrest HIV-1 progression. Proceedings of Symposium on Biotechnology and Human Welfare. CMP Degree College-University of Allahabad, Allahabad. 24th October, 2013; **Experts's Talk**
158. Anti-HIV-1 targets against HIV-1 pathogenesis in humans. **B. Sharma**. Proceedings of symposium on recent advances in biochemistry and biotechnology: applications in health, environment and agriculture. At University of Lucknow, 29-31 October 2013. **Invited Talk**

159. **B. Sharma** (2013). Phytochemicals as antiHIV-1 tools. In: Proceedings of International Conference and Exhibition on Biochemical and Molecular Engineering, Hilton San Antonio Airport, USA. October 7-9, 2013. Website:<http://www.omicsgroup.com/conferences/biomolecularengg2013/scientific-programme.php?day=1&sid=106&date=2013-10-07>
160. Neeharika Srivastava, Neha Singh and **B. Sharma** (2013). Acetylcholinesterase from human erythrocytes membrane: a screen for evaluating the activity of some traditional plant extracts.. Proceedings of National Academy of Sciences India (NASI)-Allahabad, June 5-6, 2013. Poster presentation
161. Neeharika Srivastava and **B. Sharma** (2013). Tissue dependent levels of FRAP into aqueous extracts of Indian plants. In: Proceedings of National Academy of Sciences India (NASI)-Allahabad, June 5-6, 2013. Poster presentation
162. Neeharika Srivastava and **B. Sharma** (2013). Plants- medicinal, toxic or ornamental: A preconceived notion. Proceedings of National Academy of Sciences India (NASI)-Allahabad, June 5-6, 2013. Poster presentation
163. Aishwarya S. Chauhan and **B. Sharma** (2013). Isolation and characterization of α -galactosidase from some fungal species and their medical implications. **Best poster award**: First prize by National Academy of Sciences India (NASI)-Allahabad, June 5-6, 2013
164. **B. Sharma** (2013). Mutation at position 154 in HIV-1 RT: Impact on polymerase functions and drug sensitivity. Proceedings of International Congress on Innovations in Science, Technology and Management (ISTM 2013) held on June 3-4, 2013 by Jharkhand Rai University, Ranchi, Jharkhand, India. **Invited speaker, Chaired a session**
165. **B. Sharma** (2013). On the amino acids of HIV-1 RT involved in stabilization of ternary complex. In: Proceedings of National Seminar on Stress, Development and Adaptation: Biochemical Basis and Biotechnological Approaches at University of Lucknow-Lucknow, India, March 15-16, 2013. **Invited speaker**
166. **B. Sharma** (2013). Effector functions of T- and B-cells. In: Proceedings of Advanced Immunology Course held by Indian Immunology Society, MCI, ICMR and KGMU-Lucknow on February 22-23, 2013. **Resource Person**
167. **B. Sharma** (2013). Attributes of certain new mutations in HIV-1 RT conferring antiviral drug resistance. In: Proceedings of National Symposium on Trends in Biomolecular Interaction and Bioinformatics workshop on Current Advances in Bioinformatics held at AMU-Aligarh, March 13-14, 2013. **Invited speaker and resource person**
168. **B. Sharma** (2013). Molecular mechanisms involved in antiHIV-1 drug resistance. In: Proceedings of National conference on emerging trends and challenges in basic and translational research in biochemistry, held at Department of Zoology, BHU-Varanasi on Feb 4-5, 2013. **Invited speaker**
169. **B. Sharma** (2012). R-DNA Technology and its role in genetic engineering and on diseases due to infection by pathogens. In: Proceedings of 5th Science Conclave held at IIT-Jhalwa, Allahabad on December 8-14, 2012. **Invited lecture**
170. **B. Sharma** (2012). Phytochemicals and their target(s) for arresting HIV-1 progression. In: Proceedings of International Conference on Radiation, Cancer and Society, held by Nehru Gram Bharti University, Allahabad on November 26-28, 2012.
