## Day 1 (08 February, 2020)

### (8.30 - 10:00)
(15 minutes for each talk)

**Bhargava Auditorium**

**PIIDs across the globe**
(Co-sponsored by Grifols and Intas)

**Chair:** Shobha Sehgal, Tapas Sabui, Martine Pergent
2. Status of PID care in Europe - ESID perspective: Isabelle Meyts
3. How has PID care evolved in Latin America? - LASID perspective: Francisco J. Espinosa-Rosales
4. How has PID care evolved in Africa? - ASID perspective: Tandakha Dieye
5. Birth and evolution of PID care in Asia - APSID perspective: Yu Lung Lau
6. PIIDs in India - are we different from the rest of the world?: Surjit Singh

### (10.30 - 12.15)
(15+3 minutes for each talk)

**Parallel Session**

**Bhargava Auditorium**

**Tea/Coffee (10:00-10.30)**

**Symposium 1**
Infections in patients with PIIDs

**Chair:** Latika Gupta, Harsimran Kaur, Aman Sharma
1. Viral infections in patients with hypogammaglobulinemia: What is our current understanding? Kohsuke Imai
2. Mycobacterial infections and PIIDs: Woei Kang Liew
3. Unusual fungal infections - Almost always PID: Mukesh Desai
4. Oral abstracts

**Title:** Protem Manifestations of Mendelian Susceptibility to Mycobacterial Disease (MSMD)
**Presenter:** Prasad Taur

**Title:** Neurological manifestations in children with primary hypogammaglobulinemia
**Presenter:** Himanshi Chaudhary

**Title:** Clinical, Immunological, and Molecular Findings in 12 cases of DOCK8 deficiency.
**Presenter:** Maya Gupta
### Symposium 2
Panel discussion: Vaccination in patients with Primary Immunodeficiency Diseases - Not an easy task for immunologists?

**Moderator:** Taco Kuijpers  
Expert Panelists:  
Godfrey Chi-Fung Chan  
Shanmuganathan Chandrakasan  
Amir Latiff  
Vikas Agarwal  
Joseph John

### Symposium 3
Hereditary Angioedema (Sponsored by Takeda)

**Chair:** Sunil Dogra, Mushtaq Bhat, Fiona Wardman

1. Overview of Takeda Immunology Pipeline: Takeda Medical Affairs  
2. Hereditary Angioedema diagnosis in India: Where are we? Chandrashekara S  
3. Hereditary Angioedema management: Improving patient outcomes- Hilary Longhurst  
4. Oral abstract

**Title:** Clinical and genetic profile of patients with hereditary angioedema: an experience from North West India  
**Presenters:** Ankur Jindal and Anit Kaur  
5. Q&A and Discussion

### Lunch (12.15 - 13.15)

Guided Poster walk  
[Zakir Hall, adjacent to Bhargava Auditorium]
### Symposium 4
Autoimmunity and immune-dysregulation

**Chair:** Sandesh Guleria, Priyankar Pal, Vikas Agarwal

1. A comprehensive approach to disorders of immune dysregulation: **Hirokazu Kanegane**
2. Auto-inflammatory syndromes - Cross talk between Rheumatology and Immunology: **Deepthi Suri**
3. A typical and early onset enteropathy - the role of immune and genetic evaluation: **Shanmuganathan Chandrakasan**
4. What is new under the umbrella of complement deficiency? **Roshini Abraham**
5. Oral abstracts

*Title:* Autosomal dominant RELA haploinsufficiency causes autoinflammatory and autoimmune disorders  
*Presenter:* Kunihiko Moriya

*Title:* Prolonged event free survival in 3 children with autoimmune lymphoproliferative syndrome: a clinical experience from a tertiary care center at Chandigarh, North India  
*Presenter:* Johnson Nameirakpam

*Title:* A South Indian cohort of compound heterozygotes for the Hyper-IgD syndrome  
*Presenter:* Geeta MG

### Symposium 5
Case based lectures on organ specific manifestations in PIDs

**Chair:** Rajesh Vijayvergiya, Avinash Sharma, Shefali Khanna Sharma

1. Lung involvement in PIDs - An era beyond infections: **Francisco J. Espinosa - Rosales**
2. Hematological involvement in PIDs - How to manage?: **Godfrey Chi - Fung Chan**
3. Skin as a window to look into the patient - The hallmark cutaneous manifestations in PIDs: **Woei Kang Liew**
4. The eye and primary immunodeficiency diseases - an unexpected combination: **Martin V Hagen**
5. Oral abstract

*Title:* Interstitial Lung Disease Frequently Precedes CVID Diagnosis  
*Presenter:* Leif Hanitsch

**Tea/Coffee (16.15 - 16.45)**
Clinicopathologic conference:

Chair: Vignesh Pandiarajan and Ritambhra Nada

Presenter: Isabelle Meyts (Clinical) and Kirti Gupta (Pathology)

