

SPARC INDO-US International Immunology Workshop

June 12 - 13, 2020

09:00 AM – 9:00 PM IST

Keynote Speakers



Prof. Javed N Agrewala

IIT Ropar, India

Prof. Joshy Jacob

Emory University, USA



Prof. Imtiaz Khan

George Washington University, USA

Dr. Katalin Wilkinson

Francis Crick Institute, UK

Prof. Zia Rahman

Penn State College of Medicine, USA

Prof. Aman Sharma

PGIMER Chandigarh, India

Dr. Ashutosh K Manglam

University of Iowa, USA

Dr. Sharvan Sehrawat

IISER Mohali, India

Dr. Pradip Sen

CSIR-IMTech, India

Dr. Pawan Gupta

CSIR-IMTech, India

Dr. Uthaman Gowthaman

Yale University, USA

**Nobel Laureate
Prof. Peter C. Doherty
Australia**



Prof. Robert J. Wilkinson

University of Cape Town, S. Africa

Prof. Andrea Cooper

University of Leicester, UK

Prof. Vijay K Kuchroo

Harvard University, USA

Prof. Rama Rao Amara

Emory University, USA

Prof. Jeremy M Boss

Emory University, USA

Prof. Alfred Bothwell

Yale School of Medicine, USA

Prof. Dipankar Nandi

IISc Bangalore, India

Prof. K. N. Balaji

IISc Bangalore, India



Many more



Dr. Pradeep Kumar Rai

BD Biosciences

Dr. Gurpreet Kaur

IIT Ropar, India

Sanpreet Singh

CSIR-IMTech, Chandigarh

Sidhanta Nanda

IIT Ropar, India

Sheetanshu Saproo

IIT Ropar, India



Dr. Subhadeep Mukherjee

BD Biosciences

Deep K Das

CSIR-IMTech, Chandigarh

Hilal Bahir

CSIR-IMTech, Chandigarh

Debarun Patra

IIT Ropar, India



Day 2

JUNE 2020

13

Saturday



Techniques

Flowcytometry: Dr. Pradeep Kumar Rai

Single cell MultiOmics: Dr. Subhadeep Mukherjee

Gene cloning and expression: Dr. Gurpreet Kaur

Overview of ELISA & ELISpot: Deep K Das

CRISPR-Cas9: Sanpreet Singh

RT-PCR: Hilal Bashir

Next Gen Sequencing : Sidhanta, Sheetanshu

Western Blotting : Debarun Patra

Click to Join - <http://www.iitrpr.ac.in/sparc-indo-us-workshop-immunology>

REGISTRATION

FREE

Organizers

Prof. SK Das, IIT Ropar
Prof. Javed N Agrewala, IIT Ropar
Prof. Imtiaz Khan, GWU USA
Prof. CR Suri, IIT Ropar
Dr. Srivatsava Naidu, IIT Ropar
Dr. Durba Pal, IIT Ropar

Click to Register

<https://forms.gle/SH2runhBrPemY4FZ8>

Last date for registration
June 10, 2020

Connect with us

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June
12
2020

SPARC-Indo-US Immunology Workshop – Day 1

09:00 – 09:15 IST | Inauguration of workshop – Prof. S.K. Das

Peter C. Doherty 09:30 – 10:00 IST	Q&A Session
Javed N. Agrewala 10:05 – 10:35 IST	Mere desh ki dharti, sona uglay, uglay heeray moti aur 'Caerulomycin'
Dipankar Nandi 10:50 – 11:20 IST	COVID-19 and role of other infection : an epidemiological study
K. N. Balaji 11:35 – 12:05 IST	Immunological implications of host factors during mycobacterial infections: role for distinct epigenetic transactions
Pawan Gupta 12:20 – 12:50 IST	An accord of nuclear receptor in chronic inflammatory disorder

13:00 - 14:00 | Lunch Break

Dr. Pradip Sen 14:00 – 14:30 IST	Runx : the Key regulator of anti-leishmanial immunity
Prof. Robert Wilkinson 14:45 – 15:15 IST	The Immune response in tuberculous meningitis
Dr. Katalin Wilkinson 15:30 – 16:00 IST	Effect of antiretroviral treatment on the immune response to tuberculosis in HIV-1 co-infected persons
Andrea Cooper 16:15 – 16:45 IST	T cells in trouble : how do we make T cells that can function in TB granuloma sites
U. Gowthaman 17:00 – 17:30 IST	Regulation of IgE response by T follicular helper subsets
A. K. Mangalam 17:45 – 18:15 IST	The gut feeling : breaking down the role of gut microbiota in autoimmune diseases
Alfred Bothwell 18:30 – 19:00 IST	Dickkopf 2 promotes tumorigenesis and metastatic progression of colorectal cancer in mice
Imtiaz Khan 19:15 – 19:45 IST	CD8+ T cell immunity against intracellular parasitic infection
Rama Rao Amara 20:00 – 20:30 IST	HIV vaccine : synergy between tissue resident T cell and antibody

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SPARC-Indo-US Immunology Workshop – Day 2

Aman Sharma 09:00 - 09:35 IST	Adventure of systemic vasculitis : care and clinical research
Sharvan Sehrawat 09:50 – 10:20 IST	Obtaining usable single domain antibodies using phage display technology
Pradip K. Rai 10:35 – 11:10 IST	Flowcytometry
S. Mukherjee 11:25 – 12:00 IST	Single Cell MultiOmics
Gurpreet Kaur 12:15 – 12:50 IST	Gene Cloning and Expression

13:00 - 14:00 | Lunch Break

Deep K Das 14:00 – 14:30 IST	Overview of ELISA & ELISpot
Sanpreet Singh 14:45 – 15:15 IST	CRISPR-Cas9
Hilal Bashir 15:30 – 16:00 IST	RT-PCR
Sidhanta Nanda Sheetanshu Saproo 16:15 – 16:45 IST	Next Gen Sequencing
Debarun Patra 17:00 – 17:30 IST	Western Blotting
Zia Rahman 17:45 – 18:15 IST	TLR signaling in systemic autoimmunity development
Jeremy M Boss 18:30 – 19:00 IST	Path to a plasma cell
Vijay K. Kuchroo 19:15 – 19:45 IST	Role of checkpoint molecules in regulation of cancer immunity
Joshy Jacob 20:00 – 20:30 IST	The origin of antibody mutants

20:40 – 21:00 IST | Concluding remarks – Prof. Javed Agrewala