IUSS / IIS / FIMSA Course

Basic and Advanced Translational Immunology

Rajasthan University of Health Sciences
Jaipur, India
Oct 12-16, 2019

(Sponsored by Indian Council of Medical Research)

Scientific Program
Committees

Patrons
Balram Bhargava
Raja Babu Panwar
Vishwa Mohan Katoch
Mohan Lal Swarankar

Course Convenors
Narinder K Mehra
Shubhada Chiplunkar

Indian Immunology Society
Sunil K Arora

RUHS, Jaipur
Bharti Malhotra
Sudhanshu Kacker
Rajni Sabharwal
Aradhana Singh

EDU-IUIS
Dieter Kabelitz

FIMSA
Laura Mackay

MGUMST, Jaipur
Vikas C Swarankar
Mahesh Chandra Misra
Hemant Malhotra
Ram Mohan Jaiswal

Organizing Group

Amit Awasthi
Scientific Secretary

Gurvinder Kaur
Scientific Secretary

Rushikesh Patil
ACTREC, Mumbai

Uma Kanga
Treasurer, IIS

Gaurav Sharma
Course Secretary
Scientific Program

Saturday, 12 October 2019

Time

15:00 – 17:00  Registration at RUHS

17:00 – 18:30  Opening Lectures - 40 Min. each

Keynote Lecture-1
Immunology in Asia Oceania-historical aspects  Narinder Mehra (India)

Keynote Lecture-2
Strategies to apply gd T cells for immunotherapy  Dieter Kabelitz (Germany)

18.30 onwards -Welcome:  Sunil K Arora, President IIS

-About the course:  Narinder K Mehra, Course Convener

-Address:  Vishwa M Katoch, Former Secretary, DHR

-Address:  Nirmal K Ganguly, Former DG ICMR

-Address:  Mohan L. Swarankar, Chancellor, MGUMST

-Host institution:  Raja Babu Panwar, Vice Chancellor, RUHS

-Inaugural address:  Balram Bhargava, Secretary DHR and DG, ICMR

Guest of Honor:  Vinod Paul, Member Niti Aayog

Chief Guest:  Shubhada Chiplunkar, Course Convener

19:30-21:30  Welcome Reception
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>08:30 – 09:00</td>
<td>Immunology from the scratch – Indian effort</td>
<td>G P Talwar (India)</td>
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<td>09:00 – 09:45</td>
<td>Metabolic checkpoints of immune response</td>
<td>Vishwa Deep Dixit (USA)</td>
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<td>09:45 - 10:30</td>
<td>T cell subsets</td>
<td>Amit Awasthi (India)</td>
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<td>10:30 – 11:00</td>
<td>Tea/Coffee</td>
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<tr>
<td>11:00 – 11:45</td>
<td>B cell biology and antibody repertoire</td>
<td>Pablo Engel (Spain)</td>
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<td>(EFIS Speaker)</td>
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<td>11:45 – 12:30</td>
<td>Therapeutic antibodies and future in the clinics</td>
<td>Joshy Jacob (USA)</td>
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<td>12:30 – 14:00</td>
<td>Technical Sessions and Lunch Poster Viewing</td>
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<td>14:00 – 14:45</td>
<td>Co-stimulation of T cell responses</td>
<td>Bernhard Fleischer (Germany)</td>
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<td>14:45 – 15:30</td>
<td>Growing up with Herpes virus</td>
<td>Rene van Lier, (Holland) (EFIS Speaker)</td>
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<td>15:30 – 15:45</td>
<td>Tea/Coffee</td>
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<tr>
<td>15:45 – 16:30</td>
<td>Innate lymphoid cells: deciphering roles in homeostasis, inflammation and tumor surveillance</td>
<td>Gabrielle Belz (Australia) (ASI Speaker)</td>
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<td>16:30 – 17:15</td>
<td>Immunometabolic mechanisms of inflammation in health and disease</td>
<td>Vishwa Deep Dixit (USA)</td>
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<td>17:15 – 18:00</td>
<td>Principles of immunological tolerance</td>
<td>Abul Abbas (USA)</td>
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<td>18:00 - 18:30</td>
<td>Networking Session (Meet the speakers)</td>
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<td>20:00 - 22:00</td>
<td>Dinner</td>
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Monday, 14 October 2019

“Autoimmunity”

08:30 – 09:15 Autoimmunity in the CNS
Bernhard Fleischer (Germany)

9:15 – 10:00 Autoimmunity and chronic inflammation:
The example of myositis
Olivier Boyer (France)

