

Keynote Speakers

Name	Affiliation	Title of the Keynote Speakers
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
Dr. Rajesh Kumar	Assistant Professor, HPU Shimla In-charge of Department of Geology, Doon University, Uttarakhand	People, waste management in Himachal Pradesh & potential need in the NW Himalaya 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

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