

Keynote Speakers

| Name | Affiliation | Title of the Keynote Speakers |
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| Dr. Shyam Kumar Masakapalli | Chairperson, Associate Professor, School of Biosciences and Bioengineering, (IIT, Mandi) | Smart BioSystems and Smart Agriculture with focus on Himalayas |
| Prof. Sanjay Kumar Bhadada | Professor & Head, Department of Endocrinology, PGIMER, Chandigarh | Reversal of type 2 diabetes or emerging complications of type 2 diabetes |
| Prof. Surinder Rana | Professor and Head, Unit III, Department of Gastroenterology, PGIMER, Chandigarh | Endoscopic treatment of pancreatitis and its complications: Paradigm shift in management |
| Prof. V. P. Kamboj | Former Director, CSIR-CDRI | Indian vaccines for Global Health care |
| Prof. Ghizal Fatima | Associate Professor, Era University, Lucknow, Uttar Pradesh | Circadian rhythm and diseases: Its more than just a Clock Oscillator |
| Prof. Shamsher Singh Kanwar | Professor, Department of Biotechnology, Himachal Pradesh University, Summer Hill, Shimla | Lipopeptides: The peptide(s) with potent biological activities |
| Prof. Mohammad Irfan Ali | Associate Professor and Head, Faculty of Life Sciences, Mandsaur University, Mandsaur, M.P. | Antimicrobial Resistance: Recent Advances and Challenges in the Development of a New Drug |
| Prof. Rup Lal | F(AAM), FNA, FNASc, FNAAS, INSA Senior Scientist, Acharya Narendra Dev College, University of Delhi, New Delhi | Harnessing Microbial Resources from the Manikaran and KheerGanga Hot Springs Located Atop the Himalayan Ranges in Himachal Pradesh |
| Prof. Bikash Medhi | Founder: Experimental Pharmacology Laboratory and Neurobehavioral laboratory, Department of Pharmacology. | Treatment optioned for COVID-19 what we experience so far OR Drug Development and NON-clinical Toxicity studies, how to file Investigational Drug Applications (IND). |
| Dr. Nagendra Rawat | Assistant Professor of History and Archeology, HNB Garhwal University | Bridging the Past and Present for a Sustainable Future: The Role of Science, Technology, and Archaeology in the Himalayas |

| Name | Affiliation | Title of the talk |
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| Dr. Rajesh Kumar | Assistant Professor & Head/In-Charge of Department of Geology, Doon University, Uttarakhand | Temple waste management in Himachal Pradesh for sustainable development and green future |
| Dr. Y. P. Sudriyal | Professor of Geology, HNBG University, Uttarakhand | Climatically induced disasters in Himalaya with special reference to Uttarakhand |
| Dr. Lokesh Ohri | Chief Executive Officer and Founder of Been There, Doon That? | Himalayan Communities and the March of Modernity |
| Dr. N. K. Ganguly | Former Director, ICMR | Modern day science impacting health care and public health |
| Prof. Surajit Pathak | Professor, Chettinad Academy of Research and Education, Chennai. | Biomarkers Discoveries in Colorectal Cancer |
| Prof. B.D. Joshi | Department of Zoology & Environmental Sciences Gurukula Kangri University, Haridwar (U.K.) | Impacts & Prospects of the Developing Hydro-power Projects on the Riverine Eco-systems within Himalayan regions of Uttarakhand |
| Dr. Antara Banerjee | Associate Professor, Chettinad Academy of Research and Education | Clinical applications of Human Mesenchymal stem cells and exosomes in cancer and aging |
| Prof Dulal Panda | Director, NIPER - SAS Nagar | Spindle poisons as anticancer drugs: opportunities and challenges |
| Dr. Navin Juyal | Formerly with Physical Research Laboratory, Ahmedabad, Gujarat | Climate change and threatening livelihood: some recent examples from the Himalayas region |
| Dr. Devendra K Agarwal (online) | Professor, Western University of Health Sciences, USA | |
| Dr. Aparna Sareen | Senior Scientific Officer, Uttarakhand State Council for Science & Technology | Building Resilience in Himalayan Communities |
| Dr. Ravi Gupta | Director, Sports and Injury Center, Fortis Hospital, Mohali | Osteoporosis – the silent thief |
| Dr. Varsha Gupta | Professor and Head, Department of Microbiology, Government Medical College, Chandigarh | Mystical world of viruses |

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| Dr. R.K. Negi | Associate Professor, HPU, Shimla | Biodiversity and tourism: a preliminary study in Buspa (Sangla) valley in Kinnaur, Himachal Pradesh |
| Dr. Tejinder Kaur | Coordinator, Department of Zoology, DAV University, Jalandar | Zoonotic Infections – how far is the mankind responsible? |
| Dr. R. K. Negi | Professor, Dept of Zoology, University of Delhi | Fish gut microbiome – past, present, and future |