



1st EASD Early Career Academy Meeting

Shaping the Future of Diabetes Research and Care

28 - 30 April 2025 in Pisa, Italy

ENDORSED BY



Sant'Anna
Scuola Universitaria Superiore Pisa



UNIVERSITÀ
DI PISA

13:30-14:00 **Registration**

14:00-14:30 **Welcome and opening remarks**

Chantal Mathieu (Leuven, BE), Patrick Schrauwen (Düsseldorf, DE), Nicola Vitiello (Pisa, IT), Michele Emdin (Pisa, IT), Riccardo Zucchi (Pisa, IT), Domenico Tricò (Pisa, IT)

14:30-15:00 **Key-note lecture**

Opening talk: Remission: the next therapeutic goal for type 2 diabetes? *Stefano Del Prato (Pisa, IT)*

Moderators: Pedro Acosta Manzano (Graz, AT), Romyana Boykova Dimova (Sofia, BG)

15:00 Discussion

15:15-16:15 **Best Abstract Awards: spotlight on top research**

Moderators: Pierre Larraufie (Paris, FR), Ilke Sen (Créteil, FR)

15:15 Examination of longitudinal pancreatic exocrine function/mass of trypsin(ogen) after type 1 diabetes diagnosis compared to age- and sex-matched first-degree relatives *Claire Williams (Bristol, UK)*

15:30 A genome-wide CRISPR-Cas9 knockout screen in MIN6 cells identifies novel genes implicated in insulin expression and beta cell function *Amaya Lopez-Pascual (Malmö, SE)*

15:45 Acute effects of cold-induced shivering, at two intensities, on 24-hour glucose profiles of volunteers with prediabetics and patients with type 2 diabetes *Dzhansel Hashim (Maastricht, NL)*

16:00 Dual ChREBP agonists/antagonists as modulators of insulin resistance *Maren Heimhalt (Munich, DE)*

16:15-17:00 *Coffee break & Networking game*

17:00-18:00 Unlocking the potential of new drugs: opportunities and gaps

Moderators: Sini M Heinonen (Helsinki, FI), Yanislava Karusheva (Düsseldorf, DE)

17:00 Gut feelings on incretin (co)agonists *Aaron Novikoff (Neuherberg, DE)*

17:15 Glycosuria: an old foe and a new friend *Edoardo Mannucci (Florence, IT)*

17:30 Lifting the burden: alleviating the weight of obesity *Ferruccio Santini (Pisa, IT)*

17:45 Discussion

18:00-19:00 Snapshot session: quick talks, powerful ideas

Moderators: Alfredo Caturano (Rome, IT), Agata Grzelka-Wozniak (Poznan, PL)

18:00 *Krishna Adeshara (Helsinki, FI), Alice Carr (Edmonton, CA), Nefeli Dimitropoulou (Maastricht, NL), Sara Dule (Rome, IT), Giovanni Fanni (Uppsala, SE), Ayat Khaled Fayez Albadri (Copenhagen, DK), Alba Sanz González (Valladolid, ES), Wasima Oualla Bachiri (Malaga, ES), Pip van Lier (Maastricht, NL), Patricia Velado (Munich, DE)*

19:00 Wrap up of the first day

20:00 *Dinner*



09:00-09:30 **Key-note lecture**

Daybreak keynote: A journey from clinical physiology to novel therapeutics *Ele Ferrannini (Pisa, IT)*

Moderators: Beatriz Merino Antolin (Valladolid, ES), Domenico Tricò (Pisa, IT)

09:30 Discussion

09:45 -10:30 **From data to discovery: AI and omics in diabetes**

Moderators: Simon Dreher (Tübingen, DE), Jan Gojda (Prague, CZ)

09:45 Evolution and revolution of AIs in medical research *Corrado Priami (Pisa, IT)*

10:00 Unraveling diabetes pathophysiology through multi-omics *Francesco Dotta (Siena, IT)*

10:15 Discussion

10:30-11:00 *Coffee break*

11:00-12:00 **Interactive workshop: Harnessing technology to decode diabetes**

12:00-12:45 **Group presentations & Discussion**

Moderators: Ilke Sen (Créteil, FR), Alexandra M Smink (Groningen, NL)

12:00 Group presentations

12:30 Discussion with the experts

12:45-13:45 *Lunch*

13:45-14:45 **Cultivating excellence: dialogues between mentors and mentees**

Moderators: Yanislava Karusheva (Düsseldorf, DE), Domenico Tricò (Pisa, IT)

13:45 Too little glucose, too much glucose: clamp it like a pro! *Jan Gojda (Prague, CZ), Alfredo Caturano (Rome, IT)*