171. **B. Sharma** (2012). On the mechanistic aspects of drug resistance in HIV-1. In: The proceedings of Seminar on Science for shaping future of India. Allahabad Chapter of Indian Science Congress Association, Allahabad. November 9-10, 2012, **Invited speaker**
172. **B. Sharma** (2012). Properties of phosphofructokinase from filarial as well as mammalian systems. In: Workshop on Capacity building and sustainable development as well as Seminar on Parasitology, conducted by Parasitology Laboratory of Department of Zoology, University of Allahabad, November 5-7, 2012. **Invited Lecture**
173. **B. Sharma** (2012). On the varied aspects of xenobiotics: In: Proceedings of National workshop on the Environment and Health, conducted by National Academy of Sciences India (NASI)-Allahabad on November 07, 2012. **Acted as a Resource Person**
174. **B. Sharma** (2012). On the new molecules and targets against replication of HIV-1 in human cells. In: Proceedings of 3rd International Conference and Exhibition on Analytical & Bioanalytical Techniques, held at Hyderabad International Convention Center, India, on November 22-24, 2012. **Invited talk & Member-Organizing Committee**
175. **B. Sharma** (2012). In: Proceedings of National Seminar on Advanced Biology :Emerging Trends in Biological Galaxy, organized by CMP Degree College-Allahabad, India on October 6-7, 2012. **Chaired a Technical Session.**
176. **B. Sharma** (2012). Phytochemicals as prospective chemotherapeutics against HIV-1. In: Proceedings of the 32nd Annual Meeting of Academy of Environmental Biology and National Symposium of IITR-Lucknow held on September 20-22, 2012, India, **Invited talk, Chaired a Technical Session**
177. Sunil K Jaiswal and **B. Sharma** (2012). Effect of carbofuran and its amelioration in the rat brain. In: Proceedings of the 32nd Annual Meeting of Academy of Environmental Biology and National Symposium of IITR-Lucknow held on September 20-22, 2012, India, selected for **Best Research Paper Medal (BRPM)** presentation.
178. **B. Sharma** (2012). HIV/AIDS in India: Limitations of chemotherapeutics and possible remedies. In: Proceedings of the National Symposium on Biological Chemistry. March 16-17, 2012, Jiwaji University, Gwalior-MP, India, **Invited talk**
179. **B. Sharma** (2012). Cellular factors and HIV-1 infection. In: Proceedings of National Symposium on HIV and AIDS: Biology to Beyond, March 15-16, 2012, Amity University, Noida, UP, India. **Invited talk**
180. **B. Sharma** (2012). Attributes of host factors in HIV-1 pathogenesis. In: Proceedings of International conference on 'Genes, Genetics and Genomics: today and tomorrow human concerns'. Organized by Punjab University-Chandigarh on March 3-5, 2012. **Invited talk**

181. **B. Sharma** (2012). Role of oxidative stress in filarial pathogenesis and disease progression. In: Proceedings of International symposium on 'Advances and applications of molecular biology in clinical research', Organized by CSMMU-Lucknow, India, on February 21-22, 2012. **Invited talk**
182. **B. Sharma** (2012). Exploring new targets for antiHIV drugs design and development. Held at YRG CARE-Chennai, India on January 20-22, 2012. **Poster presentation**
183. **B. Sharma** (2011) On the novel molecular targets for actions of antiHIV-1 chemotherapeutics. In: Proceedings of National Symposium on Biomolecular Drug Targets & Workshop on Current Advances in Bioinformatics. Held on March 7-9, 2011 by Interdisciplinary Biotechnology Unit, AMU-Aligarh. **Invited Lecture**
184. Kamalendra Singh, Devendra K. Rai, **B. Sharma** (2011), Biochemical Mechanism of Clinical Resistance to Rilpivirine. Eleftherios Michailidis, Emily M. Ryan, Kayla B. Matzek, Maxwell D. Leslie, Ariel N. Hagedorn, Hong-Tao Xu, Mark A. Wainberg, Bruno Marchand, Stefan G. Sarafianos. Proceedings of the National Seminar on International Symposium on HIV Science 2012. Proceedings of the YRG Care, Chennai, India. January 22-24, 2011. **Poster**
185. **B. Sharma** (2011). On the new mutations in HIV-1 RT. In: Proceedings of the National Seminar on International Symposium on HIV Science 2012, YRG Care, Chennai, India. January 22-24, 2011. **Invited Lecture**
186. Ratnesh K. Sharma and **B. Sharma** (2011). Carbofuran induces oxidative stress and influences human erythrocytes' homeostasis. In: Proceedings of the National Seminar on Reactive Oxygen Species: Roles in Plant and Animal Biology. Lucknow University-Lucknow, India, December 23-24, 2011. **Invited Lecture**
187. **B. Sharma** (2011). On the mechanistic aspects of antiHIV-1 drugs resistance. In: Proceedings of the National Symposium on Frontiers in Biological Sciences, VBS University-Jaunpur, India, December 4-5, 2011. **Invited Key Note Lecture/Chairperson/Advisory Board member**
188. **B. Sharma** Anna Roth, Sophie Weibbach, Andrea Deereberg and Tobias Restle (2011). Getting to know the effector enzyme of RNA interference. In: Proceedings of the National Symposium on Frontiers in Biological Sciences, VBS University-Jaunpur, India, December 4-5, 2011.