Conference Dinner (19.00 - 22.00)
Venue: CGA Golf Range, Sector- 6, Chandigarh
Day 2 (09 February, 2020)

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>(07.30-08.30)</td>
<td>General Body Meeting</td>
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<td>(08.30-10.00)</td>
<td>Symposium 6: Diagnostics in PIDs</td>
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<tr>
<td>(10.00-10.30)</td>
<td>Tea/Coffee</td>
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General Body Meeting

Symposium 6: Diagnostics in PIDs

**Chair:** Sanjay Jain, Ankur Jindal, Prateek Bhatia

1. Next Generation Sequencing in PIDs - Role and disputes: Janet Markle
2. Scope of Next Generation Sequencing for the diagnosis of PIDs in India: Sheetal Sharda
3. Current status and future prospects of newborn screening for PIDs: Roshini Abraham
4. Flow cytometry - Role and limitations in the diagnosis of PIDs: Manisha Madkaikar
5. Oral abstracts

- **Title:** Diagnosis of Primary Immunodeficiency Disorders using Next Generation sequencing: experience from ICMR- NIIH, Mumbai
  **Presenter:** Priyanka Kambli

- **Title:** A comprehensive analysis of TREC/KREC assay for a cohort of clinically suspected T and B cell defects in India
  **Presenter:** Abhinav Jain

- **Title:** Mutation spectrum of Severe Combined Immunodeficiency (SCID) from North India
  **Presenter:** Rajni Kumrah
Symposium 7
Meet the expert session (sponsored by Takeda)

Chair: Chandrasekhara S
1. Welcome and Introduction
2. HAE Diagnosis and Management - An Overview: Hilary Longhurst
3. PID Diagnosis and Management - An Overview: Leif Hanitsch
4. Q&A and Discussion

Symposium 8
Recent trends in PIDs

Chair: Ranjana W. Minz, Rashmi Bagga, Debashish Danda
1. The WAS gene - a single gene defect with multiple clinical phenotypes: Hans Ochs
2. Phenocopies of PID - When to suspect and how to evaluate: Amit Rawat
3. Female carriers of X-linked PIDs - Are they simply carrying the genes: Taco Kuijpers
4. Activated PI3 Kinase Delta Syndrome (APDS) - Immune abnormalities and metabolism: Xiaodong Zhao
5. STAT3 Hyper-IgE syndrome is much beyond infections - an Indian experience: Biman Saikia
6. Oral abstracts

Title: Correlation of clinical score with protein assay and molecular analysis in a single center cohort of patients with Wiskott - Aldrich Syndrome
Presenter: Rashmi R

Title: Varied clinical manifestation of Lipopolysaccharide (LPS) Responsive Beige like Anchor (LRBA) protein deficiency - A single center experience
Presenter: Silky Aggarwal

Title: WASp is essential for immunological tolerance by promoting IL-2/IL-2R signaling in Treg cells
Presenter: Qin Zhao

Title: Extreme lyonization in X-Linked Chronic Granulomatous Disease carriers: A curse?
Presenter: Gouri P. Hulea
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<tr>
<td>(12.30 - 13.15)</td>
<td>Prof. Yu Lung Lau Oration to be delivered by Isabelle Meyts</td>
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<td>(Bhargava Auditorium)</td>
<td>Chair: Yu Lung Lau, Amit Rawat, Deepti Suri</td>
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<td>Topic: Human Adenosine Deaminase type 2 Deficiency: An Evolving Spectrum</td>
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<td>Lunch (13.15 - 14.15)</td>
<td>Guided Poster walk</td>
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<td>(13.45-15.00)</td>
<td>[Zakir Hall, adjacent to Bhargava Auditorium]</td>
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<td>(14.15 - 14.45)</td>
<td>Symposium 9 Panel discussion</td>
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<td>(Parallel Session) (Advanced Pediatrics Centre Auditorium)</td>
<td>How understanding of immune system has improved our management in immunology - Therapeutic implications of immunomodulators and biologics:</td>
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<td>Moderator: Hirokazu Kanegane</td>
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<td>Expert Panelists:</td>
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<td>Isabelle Meyts</td>
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<td>Amita Aggarwal</td>
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<td>Debashish Danda</td>
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<td>Martin V Hagen</td>
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<td>(14.45-15.30)</td>
<td>Symposium 10: Challenges of malignancy in PIDs</td>
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<td>(15+3 minutes for each talk)</td>
<td>Chair: Aman Gupta, Nutan Kamath</td>
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<td>(Parallel Session) (Advanced Pediatrics Centre Auditorium)</td>
<td>1. How does one differentiate lymphoproliferation from lymphoma in patients with PIDs: Shankmuganathan Chandrakasan</td>
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<td>2. EBV associated PIDs and predisposition to malignancy: Tandakha Dieye</td>
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<td>3. Oral abstract</td>
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<td>Title: Learnings from our experience with EBV- the road travelled so far</td>
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<td>Presenter: Vijaya Gowri</td>
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### Symposium 11

