

Asian Pacific Society for Immunodeficiencies (APSID)  
Manado Autumn School 2019

Place: **Novotel Manado**, Manado, Indonesia

Time: **Sep 7<sup>th</sup> & 8<sup>th</sup>, 2019**

**7<sup>th</sup> September 2019**

Four Lectures + 12 oral presentations by APSID School participants

**Hans D. Ochs** (University of Washington School of Medicine, USA)

A history and future perspective of PID: PID to IEI

**Narissara Suratannon** (Chulalongkorn University, Thailand)

General tests for diagnosis of PID

**Liew Woei Kang** (KK Women's and Children's Hospital, Singapore)

Functional tests for diagnosis of PID

**Hirokazu Kanegane** (Tokyo Medical and Dental University, Japan)

Application of flow cytometry for PID

**8<sup>th</sup> September 2019**

Four Lectures + 12 oral presentations by APSID School participants

**Hidenori Ohnishi** (Gifu University, Japan)

Use of genetic tests in the diagnosis of PID

**Dina Muktiarti** (University of Indonesia, Indonesia)

Light and shadow of vaccination for PID

**Huawei Mao** (Children's Hospital of Chongqing Medical University, China)

Immunoglobulin replacement therapy for PID

**Pamela Lee** (The University of Hong Kong, Hong Kong)

Hematopoietic stem cell transplantation for PID