189. **B. Sharma** (2011). Novel molecular targets for actions of antiHIV-1 chemotherapeutics. In: Proceedings of the National Symposium on Biomolecular Drug Targets, Interdisciplinary Biotechnology Unit, AMU-Aligarh, India, March 07-09, 2011. **Invited Key Note Lecture**
190. **B. Sharma** and R.S. Pandey (2011). On the xenobiotics: applications, Metabolism, Toxicity and Management. In: Proceedings of the National Seminar on Climate Change and its impact on Biological Communities, held at Department of Environmental Sciences, Dr. RML Avadh University, Faizabad; on February 12-13, 2011. **Invited Key Note Lecture as a Resource person.**
191. Nighat Begum, **B. Sharma** and Ravi S Pandey (2011). Impact of *Annona squamosa* leaf extract on lactate dehydrogenase activity of *Musca domestica* L. (Diptera: Muscidae). In: Proceedings of the National Seminar on Climate Change and its impact on Biological Communities, held at Department of Environmental Sciences, Dr. RML Avadh University, Faizabad; on February 12-13, 2011. **Invited Lecture as a Resource person.**
192. Amit Kumar, **B. Sharma** and Ravi S Pandey (2011). On the nitrogen metabolism in *Channa punctatus* and *Clarias batrachus* exposed to lambda-cyhalothrin, A pyrethroid insecticide. In: Proceedings of the National Seminar on Climate Change and its impact on Biological Communities, held at Department of Environmental Sciences, Dr. RML Avadh University, Faizabad; on February 12-13, 2011. **Invited Lecture as a Resource person.**
193. **B. Sharma** (2010). P-45 The Cynodon Dactylon Extract Help Improve Anticholinesterase Effects and Oxidative Stress Caused by Carbofuran in Rat Brain. In: Society of Toxicologic Pathology's 28th Annual Symposium Poster Presentations, USA. *Toxicol Pathol January 2010 vol. 38 no. 1 E1-E6*.
194. **B. Sharma** (2010). Xenobiotics: Applications and Consequences. In: Proceedings of the UGC-New Delhi sponsored Refresher course on 'Advances in Botany' at Department of Botany, University of Allahabad on Dec 11, 2010. **Invited Talk as a Resource person**
195. **B. Sharma** (2010). Current Perspective of HIV/AIDS in India: Challenges and Solutions. In: Proceedings of 'Impact of environmental challenges on human life' at SSKhanna Girl's Degree College-University of Allahabad, Allahabad on November 20-21, 2010. **Invited talk**. Chaired one technical session.
196. **B. Sharma** (2010). HIV-1/AIDS in India: A current perspective. In: Proceedings of 'National Conference of Biotechnology for Human and Social Welfare', October 3-4, 2010, Allahabad, India, **Invited talk**
197. **B. Sharma** (2010). Some Novel Molecules as Potential Anti-HIV-1 Agents. Proceedings of the BIT's 1st World Congress of Virus and Infections 2010 (WCVI-2010), Track-4, July 31-August 03, 2010 held at Busan Korea. Acted as **Scientific Advisor Board & Co-organizer** (web site: <http://www.bitlifesciences.com/wcvi2010/Program-wcvi.asp#4>)
198. **B. Sharma** (2010). Biomarkers and their applications: In: Proceedings of PepCon BIT Life Sciences 3rd Annual Protein and Peptide Conference (Pepcon-2010), held during March 21-23, 2010 at Beijing, China. **Invited speaker and Chair of the Session.**
199. Anju Agrawal and **B. Sharma** (2010). Heavy metal contamination in the Riverine System and Impact on the Biochemical Constituents of Aquatic and Mammalian System. In trends in Biochemistry and Satellite Symposia of Academy of Environmental Biologists, Allahabad University, Allahabad from 23-24 January 2010.