**Immunoglobulin replacement is the backbone of management in patients with primary immunodeficiency diseases: Where do we stand and how can we improve?**

*Co-sponsored by Takeda and Intas*

**Chair:** Yu Lung Lau, Hans Ochs

1. **Immunoglobulin replacement therapy for PID Management - Basic Science Perspective:** Srini Kaveri
2. **Immunoglobulin replacement therapy for PID Management - Clinical Perspective:** Leif Hanitsch
3. **Panel discussion on intravenous and subcutaneous immunoglobulin replacement therapy**

**Moderator:** Hans Ochs

**Expert Panelists:**
- Nita Radhakrishnan
- Srini Kaveri
- Francisco J. Espinosa-Rosales
- Nizar Mahlaoui
- Leif Hanitsch

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### Symposium 12

**Therapeutics in PIDs**

**Chair:** Sagar Bhattad, Alka Khadwal

1. **Gene variants in PIDs - New tools in diagnosis and treatment:** Martin Van Hagen
2. **Stem cell transplant in PIDs - Indian Perspective:** Revathi Raj
3. **Oral abstracts**

**Title:** Hematopoietic Stem Cell Transplantation for Primary Immunodeficiency Disorders: A single institution experience

**Presenter:** Fouzia N. A.

**Title:** Haplo-identical transplant using Post-Transplant Cyclophosphamide (PTCy) in children with Severe Combined Immunodeficiency - a tertiary care center experience from South India

**Presenter:** Stalin Ramprakash

**Title:** CD34+ stem cells selection and CD3+ T cells addback from MUD in pediatric recipients

**Presenter:** Fulvio Porta

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### Tea/Coffee (15.30 - 16.00)
Symposium 13
Therapeutics in PIDs

Chair: Dhrubajyoti Sharma, Varun Dhir
1. Recent trends in the management of genetic forms of HLH: Shanmuganathan Chandrakasan
2. Recent trends in the management of chronic granulomatous disease: Nizar Mahlaoui
3. Oral abstracts

Title: Hemophagocytic Lymphohistiocytosis in infancy: A case series
Presenter: Harikrishnan B

Title: Study of immunological and clinical spectrum in familial Hemophagocytic Lymphohistiocytosis type-5 patients with STXBP-2 mutations
Presenter: Madhura Kelkar

Title: Training and resource needs of pediatricians in the Asia Pacific: experiences of Asia Pacific Society for Immunodeficiencies Schools (2015-19)
Presenter: Daniel Leung

Closing remarks: Yu Lung Lau and Surjit Singh
## Scientific Programme for International Nursing Group for Immunodeficiencies (INGID) session at 3rd APSID Congress

### 08 February, 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Details</th>
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<tr>
<td>(09.00 - 14.00)</td>
<td>1. Immunoglobulin replacement therapy: Geraldine Dunne</td>
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<td>2. Immunoglobulin replacement therapy for patients with PIDs - A developing</td>
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<td>country perspective: <strong>Ruchi Saka</strong></td>
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<td>3. Management during (and prior to) hematopoietic stem cell transplant for</td>
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<td>PIDs: <strong>Geraldine Dunne</strong></td>
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<td>4. Nursing management in patients with PIDs - a developing country perspective:</td>
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<td><strong>Jyoti Sahni</strong></td>
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<td>5. Open Forum: <strong>Geraldine Dunne, Ruchi Saka, Jyoti Sahani</strong></td>
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**Scientific Programme for International Patient Organization for Primary Immunodeficiencies (IPOPI) session at 3rd APSID Congress**

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<thead>
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<th>Date</th>
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<th>Session</th>
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| 09 February, 2020 | (09.00 - 15.00) (30 minutes for each talk) | 1. An overview about foundation and activities of International Patient Organization for Primary Immunodeficiencies (IPOPI): Martine Pergent  
2. An overview of activities of Primary Immunodeficiency Patients’ Welfare Society (PIDPWS) in improving the care for patients with PID in India: Rukhsana Haneef |
|            | Tea/Coffee (10:00 - 10:30) | 3. An overview of activities of Indian Patients Society for Primary Immunodeficiency (IPS) in improving the care for patients with PID in India: Rubby Chawla  
4. Primary Immunodeficiency Diseases - How much should a patient know?: Sagar Bhattad  
5. Tips and Tricks to prevent infections in immunodeficiency patients and how to improve health: Arouba Khan Pathan  
6. Improving the psychosocial care of the parents of patients with PID: Rajni Sharma  
7. Hereditary Angioedema International (HAEi) organization - the journey so far: Fiona Wardman |
| 09 February, 2020 | Lunch (13:00 - 14:00) | 8. Open forum for patients: Martine Pergent  
Sagar Bhattad  
Rukhsana Haneef  
Rubby Chawla  
Fiona Wardman  
Rajni Sharma  
Arouba Khan Pathan |

**Interpreter:** Ankita Singh and Ruchi Saka