

Who can attend

- Executives, engineers and researchers from manufacturing, service and government organizations including R&D laboratories.
- Students at all levels (Bachelor/Master degree, PhD) or Faculty/Researchers from reputed academic institutions and technical institutions.

Venue of Workshop

Seminar Room, Department of SAIF/CIL,
Panjab University, Chandigarh

Registration Fee

The participation fees for taking the course is as follows:

Participants from abroad	: US \$300
Industry/Research Organizations	: ₹ 3000/-
Academic Institutions	: ₹ 2000/-

The above fee includes all instructional materials and assignments and 24 hr free internet facility. The participants will be provided with accommodation on payment basis.

Please contact course coordinators

Prof. Dr. Surjit Singh

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Patron: Prof. Raj Kumar

Vice Chancellor, Panjab University, Chandigarh

Local Coordinator GIAN: Prof. S. K. Mehta

Director, SAIF/CIL, Panjab University, Chandigarh

Guest Faculty



Nima Rezaei is distinguished Professor of clinical immunology and allergy at Tehran University of Medical Sciences, Associate Dean of International Affairs in the School of Medicine and the Director of Global Academic Program (GAP). Nima Rezaei is the mastermind, founder and current president of the Universal Scientific Education and Research Network (USERN). Rezaei is known for his intellectual research in Primary Immunodeficiencies, characterization and treatment. He initiated the Iranian Primary Immunodeficiency Diseases Registry (IPIDR) in 1999, which earned him the best research project award in the 4th Avicenna festival. He has authored more than 700 publications, including several books to receive the 10th, 16th and 17th Avicenna Festival awards for best book of the year for; "Primary Immunodeficiency Diseases", Immunology of Aging" and "Cancer Immunology" series. Since 2014, his name has been listed among the World top 1% scientists by the essential indicators of science the ESI.



Surjit Singh, MD; DCH (Lon.); FRCP (Lon.); FRCPC (Lon.); FAMS; Fellowship in Pediatric Immunology (Lon.); FIAP; FICAAI, is a Professor of Pediatrics and In-charge Pediatric Allergy and Immunology Unit, Advanced Pediatrics Centre at PGIMER Chandigarh. He was a President of Indian Society for Primary Immune Deficiency (2013-2014) and Principal Investigator at the Centre for Advanced Research in Primary Immunodeficiency Diseases, Indian Council of Medical Research.



Deepak Salunke is Assistant Professor of Chemistry and Ramalingaswami Fellow of DBT at Panjab University, Chandigarh. Before joining PU he worked at CSIR-NCL Pune, ICSN-CNRS France, NCTU Taiwan and Department of Medicinal Chemistry at the University of Kansas (KU), Lawrence, USA and then promoted as Assistant Research Professor at Higuchi Biosciences Centre at KU. He also worked at Advinus Therapeutics and SAI Life Sciences Pvt. Ltd. Pune.



Amit Rawat is Professor of Pediatric Allergy and Immunology at the Department of Pediatrics, Advanced Pediatrics Centre, PGIMER Chandigarh. Dr Rawat worked at the Dept of Pathology, New York University School of Medicine, New York, USA under the AIDS International Training and Research Programme Fellowship and at the Department of Infectious and Paediatric Immunology, Medical and Health Science Centre, University of Debrecen, Hungary.

INTERNATIONAL WORKSHOP on PRIMARY IMMUNODEFICIENCY DISEASES FROM BENCH TO BEDSIDE

An event under



सत्यमेव जयते

GIAN

GLOBAL INITIATIVE FOR ACADEMIC NETWORKS



February 18–22, 2019



Organized by
Panjab University, Chandigarh

under the aegis of



About GIAN

Global Initiative of Academic Networks (GIAN) is a new program approved by Govt. of India which is aimed at tapping the talent pool of scientists and entrepreneurs, internationally to encourage their engagement with the institutes of Higher Education in India so as to augment the country's existing academic resources, accelerate the pace of quality reform, exchange of scientific thoughts through collaborations and elevate India's scientific and technological capacity to global excellence.

