

International workshop on

Ankylosing Spondylitis: tales of molecules and patients

Auditorium - Università della Svizzera italiana, Lugano, Switzerland

September 30 – October 1, 2017

Saturday – September 30

09:00	Arrival of the participants
09:00 – 09:15	Welcome addresses – Prof. Mario Bianchetti , <i>Dean Faculty of Medical Sciences, USI</i> Representative of the Fondazione Ceschina
09:15 – 10:00	Opening Lecture – Chair: Mariagrazia Uguccioni Costantino Pitzalis – <i>William Harvey research Institute, Queen Mary University, London, United Kingdom</i> Developing a New Taxonomy of Arthritis: Towards a Molecular Definition and Precision Medicine
10:00 – 11:00	Rheumatology – Chairs: Adrian Ciurea and Burkhard Mueller
10:00 – 10:30	Dennis Mc Gonagle – <i>Leeds Institute of Rheumatic and Musculoskeletal Medicine, Faculty of Medicine and Health, Leeds, United Kingdom</i> Interleukin-22 drives the proliferation, migration and osteogenic differentiation of mesenchymal stem cells
10:30 – 11:00	Francesco Ciccia – <i>Department of Rheumatology, University of Palermo, Italy</i> The role of gut inflammation in the pathogenesis of Ankylosing Spondylitis
11:00 – 11:30	Coffee break
11:30 – 12:30	The microbiome – Chairs: Valentina Cecchinato and Angelo Manfredi
11:30 – 12:00	Maria Rescigno – <i>European Institute of Oncology, Milan, Italy</i> Role of the gut-vascular barrier in the gut-liver axis and bacterial translocation
12:00 – 12:30	Emma Wetter Slack – <i>Institute of Microbiology, ETH Zurich, Switzerland</i> IgA protects the intestine by enchainning growing bacteria
12:30 – 13:30	Lunch
14:00 – 15:00	Epigenetics – Chairs: Silvia Monticelli and Marco Bianchi
14:00 – 14:30	Gioacchino Natoli – <i>Humanitas University, Rozzano (Milan), Italy</i> The genomic landscapes of inflammation
14:30 – 15:00	Stephan Beck – <i>University College London, Cancer institute, London, United Kingdom</i> Insights from methylome analysis
15:00 – 15:30	Coffee break
15:30 – 17:00	Structure function – Chairs: Andreas Ziegler and Luca Varani
15:30 – 16:00	Peter Schmieder – <i>Leibniz Institute for Molecular Pharmacology, Berlin, Germany</i> Comparative analysis of four HLA-B*27 complexes by NMR spectroscopy
16:00 – 16:30	Sebastian Springer – <i>Jacobs University Bremen, Germany</i> Crosslinks and Chemical Chaperones: Strengthening the Structure of a disordered class I molecule
16:30 – 17:00	Andrea Cavalli – <i>Institute for Research in Biomedicine, Università della Svizzera italiana, Bellinzona, Switzerland</i> Analysis of CXCL12/HMGB1 structure reveals novel targets of future therapy
19:30	Dinner

Sunday – October 1

09:30 – 10:30	CD8 responses to viral infections – Chairs: Rosa Sorrentino and Maria Teresa Fiorillo Oreste Acuto – <i>Sir William Dunn school of Pathology, University of Oxford, United Kingdom</i> Thymocyte-expressed molecule involved in selection in autoimmunity Fabio Grassi – <i>Institute for Research in Biomedicine, Università della Svizzera italiana, Bellinzona, Switzerland</i> Purinergic regulation of autoimmunity via P2X7 receptor
10:30 – 11:30	General discussion and concluding remarks: Angelo Manfredi and Mariagrazia Uguccioni
11:30 – 12:00	End of the meeting, toast and departure

The workshop is accredited by the European Accreditation Council for Continuing Medical Education (EACCME).

www.ankylosing-spondylitis.usi.ch