

# Scientific Program

## Day 1 (08 February, 2020)

**(08.30 - 10.00)**

15 minutes for each talk

**(Bhargava Auditorium)**

PIDs across the globe  
(Co-sponsored by M/s. Grifols and M/s. Intas)

**Chair: Shobha Sehgal, Tapas Sabui, Martine Pergent**

1. Status of PID care in the United States - CIS perspective: **Hans Ochs**
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. PIDs in India - are we different from the rest of the world : **Surjit Singh**

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

**(10.30 - 12.15)**

15+3 minutes for each talk

(Parallel Session)

**(Bhargava Auditorium)**

Symposium 1  
Infections in patients with PIDs

**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 PIDs: **Woei Kang Liew**
3. Unusual fungal infections - Almost always PID: **Mukesh Desai**
4. Oral abstracts (5 minutes each)

**Title:** Protean 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**

**(10.30 - 11.15)**

(Parallel Session)

**(Advanced  
Pediatrics  
Centre  
Auditorium)**

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**

**(11.15 - 12.15)**

(Parallel Session)

**(Advanced  
Pediatrics  
Centre  
Auditorium)**

Symposium 3

Hereditary Angioedema (Sponsored by M/s. Takeda)

**Chair: Sunil Dogra, Vinod Scaria, Fiona Wardman**

1. Overview of Takeda Immunology Pipeline: **Takeda Medical Affairs**
2. Hereditary Angioedema diagnosis in India - Where are we  
**Chandrashekhara 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 **(10 minutes)**

**Presenters: Ankur Jindal and Anit Kaur**

5. Discussion

**(12.45 - 14.00)**

**Lunch (12.15 - 13.15)**

**Guided Poster Walk**

**[Zakir Hall, adjacent to Bhargava Auditorium]**

**(13.15 - 14.45)**  
15+3 minutes  
for each talk

**(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: **Deepti 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 (**5 minutes each**)

**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**

**(14.45 - 16.15)**  
15+3 minutes  
for each talk

**(Bhargava  
Auditorium)**

#### 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 (**5 minutes**)

**Title:** Interstitial Lung Disease Frequently Precedes CVID Diagnosis

**Presenter:** **Leif Hanitsch**

**Tea/Coffee (16.15 - 16.45)**

**(16.45 - 17.45)**

**(Bhargava  
Auditorium)**

Clinicopathological 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)

**(07.30 - 08.30)**  
**(Zakir Hall,  
adjacent to  
Bhargava  
Auditorium)**

General Body Meeting of APSID Members

**(08.30 - 10.00)**  
15+3 minutes  
for each talk

**(Bhargava  
Auditorium)**

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 (**5 minutes each**)

**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**

**Tea/Coffee (10.00 -10.30)**

(10.30 - 12.30)

(Parallel Session)

(Advanced  
Pediatrics  
Centre  
Auditorium)

### Symposium 7

Meet the expert session (sponsored by M/s. Takeda)

#### Chair: Chandrasekhara S, Mushtaq Bhat

1. Welcome and Introduction
2. HAE Diagnosis and Management - An Overview: **Hilary Longhurst**
3. PID Diagnosis and Management - An Overview: **Leif Hanitsch**
4. Discussion

(10.30 - 12.30)

15+3 minutes  
for each talk

(Parallel Session)

(Bhargava  
Auditorium)

### 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 (**5 minutes each**)

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

**Presenter:** **Rashmi Rikhi**

**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**

(12.30 - 13.15)

(Bhargava  
Auditorium)

Prof. Yu Lung Lau Oration to be delivered by Isabelle Meyts

**Chair: Yu Lung Lau, Amit Rawat, Deepti Suri**

**Topic:** Human Adenosine Deaminase type 2 Deficiency: An Evolving Spectrum

**Lunch (13.15 - 14.15)**

(13.45 - 15.00)

**Guided Poster Walk**  
**[Zakir Hall, adjacent to Bhargava Auditorium]**

(14.15 - 14.45)

(Parallel Session)

(Advanced  
Pediatrics  
Centre  
Auditorium)

Symposium 9  
Panel discussion

How understanding of immune system has improved our management in immunology - Therapeutic implications of immunomodulators and biologics:

**Moderator:** Hirokazu Kanegane

**Expert Panelists:**

Isabelle Meyts  
Amita Aggarwal  
Debashish Danda  
Martin V. Hagen

(14.45 - 15.30)

15+3 minutes  
for each talk

(Parallel Session)

(Advanced  
Pediatrics  
Centre  
Auditorium)

Symposium10:  
Challenges of malignancy in PIDs

**Chair: Aman Gupta, Nutan Kamath**

1. How does one differentiate lymphoproliferation from lymphoma in patients with PIDs: **Shanmuganathan Chandrakasan**
2. EBV associated PIDs and predisposition to malignancy: **Tandakha Dieye**
3. Oral abstract (**5 minutes**)

**Title:** Learnings from our experience with EBV - the road travelled so far

**Presenter: Vijaya Gowri**

**(14.15 - 15.30)**

(Parallel Session)

**(Bhargava Auditorium)**

### 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 M/s. Takeda and M/s. 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

## Tea/Coffee (15.30 - 16.00)

**(16.00 - 17.00)**

15+3 minutes  
for each talk

**(Bhargava Auditorium)**

### Symposium 12

Therapeutics in PIDs

#### **Chair: Sagar Bhattad, Alka Khadwal**

1. Gene variants in PIDs - New tools in diagnosis and treatment: **Martin V. Hagen**
2. Stem cell transplant in PIDs- Indian Perspective: **Revathi Raj**
3. Oral abstracts (**5 minutes each**)

**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**



**(17.00 - 18.00)**  
15+3 minutes  
for each talk

**(Bhargava  
Auditorium)**

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 (**5 minutes each**)

**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 of International Nursing Group for  
Immunodeficiencies (INGID) Session at 3rd Scientific Congress of APSID**

**08 February, 2020**

**(09.00 - 14.00)**

**(Seminar Room,  
adjacent to  
Advanced  
Pediatrics  
Centre  
Auditorium)**

1. Immunoglobulin replacement therapy: **Geraldine Dunne**
2. Immunoglobulin replacement therapy for patients with PIDs - A developing country perspective: **Ruchi Saka**
3. Management during (and prior to) hematopoietic stem cell transplant for PIDs: **Geraldine Dunne**
4. Nursing management in patients with PIDs - a developing country perspective: **Jyoti Sahni**
5. Open Forum: **Geraldine Dunne, Ruchi Saka, Jyoti Sahni**

Scientific Programme of International Patient Organization for  
Primary Immunodeficiencies (IPOPI) Session at 3rd Scientific Congress of APSID

09 February, 2020

(09.00 - 15.00)  
30 minutes for  
each talk

(Seminar Room,  
adjacent to  
Advanced  
Pediatrics Centre  
Auditorium)

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 of patients with PIDs in India: **Rukhsana Haneef**

Tea/Coffee (10:00 - 10:30)

3. An overview of activities of Indian Patients Society for Primary Immunodeficiency (IPSPI) in improving the care of patients with PIDs 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 parents of patients with PIDs: **Rajni Sharma**
7. Hereditary Angioedema International (HAEi) organization - the journey so far: **Fiona Wardman**

Lunch (13:00 - 14:00)

(14.00 - 15.00)

8. Open forum for patients

Martine Pergent  
Sagar Bhattad  
Rukhsana Haneef  
Rubby Chawla  
Fiona Wardman  
Rajni Sharma  
Arouba Khan Pathan

**Interpreters:** Ankita Singh and Ruchi Saka