10:00 – 10:30 Tea/Coffee

10:30 – 11:15 Regulatory T cells
Abul Abbas (USA)

11:15 – 12:00 Autoimmunity and chronic inflammatory diseases
Abul Abbas (USA)

12:00 – 14:00 Technical Session and Lunch Poster viewing

14:00 – 14:45 Novel therapeutic strategies for autoimmune diseases
Abul Abbas (USA)

14:45 – 15:30 Hematopoietic stem cell transplantation
Neena Kapoor (USA)

15:30 – 16:00 Tea/Coffee

16:00 – 18:00 Short oral presentations selected from abstracts (8 + 2 min)
Abstract Nos. 21, 27, 31, 32, 34, 43, 49, 51, 64, 69, 77, 93

18:30 - 21:00 Dinner – buses leave for the venue

Tuesday, 15 October 2019

“Tumor Immunology”

08:30 – 09:15 Immune evasion strategies of the tumor
Shubhada Chiplunkar (India)

09:15 – 10:00 The tumor microenvironment and cancer stem cells
Sunil Arora (India)

10:00 – 10:45 Lipid rafts and modifiers in cell signalling for precision medicine
Hannes Stockinger (Austria)

10:45 – 11:15 Tea/Coffee

11:15 – 12:00 Recent progress in cancer immunotherapy; checkpoint blockade
Abul Abbas (USA)
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<td>MHC and Transplantation immunology                                                           Narinder Mehra (India)</td>
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<td>09:00 – 09:30</td>
<td>Crossing histocompatibility challenges in solid organ transplantation                         Rajalingam Raja (USA)</td>
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<td>09:30 – 10:00</td>
<td>A natural transplantation model: the placenta                                              Clive Gray (South Africa)</td>
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<td>10:00 – 10:30</td>
<td>NK cells in clinical transplantation and cancer immunotherapy                               Rajalingam Raja (USA)</td>
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<td>10:30 – 11:00</td>
<td>Tea/Coffee</td>
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<td>11:00 – 11:45</td>
<td>From Behring to Bruton and beyond: the story of intravenous immunoglobulins (IVIG)          Srini Kaveri (India)</td>
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<td>11:45 – 12:30</td>
<td>Primary Immunodeficiencies                                                                 Mukesh Desai (India)</td>
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<td>12:30 – 13:15</td>
<td>FACS based diagnosis of PIDs                                                                Manisha Madkaikar (India)</td>
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<td>13:15–14:15</td>
<td>Lunch</td>
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<td>14:15–15:00</td>
<td>Immunodeficiency and autoimmunity                                                           Reinhold Schmidt (Germany)</td>
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<td>15:00–15:45</td>
<td>Imaging inflammatory cues in viral infection                                               Joanna Groom, (Australia)  (FIMSA Speaker)</td>
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<td>15:45 Onwards</td>
<td>Closing ceremony</td>
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<td>(Tea/Coffee and Departures)</td>
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# Social Events

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<th>Date</th>
<th>Details</th>
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| Oct. 12 (Sat) | 3.00 PM: Registration at RUHS  
5.00 PM: Opening Lectures  
6.30 PM: Inauguration and Welcome Reception (Venue: RUHS) |
| Oct. 13 (Sun) | 8.00 PM: Participants’ Dinner (at residence) - all participants  
8.00 PM: Faculty Dinner (at Fort 1135 AD) - (Invitation only). |
| Oct. 14 (Mon) | 7.00 PM: Dinner at Chokhi Dhani (Faculty and Participants)  
(The Artisan village - a spectacular exhibition of arts and crafts and a variety of Rajasthani cuisine for your palate - an evening to remember) |
| Oct. 15 (Tue) | 1.30 PM: Sightseeing tour of Jaipur - Networking Time (buses leave at 1.30 PM).  
8.00 PM: Course Dinner at Hotel Crowne Plaza (Participants, Faculty, Invitees) |
| Oct. 16 (Wed) | 3.45 PM: Closing Ceremony and departures |
Sponsors

International Union of Immunological Societies (IUIS)
Federation of Immunological Societies of Asia Oceania (FIMSA)
Indian Immunology Society (IIS)
Council of Scientific and Industrial Research (CSIR)
Rajasthan University of Health Sciences (RUHS)
Mahatama Gandhi University of Medical Sciences and Technology (MGUMST)
Indian National Science Academy (INSA)

Participating Companies
(Technical Sessions)

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