



## 2018 ESiD Summer School Report



The ESiD Summer School took place in Calambrone, Pisa, Italy, from May 24 to 27, 2018. The event was very successful with 31 participants from all over the world! This year the same enthusiastic and highly qualified faculty members using the previous years' summer school experiences and feedback, shared their knowledge in PID.

The field of PID is constantly evolving and it has become a challenge to include all relevant topics. The format was driven by case discussions presented by the students and insights on disease groups led by faculty. The format, experienced in the last edition, has been re-confirmed with great success! A broad range of topics were covered, as well as cutting-edge research in the field. Each participant presented a case during one of the sessions allowing for detailed discussions and interaction.

Networking activities included evening dinners and a picnic on the beach. These opportunities provided important time for students to build connections with other students and faculty with a hope for fostering future collaborations. Encouraging the students to build a network with young professionals in the field is the best investment for the future! And this is the main reason why **ESiD Summer School will continue to be held on an annual basis!**

ESiD Administrative Office

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APPLICANTS

54



PARTICIPANTS

31



20 different countries



5 scholarships



10

FACULTY

3

SPONSORS

MORE THAN



presentations

4 days

31 cases

Master Classes

**“Master Classes” were reconfirmed also at this edition!** This year was even more informal, and we had small group discussions focused on a special topic of interest over drinks and finger food surrounded by nice cars! The topics has been pre-determined by a survey send to the students and leaded by Dr. Peter Olbrich.

The following Master Classes where held during the Summer School:

1. Clinical application of next generation sequencing. Know your basics and mind the pitfalls – *Dr. Isabelle Meyts*
2. Functional assays in PID. From Science to routine implementation – *Dr. Mirjam van der Burg*
3. Pathogens revealing PID – *Prof. Andrew Cant*
4. Follow up and care for patients with PID after SCT – *Dr. Manfred Hoenig*
5. Respiratory manifestations and complications in patients with PID. Diagnostics and management  
*Prof. Bodo Grimbacher*
6. GI disease in PID: differential diagnosis and management – *Prof. Kathleen Sullivan*
7. Lymphoproliferation: differential diagnosis, therapy and follow-up – *Dr. Eleonora Gambineri*
8. Transition of PIDs patients to adult care – *Prof. Esther de Vries*
9. Practical approach to a mutation of unknown significance – *Dr. Despina Moshous*



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## Comments from participants and faculty

- “Summer Schools are a real blast! The enthusiasm and desire to learn from young people is always inspiring for everyday work and a natural boost to progress!” **(Eleonora Gambineri, Italy)**
- “Great to be with so many bright enthusiastic young clinicians and scientists, all eager to learn about immune disorders. The level of knowledge and understanding seemed higher than ever, and the interactions were so stimulating. The future for our specialty looks very promising”  
**(Prof. Andrew Cant, UK - Faculty)**
- “As a researcher in the field, I have not always been aware of the clinical presentation and laboratory tests used to diagnose and treat the patients I am studying until the write up stage of the research. Attending summer school has given me a better insight in to how diagnosis and treatment is directed and how this can direct my research for the future to gain more valuable insight in to these diseases. It has also enabled me to make valuable connections that will help improve my research for the future”.  
**(Emily Edwards, Australia)**
- “Both wonderful and unforgettable, the ESID Summer School was the perfect opportunity to learn from the biggest experts in our field, and also to get to know colleagues from all over the world and their experiences with PID. To be able to discuss our cases and doubts in such a friendly atmosphere will no doubt improve our daily medical practice. Also, while learning, I met this amazing group of people, and I think I made some good friends! And the unexpected highlight: "Quality of life in PID"! In summary: the ESID Summer School is an event not to miss!" **(Alejandro Palma, Argentina)**
- “I would like to say that it was one of the best experiences of my career. This school provides a multitude of fantastic opportunities, including face to face interactions and intimate lectures with the leaders in the PID field, networking with juniors across the globe, as well as having a chance to learn from and present cases in an interactive forum. It further provided an in-depth look at the global advances in PID, both from a clinical and a laboratory perspective. However as apart from the medical aspects of the course, I can say that the summer school has me richer for the relationships and good friendships that I have made with people worldwide. This immersive experience has been unparalleled, filled with discussions, laughs, and the building of relationships both with faculty and trainees that will last a lifetime! **(Shruti Swamy, Australia)**
- “ESID summer school was the most enjoyable and stimulating educational experience in my whole medical career so far. Its interactive nature and a great panel of experts from all over the world makes it an unforgettable course. It helped me make new friends in the field. I would strongly recommend it to anyone interested in primary immunodeficiencies” **(Fani Ladomenou, Greece)**



“I came to the ESID summer school with mostly research experience and very little clinical exposure; I was therefore initially worried I would be in over my head. Despite my hesitations, I profited immensely and learned more than I could have ever expected! The ESID board members present fostered a highly interactive, supportive and educative environment in which one felt safe to think aloud and participate actively. The setting and structure of the summer school furthermore guaranteed a very interactive three days. In the end, I not only left with a deeper love to pediatric immunology but also with many new contacts and importantly friends.” **(Andrea Mauracher, Switzerland)**



- “ESiD summer School is an excellent platform for young and even the expert doctors and researchers in the field of immunology to share their knowledge and experience, and more importantly to know each other and have ever lasting relations. The best part is to have only a small group and an excellent location. Sharing food at beach is a perfect idea that breaks all cultural and geographical boundaries and bring everyone together. It was one of the best meetings that I have ever attended.” **(Ankur Jindal, India)**