Overview

Primary immunodeficiency disease (PIDD) is a group of more than 150 rare hereditary disorders in which the common feature is a defect in a patient's immune system. Children with a PIDD are more prone to infections than are other kids and are at increased risk for certain autoimmune disorders. According to the leading experts in immunology, when part of the immune system is either absent or not functioning properly, it can result in an immune deficiency disease. In the most common PIDDs, different forms of immune cells or proteins are missing or do not function. This creates a pattern of repeated infections, severe infections and/or infections that are unusually hard to cure. These infections may attack the skin, respiratory system, the ears, the brain or spinal cord, or in the urinary or gastrointestinal tracts. Research in primary immunodeficiency is making great strides, improving treatment options and enhancing the quality of life for most people with these complex conditions. Treatment options are targeted toward the specific immune defects and can include transplantation (bone marrow, stem cell, thymus), immunoglobulin (antibody) replacement, preventative antibiotics and strategies to manage autoimmune disease.

Objectives

The major objective of the course is to introduce immune system and primary immunodeficiency diseases. The course will also provide details related to predominantly antibody deficiencies, structure and function of phagocytic cells and their defects, congenital neutropenia, common variable immunodeficiencies, combined immunodeficiencies, syndromic immunodeficiencies. Another objective is to introduce immunological screening tests and treatment of immunodeficiency diseases with clinical case studies. The role of Toll-Like Receptor (TLR) signaling in primary immune deficiencies or pattern recognition receptors in immunodeficiency disorders will also be discussed in details including mechanisms and pathways of innate immune activation and regulation in cancer, cancer immunotherapy and cancers in primary immunodeficiency diseases as well as TLRs as target for drug discovery.

About Chandigarh

Chandigarh is one of the most beautiful and well planned cities of India, designed by the French architect Le Corbusier. Serenity and a city are normally two diametrically opposite concepts, which however, get belied in the 'City Beautiful'. Chandigarh is a rare epitome of modernization co-existing with nature's preservation. The city is located near the foothills of the great mountains of Himalayas with the Queen of Hills, Shimla.

About Panjab University

Panjab University (PU) a public collegiate University, located in Chandigarh is one of the oldest Universities in India and established in 1882. University campus is spread over an area of 550 acres in sectors 14 and 25 of the city of Chandigarh. It is among the top ranked Universities of India. Panjab University has a long tradition of pursuing excellence in teaching and research in science and technology, humanities, social sciences, performing arts and sports. PU campus is also attracting and supporting the best minds and recruiting faculty who excel at teaching and research. University has 78 teaching and Research departments and 15 Centres/Chairs in the main campus. University has 188 affiliated colleges spread over Punjab. Gandhi Bhawan-one of the landmarks of 'city beautiful' is located at the university campus and has stunning architectural structure.

Accommodation

The participants may be provided accommodation at the University Guest Houses/ hostels on payment basis depending on the availability. Please send request for accommodation in advance along with travel plan.

Closing Date : February 10, 2019

REGISTRATION FORM

Name (Prof./Dr./Mr./Ms.): _____

Student Faculty Male Female

Address : _____

Phone/Mobile:

Email : _____

Registration Fee: _____

Accommodation required: Yes No

Accommodation required for number of days _____

Accommodation Fee : _____

Travel Plan: Arrival Date _____ Time _____

Departure Date _____ Time _____

Mode of payment: Cash Demand Draft

DD No. _____ Amount _____

Accommodation on sharing basis will be available @ 500 per day at Panjab University Guest Houses.

Note: DD in favour of "Coordinator GIAN, Panjab University" payable at Chandigarh.

In case payment is made through NEFT/RTGS, follow the account details below:

Account Name	
Prof. S.K. Mehta,	A/c No. : 35643257128
Coordinator GIAN,	IFSC Code : SBIN0000742
Dept. of SAIF/CIL,	Bank Name : State Bank of India
Panjab University,	Branch Name: Panjab University,
Sector 14, Chandigarh.	Chandigarh

Signature with Date