200. **B. Sharma** (2010). *In vivo* Alteration in Protein Metabolism by Subacute Carbofuran Intoxication in the Freshwater Teleost, *Clarias batrachus*. In: Proceedings of International Fish Genomics Research Conference. 25th Sep to 27th Sep, 2010 in Shenzhen, China. **Invited talk** (Web site: <http://idl.genomics.cn/event/conference.jsp?conId=14>)

201. **B. Sharma** (2010). HIV-1 genome structure based antiHIV-1 drug design: A strategy to combat antiHIV-1 drug resistance. In: Proceedings of National Conference on Bioprospecting: Access for Sustainable Development held during February 19-20, 2010 at MNNIT-Allahabad. Invited Talk
202. **B. Sharma** (2010). Molecular mechanisms involved in antiHIV-1 drugs resistance. In: International Conference on Role of Biomolecules in Food Security & Health Improvement held during February 17-20, 2010 at BHU-Varanasi, India. Invited Talk
203. **B. Sharma** (2010). HIV/AIDS in India: Problems and Remedies. In: Proceedings of Biotechnology Research Society of India, Allahabad Chapter, held at Feb 13, 2010, CMP Degree College-Allahabad. Special Invited Lecture
204. Devendra K. Rai, Prashant K. Rai, Geeta Watal and **B. Sharma** (2010). The Cynodon dactylon Extract Help Improve Anticholinesterase Effects and Oxidative Stress Caused by Carbofuran in Rat Brain. Toxicol. Pathol. 38, E7-E12. (Abstract No. 45)
205. **B. Sharma** (2009). Some novel small anti-HIV-1 molecules against HIV-1/AIDS. In: AEB symposium on "Symposium on 'Bio-safety and Environmental Impact of Genetically Modified Organisms and Conventional Technologies for Pest Management', 20 - 21 Nov-2009, ICRISAT, Patancheru, India
206. Anju Agrawal and **Sharma B** (2009). Pesticide induced apoptosis and its biosafety. In: Proceedings of Academy of Environmental Biology at Hyderabad from 21-22nd November 2009.
207. **Sharma B** (2009). An update on IPR issues in India. In: Proceedings of Indo-US sponsored international congress-cum-workshop on IPR. Held on 05-07 October, 2009.
208. Anju Agrawal and **Sharma B** (2009). Oxidative stress induced by heavy metals and amelioration of toxicity by chelation therapy. In: Proceedings of International Conference on Environment, pollution, ecology and human health at Tirupatti from 24-26th July 2009.
209. Anju Agrawal and **Sharma B** (2009). Pesticide induced oxidative stress in mammalian system. In: Proceedings of International Conference of Advances in Free Radical Research at C.S.M. Medical University, Lucknow from 19-21st March 2009.
210. **B. Sharma** and V.N.Pandey (2009). Role of Lys154 in biochemical functions of HIV-1 RT. In: Proceedings of World Congress on Cellular and Molecular Biology (WCCMB-2009) held at Devi Ahilya Bai University-Indore, India on Nov.02-06, 2009, Invited Lecture
211. A. Agrawal and **B. Sharma** (2009). Natural products and their antioxidant potential. In: Proceedings of World Congress on Cellular and Molecular Biology (WCCMB-2009) held at Devi Ahilya Bai University-Indore, India on Nov.02-06, 2009, **Invited Lecture**
212. A. Singh and **B. Sharma** (2009). Low temperature induced alterations in metabolism of 5th instar larvae of temperature induced alterations in metabolism of 5th instar larvae of *Philosamia ricini*. In: Proceedings of World Congress on Cellular and Molecular Biology (WCCMB-2009) held at Devi Ahilya Bai University-Indore, India on Nov.02-06, 2009, **Poster Presentation**
213. R. Parashar, V. Parashar, **B. Sharma**, A. C. Pandey (2009). Synthesis of CaS:Fe luminescent magnetic dextrose derivatised nanoparticles (LMDN) and their interaction study with *Staphylococcus aureus*. In: Proceedings of World Congress on Cellular and Molecular Biology (WCCMB-2009) held at Devi Ahilya Bai University-Indore, India on Nov.02-06, 2009, **Poster Presentation**