14:05 Unveiling glucose metabolism with PET imaging *Patricia Iozzo (Pisa, IT), Eleni Rebelos (Pisa, IT)*

14:25 Unearthing hidden treasures in pancreatic islets *Piero Marchetti (Pisa, IT), Chiara Saponaro (Pisa, IT)*

14:45-15:30 With a little help from my friend EFSD: boosting career development

Moderators: Rumyana Boykova Dimova (Sofia, BG), Mijke Buitinga (Maastricht, NL)

14:45 Tackling salt-sensitivity and cardiometabolic risk *Martina Chiriaco (Pisa, IT)*

15:00 Cardiometabolic epigenetics: targeting the early damage *Alessandro Mengozzi (Pisa, IT)*

15:15 A 4D journey through the natural history of type 2 diabetes *Teresa Mezza (Rome, IT)*

15:30 -16:00 *Coffee break*

16:00-16:45 The power of translational research: turning science into solutions

Moderators: Eva M Bru Tari (Geneva, CH), Simon Dreher (Tübingen, DE)

16:00 Interplay between metabolism, nutrition and epigenetics in shaping neural function *Paola Tognini (Pisa, IT)*

16:15 Visual brain plasticity and metabolism: beyond food sight *Giuseppe Daniele (Pisa, IT)*

16:30 Discussion

16:45-17:45 Interactive workshop: Breaking barriers with translational approaches

17:45-18:30 Group presentations & Discussion

Moderators: Pedro Acosta Manzano (Graz, AT), Sini M Heinonen (Helsinki, FI)

17:45 Group presentations

18:15 Discussion with the experts

18:30 Wrap up of the second day

20:00 *Dinner*



- 9:00-09:30** **Key-note lecture**
Daybreak keynote: From fat to fuel, the liver's metabolic magic *Amalia Gastaldelli (Pisa, IT)*
Moderators: Mijke Buitinga (Maastricht, NL), Agata Grzelka-Wozniak (Poznan, PL)
- 09:30** Discussion
- 09:45-10:30** **A triad of trouble: the cardio-reno-metabolic syndrome**
Moderators: Beatriz Merino Antolin (Valladolid, ES), Eva M Bru Tari (Geneva, CH)
- 09:45 The heart of the matter *Michele Emdin (Pisa, IT)*
- 10:00 Kidneys do not kid *Anna Solini (Pisa, IT)*
- 10:15 Discussion
- 10:30-11:00** *Coffee break*
- 11:00-12:00** **How to propel your professional growth**
Moderators: Pierre Larraufie (Paris, FR), Alexandra M Smink (Groningen, NL)
- 11:00 The grant writing playbook: tips for success *Martin Heni (Ulm, DE)*
- 11:15 Organizing a research team: strategies, execution and outcomes *Andrea Natali (Pisa, IT)*
- 11:30 Improving GLP1-RA therapy targeting non-coding RNAs *Riccardo Panella (Copenhagen, DK)*
- 11:45 Discussion
- 12:00** **Wrap up and closure**
- 14:00** **Guided city tour (optional)**

GENERAL INFORMATION

SCIENTIFIC COMMITTEE

Chairs: Patrick Schrauwen (Düsseldorf, DE) and Domenico Tricò (Pisa, IT)

Organizing Committee: Francisco Acosta Manzano (Turku, FI), Pedro Acosta Manzano (Graz, AT), Eva M Bru Tari (Geneva, CH), Mijke Buitinga (Maastricht, NL), Alfredo Caturano (Rome, IT), Romyana Boykova Dimova (Sofia, BG), Simon Dreher (Tübingen, DE), Agata Grzelka-Wozniak (Poznan, PL), Sini M Heinonen (Helsinki, FI), Yanislava Karusheva (Düsseldorf, DE), Ilke Sen (Créteil, FR)

Past ECA Committee members: Caterina Conte (Rome, IT), Lucile Dollet (Copenhagen, DK), Jan Gojda (Prague, CZ), Pierre Larraufie (Paris, FR), Beatriz Merino Antolin (Valladolid, ES), Alexandra M Smink (Groningen, NL)

Host Faculty: Michele Emdin (Pisa, IT) and Paola Tognini (Pisa, IT)

SCIENTIFIC ASSOCIATION



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EASD - European Association for the Study of Diabetes e.V.

ORGANIZING SECRETARIAT



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COURSE VENUE

Sant'Anna School of Advanced Studies

Piazza Martiri della Libertà, 33 - 56127 Pisa (Italy)

ATTENDEES AND FACULTY HOTEL

Hotel NH Pisa ****

Piazza della Stazione, 2 - 56125 Pisa (Italy)



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