23rd ISPAD RESEARCH SCHOOL FOR PHYSICIANS – 2023

There is no good clinic without good research.

Villa San Remigio, Verbania, Italy - April 16th – April 21st, 2023

BASIC ROUTE

METHODODOLOGICAL ROUTE

TECHNOLOGICAL ROUTE

Sunday, April 16, 2023

14:00-18:00 Arrives of Delegates & Faculty
18:00-19:30 Faculty Meeting
19:30-20:30 Opening Lecture (at Hotel Ghiffa)
   JDRF vision for the next five years
   Sanjoy Dutta (New York, US)
20:30-22:30 Dinner

Monday, April 17, 2023

8:30-9:00 Welcome & Introduction
   Carine de Beaufort (Luxemburg, Luxemburg), Andrea Scaramuzza (Milano, Italy), Stefano Zucchini (Bologna, Italy)
9:00-10:00 Lecture
   SWEET Consortium: What have we learnt and what we can expect in the next future
   Thomas Danne (Hannover, Germany)
10:00-11:00 Statistical overview
   Daniela Ferrante (Novara, Italy)
11:00-11:15 Break
11:15-12:15 How to design a study: 5 tips to absolutely do and 5 not to do (first part)
   (study design, study population, power calculation, statistical analysis, etc.)
   Daniela Ferrante (Novara, Italy)
12:15-13:00  **Prediction and staging of type 1 diabetes**  
Dorothy Becker (Pittsburgh, US)

13:00-14:00  Light lunch

14:00-15:00  **How to design a study: 5 tips to absolutely do and 5 not to do (second part)**  
(study design, study population, power calculation, statistical analysis, etc.)  
Daniela Ferrante (Novara, Italy)

15:00 -15:45  **INNODIA, an international network to accelerate the development of new cures for people with type 1 diabetes**  
Manuela Battaglia (Leuven, Belgium)

15:45-16:30  **Insulin management according to age: is there space for new research?**  
Carine de Beaufort (Luxemburg, Luxemburg)

16:30-16:45  Break

16:45-17:15  **Can we arrest the progression of type 1 diabetes?**  
Lars Krogvold (Oslo, Norway)

17:15-19:15  **Small group works on the study projects and case reports presentation**  
(5 groups with 5 delegates each, 1 tutor and faculty members)  
2-3 study projects/group for a total of 15 projects, and 2 cases/group for a total of 10 case reports

19:15-19:30  Back to Hotel Ghiffa

19:45-20:30  **Dinner Lecture (at Hotel Ghiffa)**  
**T1D Index**  
Carine de Beaufort (Luxemburg, Luxemburg)

20:30-22:00  Dinner

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**Tuesday, April 18, 2023**

7:45-9:30  Departure for Novara, SIMNOVA Laboratory

9:30-10:00  **Simulation Day: introduction to the activity of the day**  
Ivana Rabbone (Novara, Italy) and Francesco Della Corte (Novara, Italy)

10:00-12:30  **Team building activity (SIMNOVA)**  
(5 groups with 5 delegates each, 1 mentor and faculty members)  
(3 DKA simulations, 30-40 min each, 2 severe hypoglicemia simulations, 15-20 min each)  
(Tutor: Alice Monzani, Novara, Italy), each followed by debriefing (Alice Monzani, Ivana Rabbone, Valentino Cherubini). While not involved in simulation activity all other groups can work on study projects and case reports with tutors and faculty members.

12:30-13:00  **DKA: what's new in the literature and 2022 ISPAD guidelines**  
Valentino Cherubini (Ancona, Italy)

13:00-14:00  Light lunch
14:00-14:30  **Hypoglycemia in children with type 1 diabetes**  
Ivana Rabbone (Novara, Italy)

14:30-16:15  **Presentation of study projects (10 min each)**

16:15-16:30  Break

16:30-17:00  **How to read a paper properly and understand if the information you get are useful or not**  
Lars Krogvold (Oslo, Norway)

17:00-17:30  **New metrics in practice**  
Riccardo Bonfanti (Milano, Italy)

17:30-18:15  **The last mile**  
Lorenzo Piemonti (Milan, Italy)

18:30-20:00  Free time visiting Novara (San Gaudenzio church and climb to the dome)

20:30-22:00  Dinner

22:00-  Back to the Hotel Ghiffa

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**Wednesday, April 19, 2023**

8:30-9:30  **Jenious: what a young leader group can do for you**  
Agata Chabot (Katowice, Poland) and Claudia Piona (Verona, Italy)

9:30-10:15  **The technological route to the future**  
Martin Tauschmann (Vienna, Austria)

10:15-11:30  **Study projects** (5 groups with 5 attendees each and faculty members)  
2-3 study projects/group for a total of 10 projects

11:30-11:45  Break

11:45-12:15  **How to write a grant or research proposal**  
Dorothy Becker (Pittsburgh, US)

12:15-13:00  **Presentation of study projects (10 min each)**

13:00-14:00  Light lunch

14:00-14:45  **Diabetes and cystic fibrosis guidelines**  
Enza Mozzillo (Naples, Italy)

14:45-15:15  **Sick days management in children with type 1 diabetes**  
Marco Marigliano (Verona, Italy)
15:15-16:00 **Therapy of obese adolescents**
Claudio Maffeis (Verona, Italy)

16:15-16:30 Break

16:30-19:30 **Presentation of study projects (10 min each)**

19:30-19:45 Back to Hotel Ghiffa

20:00-22:00 Dinner

**Thursday, April 20, 2023**

8:30-9:15 **Psychological aspects of type 1 diabetes in children and adolescents**
Katarzyna A. Gajewska (Dublin, Ireland)

9:15-10:00 **Nutritional aspects of type 1 diabetes (how research helps us to do the right thing)**
Francesca Annan (London, UK)

10:00-10:45 **Telemedicine and type 1 diabetes: Where we are and where are we going**
Tiago dos Santos (Madrid, Spain)

10:45-11:00 Break

11:00-11:45 **(Advanced) hybrid closed loop or artificial pancreas: Where we are?**
Andrea Scaramuzza (Cremona, Italy)

11:45-12:30 **Adolescent prevention of diabetic complications**
Loredana Marcovecchio (Cambridge, UK)

12:30-13:15 **Public health universal access to healthcare**
David Beran (Geneva, Switzerland)

13:15-14:00 Light lunch

14:00- Villa Taranto and its Garden, followed by Lake Maggiore walking and free time, with dinner, than back to the Hotel Ghiffa

**Friday, April 21, 2023**

8:30-10:00 **Non autoimmune diabetes (neonatal, MODY, type 2)**
Dario Iafusco (Napoli, Italy), Fabrizio Barbetti (Rome, Italy), and Maurizio Delvecchio (Bari, Italy)
10:00-11:00  How to get published in competitive journals: Do’s and Don’ts
Richard Donnelly (Nottingham, UK)

11:00-11:15  Break

11:15-12:00  Exercise in children with type 1 diabetes: new ideas for research
Michael Riddell (Toronto, Canada)

12:00-13:00  Case reports (10 best) (6 min each)

13:00-14:00  Light lunch

14:00-15:30  Closing remarks, awardees, and questionnaires
Andrea Scaramuzza (Cremona, Italy)

15:30-16:30  Farewell afternoon snack & Departures of Delegates & Faculty