214. Devendra K. Rai, Ratnesh Kumar Sharma, Prashant K. Rai, Geeta Watal and **B. Sharma**. Carbofuran mediated oxidative stress in erythrocytes and its prevention by Vitamin C. In: Proceedings of World Congress on Cellular and Molecular Biology (WCCMB-2009) held at Devi Ahilya Bai University-Indore, India on Nov.02-06, 2009, **Oral Presentation**
215. Sharda S. Sanjay, V. Parashar, R. Parashar, V.K.Shukla, A.C. Pandey and **B. Sharma** (2009). ZnO nanoparticles and their interaction study with Chick pea (*Cicer arietinum*) sprouts extract. In: Proceedings of World Congress on Cellular and Molecular Biology (WCCMB-2009) held at Devi Ahilya Bai University-Indore, India on Nov.02-06, 2009, **Oral Presentation**
216. V. Parashar, R. Parashar, V.K.Shukla, A.C. Pandey and **B. Sharma** (2009). Onion (*Allium cepa*) juice mediated synthesis of luminescent CdS nanoparticles. In: Proceedings of World Congress on Cellular and Molecular Biology (WCCMB-2009) held at Devi Ahilya Bai University-Indore, India on Nov.02-06, 2009, **Oral Presentation**
217. S. Pandey, V.K.Shukla, V. Parashar, A.C. Pandey and **B. Sharma** (2009). Fabrication and characterization of silver/poly (vinyl alcohol) nanocomposite for and their antimicrobial activity. In: Proceedings of World Congress on Cellular and Molecular Biology (WCCMB-2009) held at Devi Ahilya Bai University-Indore, India on Nov.02-06, 2009, **Oral Presentation**
218. **B. Sharma** (2009). Intellectual property rights and intellectual property protection for the advancement of Biotechnology. In: Proceedings of Indo-US Congress-cum-Workshop, Amity University, Noida, India. October 05-07, 2009, Invited Talk.
219. **B. Sharma** (2009). HIV/AIDS in India: Challenges and solutions. Symposium on Impact of environmental pollution on climatic change and biodiversity'. at DD University, Gorakhpur, October 10, 2009, Plenary Lecture.
220. Devendra K Rai, PK Rai, Geeta Watal and **B. Sharma** (2009). *C. dactylon* mediated changes in brain oxidative status of rats treated with single sub-acute dose of carbofuran. (Ref no. W9R74B). In: Proceedings of 7th Congress of Toxicology in Developing Countries (CTDC7), September 6-10, 2009 held at Johannesburg, South Africa. **Travel Award** (US\$1500) received from IUTOX-South Africa.
221. **B. Sharma** (2009). New molecules against HIV-1 to arrest retroviral progression. Paper no.442, Poster Ref: 666, In: Proceedings of Australasian HIV/AIDS Conference 2009 and 21st Annual Conference for the Australasian

- Society for HIV Medicine, September 9-11, 2009 at Brisbane Convention and Exhibition Centre, Brisbane, Queensland, Australia. www.hivaidconference.com.au
222. **B. Sharma** (2009). Small molecules Against HIV-1/AIDS. In: Proceedings of 2nd Annual Science Symposium on HIV/AIDS2009 & HIV Science 2009, YRG Care-Chennai, August 28-29, 2009, Invited Lecture.
 223. **B. Sharma** (2009). Strategies to combat drug resistance in HIV-1. In: Proceedings of International Conference on HIV/AIDS, June 28-July 01, 2009 at Barra Windsor Hotel, Rio-de-Janeiro, Brazil, **Invited Lecture**
 224. **B. Sharma** (2009). Carbofuran induced oxidative stress in mammalian brain and its amelioration. Held at INCA-Federal Republic University of Rio-de-Janeiro, Brazil on June 05, 2009. **Invited talk**
 225. Amit Kumar, Ravi S Pandey, Ratnesh K Sharma, & **B. Sharma** (2009). Anticholinesterase Toxicity And Oxidative Stress induced by Pyrethroids in *Channa Punctatus*. In: Proceedings of AFRR2009 and 8th SFRR-India meeting, poster no. P82, March 19-21, 2009 at KG Medical University, Lucknow, India.
