

Postgraduate Course

Pancreatic Diseases: The Power of Technology - From Bench to Bedside

Santiago de Compostela, Spain

Wednesday 26th June 2024

Scientific Programme

Room Mozart

Directors: *Francisco Real (Madrid, Spain), Nuria Malats (Madrid, Spain)*

8:30-11:00h The Power of Technology (I)

Chairs: *Laura Muinelo (Santiago de Compostela, Spain), Daniel Closa (Barcelona, Spain)*

8:30-9:00h scGenomics from Data to Discovery: Using Single Cell Sequencing to Characterize T cell Subpopulations
Charles Imbush (Heidelberg, Germany)

9:00-9:30h Spatial profiling
Ilse Rooman (Brussels, Belgium)

9:30-10:00h Complex co-culture systems
Daniel Öhlund (Umea, Sweden)

10:00-10:30h Cell-free nucleic acids
Angel Díaz-Lagares (Santiago de Compostela, Spain)

10:30-11:00h Text mining, ChatGPT, large language models
Alejandro Pazos-Sierra (A Coruña, Spain)

11:00-11:30h Coffee break

11:30-13:30h The Power of Technology (II)

Chair: *Corinne Bousquet (Toulouse, France), Pilar Acedo-Nuñez (London, UK), Jorge Barbazán (Santiago de Compostela, Spain)*

11:30-12:00h Biomedical image analysis

12:00-12:30 Computational tools for tumour selection
Fátima Al-Shahrour (Madrid, Spain)

12:30-13:00h (Super)Computing and AI at the service of Drug Design
Víctor Guallar-Tasies (Barcelona, Spain)

13:00-13:30h Genetic screenings, degraders
Jake Ward (Barcelona, Spain)

13:30-14:15h Lunch

14:15-15:45h From bench to bedside (I)

Chairs: *Daniel Closa (Barcelona, Spain), Federico Canzian (Heidelberg, Germany)*

14:15-15:15h KRAS and Pancreatic Cancer
Sara Mainardi (Amsterdam, The Netherlands)
Roland Rad (Munich, Germany)

15:15-15:45h Autophagy in pancreatic diseases
María I. Vaccaro (Buenos Aires, Argentina)

15:45-16:15h Coffee break

16:15-17:45h From bench to bedside (II)

Chair: *Jonas Rosendahl (Halle, Germany), Isabelle Scheers (Brussels, Belgium)*

16:15-17:15h Ductal cells and CFTR
József Maléth (Szeged, Hungary)
Heiko Witt (Munich, Germany)

17:15-17:45h Exocrine to endocrine cell transitions
Anders Molven (Bergen, Norway)