## Programme and Faculty

### FACULTY

- **Dr. Eleonora Gambineri**  
ESiD Education Working Party Chair  
University of Florence, Department of NEUROFARBA, “Anna Meyer” Children’s Hospital, Italy
- **Prof. Dr. Kate Sullivan**  
Children’s Hospital of Philadelphia, USA
- **Prof. Dr. Esther de Vries**  
Jeroen Bosch Hospital, The Netherlands
- **Dr. Peter Olbrich**  
ESiD Juniors Working Party Chair  
Hospital Infantil. Virgen del Rocio Seville, Spain
- **Prof. Dr. Bodo Grimbacher**  
Center for Chronic Immunodeficiency, University Hospital Freiburg, Germany
- **Prof. Dr. Isabelle Meyts**  
ESiD President Elect  
University Hospital Gasthuisberg, Department of Pediatrics UZ Leuven, Belgium
- **Dr. Manfred Hoenig**  
University Medical Center Ulm, Department of Pediatrics, Germany
- **Prof. Andrew Cant**  
ESiD President  
Great North Children's Hospital, Newcastle upon Tyne, UK
- **Dr. Mirjam van der Burg**  
ESiD Secretary  
Dept. of Pediatrics – Laboratory for Immunology, Leiden University Medical Center  
The Netherlands
- **Dr. Despina Moshous**  
Unité d'Immunologie Hématologie et Rhumatologie Pédiatriques, Hôpital Necker-Enfants Malades,  
France

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## PROGRAMME

### **Thursday, 24<sup>th</sup> of May**

- All day Arrival of participants
- 10.00-14.00: Faculty meeting with lunch
- 14.00-15.00: Registration, Meet & Greet
- 15.00-15.15: **Welcome** by Eleonora Gambineri (Chair of ESID Education Working Party)
- 15.15-15.45: **ESID Junior Presentation** by Peter Olbrich (Chair of ESID Junior Working Party)
- 15.45-18.15: **General overview on PID/diagnostic tools**  
*Faculty: Kate Sullivan, Esther de Vries, Mirjam van der Burg*  
*Students: John Barber & Dalia Abd Elaziz*
- 18.30-19.30: **“Unreveal Mistery Cases”**  
*Faculty: Andrew Cant & Mirjam van der Burg*  
*Students: Alejandro Palma, Leslie Naesens*
- 20.30: Dinner**

### **Friday, 25<sup>th</sup> of May**

#### **Theme “Complex Phenotypes: Immunology and beyond”**

#### **Session Chairs: Esther de Vries, Despina Moshous**

- 08:30-10:30: Case discussions  
*Students: Antonio Marzollo, Mikhail Bolkov, Bella Shadur & Luz Yadira Bravo Galledo*
- 10:30-11:00: Coffee break**
- 11.00-13:00: Case discussions  
*Students: Sonia Qureshi, Cristin Cifaldi, Carlos Grasa & Shruti Swamy*
- 13:00-14:00: Lunch**
- Theme “The crossroad of PIDs: Overview on Combined ID/SCID/Innate”**
- Session Chairs: Isabelle Meyts, Manfred Hoenig & Andrew Cant**
- 14.00-16.00 Case discussions  
*Students: Maria Elena Maccari, Mehtap Sirin, Catherine O’Sullivan, Ankur Kumar*
- 16.00-16.30: Coffee break**
- 16:30-18:30: Case discussions  
*Students: Tomas Milota, Gianfranco Vitiello, Clara Franco-Jarava*
- 19.00-19.45: ESID Summer School Masterclasses
- 19.45-20.30: “Meet the expert” Mentoring & Meet the faculty event
- 20.30: Dinner**

### **Saturday, 26<sup>th</sup> of May**

#### **Theme “Autoimmunity/Dysregulation (HIGE syndromes/Complex autoimmunity...)”**

#### **Session Chairs: Eleonora Gambineri & Bodo Grimbacher**

- 8.00-10.00: Case discussions  
*Students: Johanna Lempainen, Emily Edwards, Fani Ladomenou & Riccardo Capecchi*
- 10.00-10.30: Coffee break**
- 10.30-11.30: Case discussions  
*Students: Andrea Mauracher, Jacques G. Rivière & Chantal Hargreaves*
- PID and chronic infections: EBV related disorders**
- Session Chair: Kathleen Sullivan**



11.30-13.00: Case discussions

*Students: Tariq Al Farsi, Roberta Caorsi & Sarah Murray*

**13.00-14.00 Lunch**

**Session Chair: K. Sullivan**

14.00-15.00: Case discussions

*Students: Martin Castelle & Rakesh Kumar*

**Theme "Quality of life in PID"**

15:00-16:00 *Esther de Vries & Andrea Gressani (IPOPI)*

**16.00-19.00: Networking event organised by ESiD Juniors Working Party (@ the venue)**

**20:00: Networking dinner (Astragalo, Castiglioncello, Transport will be organised by ESiD from and to the venue)**

**Sunday, 27<sup>th</sup> of May**

8.30-09:30: BMT & Gene Therapy

*Faculty: Manfred Hoenig & Despina Moshous*

09:30-10:30: Immunosuppressive/modulatory treatments

*Faculty: Bodo Grimbacher*

10.30-11.00: School programme evaluation, wrap-up and farewell

(Take-away lunch)

Thanks to our sponsors!



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