

Genetic Meeting Program (preliminary)

Venue: Auditorium of the Center for Genomics and Oncological Research (GENYO), Granada, Spain on March 10th - 11th, 2016



Thursday March 10th

Registration 8.30

Session 1: 9hs-13.00hs

From mouse models to new therapies

- Introduction and welcome to the meeting: **Marta E. Alarcón-Riquelme**, GENYO, Granada, Spain (9.00-9.05)
- From models of arthritis to new treatments: **Rikard Holmdahl**, Karolinska Institutet, Sweden (9.05-9.50hs)
- Our knowledge today on models of lupus. **Marie-Laure Santiago-Raber**, Tolerys, S.A., Geneva, Switzerland (9.50-10.35)

COFFEE PAUSE (10.35-11.00hs)

- New therapies and biomarkers for autoimmune disease: **Judith James**, Oklahoma Medical Research Foundation (11.00-11.30)
- **Philippe Senseau**: Drug repurposing: use of Big Data and the identification of new therapies, GSK (11.30-12.00)
- Keynote Speaker: The role of genes and other factors in response to therapy in rheumatoid arthritis: **Peter Gregersen**, Feinstein Institute, Manhasset, NY, USA (12.00-12.45)

LUNCH: 13.00-14.00hs

Selected abstracts (4) to be presented by students and postdocs (14.15-15.30)

COFFEE PAUSE and poster viewing (15.30-16.30hs)

Session 2: 16.30hs-17.30hs

Genomes and Epigenomes

- Shared genes in autoimmunity: **David Carmona**, CSIC, Granada, Spain (16.30-17.00)
- Epigenomics: **Esteban Ballestar**, IDIBELL, Barcelona, Spain (35 mins + 5) (17.00-17.30hs)

Buses to Hotels (17.45)

Friday March 11th

Session 3: 9.00-13.00hs

The Genome in Disease: Cells and tissues

- B cells in systemic autoimmunity: **Thomas Dorner**, Charité, Berlin, Germany (9.00-9.40).
- Whole-genome Methylation Fingerprints in B cell differentiation: **Iñaki Martín-Subero**, Institut d'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS) and University of Barcelona, Spain (9.40-10.20)

COFFEE PAUSE (10.20-10.50)

- Epigenomic variability in autoimmune diseases: **Amr Sawalha**, University of Michigan, Ann Arbor, USA (10.50-11.20)
- Keynote Speaker: Modular Transcriptional Repertoires of Autoimmune Diseases: **Virginia Pascual**, Baylor, Dallas, USA (11.20-12.00)
- Selected abstracts (4) to be presented by students and postdocs (12.00-13.00)

LUNCH: (13.00-14.00)

Session 4: 14.00-18.15

The Genome in Disease: Cells and tissues

- The Human Transcriptome across tissues and individuals: **Roderic Guigó**, Center for Genomic Regulation, Barcelona, Catalonia, Spain (14.00-14.40)
- The Era of Single Cell Genomics: **Ido Amit**, Weizmann Institute, Israel (14.40- 15.20)

COFFEE PAUSE (15.30-16.00)

- The New Innate Lymphoid Cells (ILCs): Interactions with Microenvironment and their role in Disease: **James Disanto**, Pasteur Institute, Paris, France (16.00-16.40)
- Non-Heritable Factors determining Immune System Variation: **Petter Brodin**, SciLife Labs, Karolinska Institutet, Sweden (16.40-17.20)

END OF THE MEETING