 226. Devendra K Rai, Prashant K Rai, Ratnesh K Sharma, Geeta Watal & **Sharma B.** (2009). The *C. dactylon* extract may ameliorate carbofuran induced oxidative damage to rat brain. In: Proc. AFRR2009 and 8th SFRR-India meeting, poster no. P83, March 19-21, 2009 at KG Medical University, Lucknow, India.
 227. **B. Sharma** (2009). Carbofuran induced oxidative stress in mammalian brain. In: Proceedings of International conference on Advances in Free Radical Research: Natural Products, Antioxidants and Radioprotectors (AFRR-2009), March 19-21, 2009 at KG Medical University, Lucknow, India. Invited Lecture.
 228. **B. Sharma** (2009). Exploring new targets for antiHIV-1 drug design and combating HIV-1 replication. In: Proceedings of BIT Life Sciences 2nd Annual World Summit of Antivirals: Meeting the Health Challenges in the Globalisation, July 18-20, 2009, Beijing International Convention Center, Beijing, China, **Invited Speaker**, Track 4, Antivirals on HIV.
 229. Rai P.K., Rai D.K., Rai NK, **Sharma, B.**, Watal G. and Rai A.K. (2009). Application of LIBS in Detection of Antioxidant Elements: A New Strategy. In: Proceedings of the 8th DAE-BRNS National Laser Symposium, Laser Science and Technology Centre, (LASTEC) Delhi, January 7-10, 2009
 230. **Sharma B.** (2008). Recent advances in Computer Aided Drug Design with special reference to antiHIV-1 chemotherapeutics. Proceedings of International Symposium on "Innovative research on Anti-AIDS drug discovery. August 25, 2008, Kasetsart University, Bangkok, Thailand. **Guest Speaker**
 231. **Sharma B.** (2008). Peptide nucleic acids (PNA) as potential antiHIV-1 regimen. In: Proceedings of the 28th Annual Symposium of Academy of Environmental Biology, India at Jamia Hamdard University-New Delhi, India, October 2008. **Invited talk**
 232. Rai D.K., Rai P.K., **Sharma B.** and Watal G. (2008). Screening of glycemic attributes of *Trichosanthes dioicoia* leaves *in vivo*. Proceedings of Eighth Annual Diabetes Technology Meeting, Bethesda, MD, USA Nov. 12-15, 2008
 233. Rai, DK, Rai, P.K., Watal, G. and **Sharma, B.** (2007). Carbofuran induced alterations in the blood serum profile of Wistar rats. In: Proceedings of the International Forum for Public Health, at Shanghai (China), December 11-14, 2007.
 234. Rai, DK, Rai, P.K., Watal, G. and **Sharma, B.** (2007). Synergistic effects of two carbamates; carbofuran and carbaryl on the status of oxidative stress in rat brain. In: Proceedings of the International Forum for Public Health, at Shanghai (China), December 11-14, 2007.
 235. Rai, DK, Rai, P.K., Watal, G. and **Sharma, B.** (2007). Concerted effects of carbofuran and cartap on the oxidative indices in rat brain. In: Proceedings of the International Forum for Public Health, at Shanghai (China), December 11-14, 2007.
 236. **Sharma, B.** (2007). Human immunodeficiency virus type 1 reverse transcriptase (HIV-1RT) inserts ribonucleotides and extends the primer in normal template. In: Proceedings of National symposia on Current Advances in Molecular Biochemistry: Applications in Health, Environmental Sciences and Agriculture. University of Lucknow, India, December 28-30, 2007, pp.62
 237. Gupta, A., Rai, DK, Pandey, R.S. and **Sharma, B.** (2007). Lindane induced biochemical and behavioural alterations into *Channa punctatus*, a fresh water snake head fish. In: Proceedings of National symposia on Current Advances in Molecular Biochemistry: Applications in Health, Environmental Sciences and Agriculture. University of Lucknow, India, December 28-30, 2007, pp.62
 238. Kumar, Amit, **Sharma, B.** and Pandey Ravi S. (2007). Cyhalothrin induced alterations in the activity of acetylcholinesterase in the fresh water fish, *Channa punctatus*. In: Proceedings of International Symposium on Advances in Neurosciences and Silver Jubilee Conference of Indian Academy of Neurosciences. BHU-Varanasi, India, Nov.22-25, 2007,
 239. Rai, DK, Rai, P.K., Rizvi, S.I., Watal G. and **Sharma, B.** (2007). Amelioration of carbofuran induced oxidative stress by vit C in rat erythrocytes. 27th annual session of the academy of the Environmental biology and National Symposium on Biomarkers of Environmental Problems, CCS University-Meerut, India, October 26-28, 2007, pp.50
 240. Gupta, A., Rai D.K., Pandey, Ravi S., Pathak V. and **Sharma, B.** (2007). Occurrence of some heavy metals in the riverine sediments and fish from river Ganges at Allahabad. In: Proceedings of 27th annual session of the academy of the Environmental biology and National Symposium on Biomarkers of Environmental Problems, CCS University-Meerut, India. October 26-28, 2007, pp.25
 241. **Sharma, B.**, Rai Devendra K, Rai, Prashant K. and G. Watal. (2007). Concerted effect of carbofuran and cartap on the oxidative indices in rat brain. 17th Annual Conference of the International Society of Exposure Analysis, held at NC-USA, October 14-18, 2007, Oral presentation.

