



SUN PHARMA
SCIENCE FOUNDATION

Sun Pharma Science Foundation National Symposium on **“Molecular Diagnostics in the Era of Genomics and Proteomics”**

Date : **October 16, 2023 – 10:00 to 16:30 hours**
: **October 17, 2023 – 10:00 to 16:30 hours**

Venue : **University of Kashmir, Srinagar.**

About the Symposium

Molecular diagnostics is an integration of molecular biology techniques used in medical testing for identification of biomarkers in the genome and proteome. Combination of next generation sequencing and high-resolution mass spectrometry in molecular diagnostics has changed the landscape of clinical diagnosis and management in medical sciences. The techniques of genomics and proteomics would become the approach of the future in molecular diagnostics and impact medical sciences in the mechanistic and in-depth understanding of diseases. For this advancement, the minds of young students need to be exposed, well prepared, and trained in these evolving trends. The main thrust of this conference would be to educate college and university students about the integration of genomics and proteomics in medical sciences as a molecular diagnostic tool. The conference will have scientists who are at the forefront of research involving genomics, proteomics, data analysis and molecular diagnostics. The goal would be to discuss how basic sciences can be integrated and translated into tools in medical sciences. The conference would expose young students to the modern trends and needs in research enabling them to align early on in their careers.

About Sun Pharma Research Foundation:

The Sun Pharma Science Foundation (SPSF) is a non-profit organization registered under Societies Registration Act. The objective of the Foundation is to promote scientific research in the fields of Medical and Pharmaceutical Sciences in the country through encouragement and rewarding excellence in research in the above areas and by channelizing both national and international knowledge and expertise. So far Foundation has conducted 23 International Symposia and 39 National/Annual conferences.

The Foundation is managed by an autonomous Governing Council and all the Council Members are independent and have no interest in the commercial activities of Sun Pharmaceutical Industries Limited. The foundation is currently chaired by Prof. Virander S. Chauhan, Arturo Falaschi Emeritus Scientist, Distinguished Biotechnology Research Professor (DBT), International Centre for Genetic Engineering and Biotechnology, New Delhi and Distinguished Visiting Professor, Institution of Eminence University of Delhi.

The Foundation organises two Annual National Symposiums on any topic which is at the cutting edge of research in Medical Sciences. The aim of the symposium is to explore the latest research in a selected area of speciality which holds promise of improved health care along with an application potential for the benefit of mankind on topics of contemporary concern to human health. Besides, the foundation organises Training Work Shop for Young clinical researchers, basic scientists engaged in research on biomedical sciences and pharmaceutical sciences who teach epidemiological methods to clinicians. Also from 2023 onwards Foundation has started a new activity for early career researchers as **Clinical Research Fellowship** in which each selected candidate can carry their research outside their Institute for 6 months time.

About University of Kashmir:

The University of Jammu and Kashmir was founded in the year 1948. In the year 1969 it was bifurcated into two full-fledged Universities: University of Kashmir at Srinagar and University of Jammu at Jammu. The University of Kashmir is situated at Hazratbal in Srinagar. It is flanked by the world famous Dal Lake on its eastern side and Nigeen Lake on the western side. Over the years, the University of Kashmir has expanded substantially. It has established Satellite Campuses at Anantnag (South Campus), Baramulla (North Campus) and Kupwara (Kupwara Campus) to make higher education more accessible to people living in remote areas of the Kashmir valley. The University has also established a Sub-Office at Jammu to cater to the needs of the candidates enrolled with the University from outside Kashmir. Over the years, the University has marched towards excellence in its programmes and activities. It has been re-accredited as Grade-A+ University by the National Assessment & Accreditation Council (NAAC) of India. The university is ranked at 33rd and 56th position by NIRF and BRICS, respectively. This is a recognition and a reflection of the high standards in the quality of teaching and research at the University of Kashmir.

About Centre of Interdisciplinary Research & Innovations (CIRI):

The University of Kashmir established the Centre for Interdisciplinary Research & Innovations in 2019 with an objective to attract highly competent, talented, and well-trained young scientists from abroad through prestigious fellowships like the Wellcome trust-DBT India Alliance, Ramanujan and Ramalingamswami, across various disciplines. It is an initiative to convert brain drain into brain gain and develop University of Kashmir into a hub of scientific discoveries and innovations. The Centre is promoting cutting-edge interdisciplinary research directed at addressing social and scientific challenges through innovative solutions to the local and regional problems. CIRI is integrating various disciplines in the university for collaborative research, and in a short span of time has attracted a lot of attention from the scientific community, secured research grants, attracted talented young scientists from top universities abroad and established high end research facilities. Currently, the centre has six active well equipped laboratories engaged in cutting edge research in areas like epigenetics, 3D genome organization, structural biology, neurogenetics, polymer chemistry and quantum physics.

For Registration: <https://sunpharmasciencefoundation.net/>

Scientific Advisory Committee:

Prof. Virander S. Chauhan, Chairman, Sun Pharma Science Foundation

Prof. Nilofer Khan, Vice Chancellor, University of Kashmir

Prof. Irshad Nawchoo, Dean Research, University of Kashmir

Prof. Hemalatha Balaram, JNCASR Bangalore

Dr. Altaf Bhat, CIRI, UoK Srinagar

Dr. Javaid Yousuf Bhat, CIRI, UoK, Srinagar

Dr. Amit Nasa, Member Secretary, Sun Pharma Science Foundation

Organizing Committee:

Mr. V.A. Thangachan

Dr. Wajid Bhat

Dr. Gulzar Bhat

Dr. Ajazul Wani,

Dr. Rafeeq Mir

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