242. **Sharma, B.** (2007). Human Immunodeficiency Virus Type-1 (HIV-1RT) exhibits RNA polymerase activity. Proceedings of the 4th IAS Conference on HIV Pathogenesis, Treatment and Prevention, held at Sydney, Australia, July 22-25, 2007, **Poster Presentation**
243. Rai, D. K and **Sharma, B.** (2007). Carbofuran induced oxidative stress in mammalian brain. In: Proceedings of International Conference on Free Radicals in Biosystems, held at Kuwait University, Kuwait, March 18-21, 2007. **Invited Lecture**
244. **Sharma, B.** (2006). Invited Subject Expert (Biotechnology) in the 1st Uttarchal State Science Congress held at Dehradun Institute Technology (DIT), Dehradun on November 10-11, 2006.
245. Rai DK and **Sharma, B.** (2006). Carbofuran induced alterations in the levels of certain biomolecules in mammalian brain. In: Proceedings of the International Conference on Toxicology, Toxicogenomics and Occupational Health and 26th Annual Meeting of Society of Toxicologists-India, held at Jiwaji University, Gwalior, October 9-11, 2006. **Invited Lecture**
246. A. Yadav, A. Gopesh, **Sharma, B.** and Pandey R.S. (2006). In: Proceedings of 76th Annual Session, Symposium Concluding Function of Platinum Jubilee Celebrations of The National Academy of Sciences, India. Held at BARC-Mumbai, on October 6-9, 2006. **Oral presentation**
247. **Sharma, B.** (2006). Carbofuran induced changes in energy metabolism in *Clarias batrachus*, a fresh water fish. In: Proceedings of the International Conference on Toxicology, Toxicogenomics and Occupational Health and 26th Annual Meeting of Society of Toxicologists-India, held at Jiwaji University, Gwalior, October 9-11, 2006. **Invited Lecture**
248. Kumar A., **Sharma, B.** and Pandey Ravi S. (2006). Cypermethrin induced biochemical alterations in *Channa punctatus*. In: Proceedings of the International Conference on Toxicology, Toxicogenomics and Occupational Health and 26th Annual Meeting of Society of Toxicologists-India, held at Jiwaji University, Gwalior, October 9-11, 2006.
249. Yadav, A., Gopal, A., **Sharma, B.** and Pandey, R.S. (2006). Acetylcholinesterase activity-A device for biomonitoring industrial effluent toxicity in *Channa punctatus*. In: Proceedings of the International Conference on Toxicology, Toxicogenomics and Occupational Health and 26th Annual Meeting of Society of Toxicologists-India, held at Jiwaji University, Gwalior, October 9-11, 2006.
250. Yadav, A., Gopesh, A., **Sharma, B.** and Pandey, R.S. (2006). Industrial effluents induced biochemical changes in the selected tissues of fresh water fish, *Channa striatus*. Proceedings of 76th Annual Session of National Academy of Sciences, held at TIFR-Mumbai, October 6-8, 2006.
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253. **Sharma, B.** (2005). On the role of $\beta 8-\alpha E$ loop of human immunodeficiency virus type-1 (HIV-1 RT) in the replication of HIV-1. In: Proceedings of 3rd International AIDS Conference on Pathogenesis and Treatment of AIDS, Rio de Janeiro, Brazil, July 24-27, 2005. **Invited talk**
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