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IRB  
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October 12–13  
2023



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2<sup>nd</sup> International Workshop on

# Ankylosing Spondylitis: Tales of Molecules and Patients

October 12–13 2023

BIOS+ Seminar room  
Institute for Research in Biomedicine  
Bellinzona, Switzerland

Supported  
by

*Fondazione Ceschina*

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<https://ankylosing-spondylitis.usi.ch/>

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## Thursday, October 12

8.30	Arrival of the participants
9.00	<b>Welcome addresses</b> Davide Robbiani, Director IRB Franco Porzio, Fondazione Ceschina
9.15	<b>Opening Lecture</b> Chair: Costantino Pitzalis <b>Dennis Mc Gonagle</b> – Leeds Institute of Rheumatic and Musculoskeletal Medicine, Faculty of Medicine and Health, Leeds, United Kingdom “Enthesitis in SpA: mechanisms and treatment”
	<b>Rheumatology</b> Chair: Angelo Manfredi
10.00	<b>Stephen Sansom</b> – Kennedy Institute of Rheumatology, University of Oxford, United Kingdom “Cross-tissue single-cell analysis of spondyloarthritis”
10.30	<b>Costantino Pitzalis</b> – William Harvey Research Institute, Queen Mary University, London, United Kingdom “Dissecting convergent and divergent molecular pathways in RA and SpA: towards precision medicine”
11.00	<i>Coffee break</i>
	<b>Bone and matrix remodelling</b> Chairs: Valentina Cecchinato and Angelo Manfredi
11.30	<b>Rik Lories</b> – Department of Development and Regeneration, KU Leuven, Belgium “Bone disease in axial Spondyloarthritis”
12.00	<b>Veronica Martini</b> – IRB, Università della Svizzera italiana, Bellinzona, Switzerland “The role of chemokine receptors in Ankylosing Spondylitis”
12.30	<i>Lunch</i>
	<b>SpA as the model MHC-I-opathy</b> Chairs: Maria Teresa Fiorillo and Rosa Sorrentino
14.00	<b>Maxime Breban</b> – Inserm, Université de Versailles-Paris-Saclay, Montigny-le-Bretonneux, France “Interplay between HLA-B*27 and microbiota in the context of SpA susceptibility”
14.30	<b>Geraldine Gillespie</b> – Nuffield Department of Medicine, University of Oxford, United Kingdom “Microbial and self-antigens: a pathogenic role in HLA-B*27-associated disease”
15.00	<b>Valentina Tedeschi</b> – Department of Biology and Biotechnology “Charles Darwin”, Sapienza University of Rome, Italy “Hypermotility of CD8+ T cells in SpA: a link to immunosenescence”
15.30	<i>Coffee break</i>
	<b>Immunity &amp; chronic inflammation</b> Chairs: Mariagrazia Uguccioni and Andreas Ziegler
16.00	<b>Simon Jones</b> – Systems Immunity Research Institute, University of Cardiff, United Kingdom “How do cytokines instruct disease progression?”
16.30	<b>Martin Herrmann</b> – Friedrich-Alexander-University Erlangen-Nürnberg, Germany “Extracellular chromatin drives maladaptive tissue repair and autoimmunity”
19.00	<i>Dinner</i>

## Friday, October 13

	<b>Adaptive responses in autoimmunity</b> Chairs: Rosa Sorrentino and Mariagrazia Uguccioni
9.00	<b>Claudia Mauri</b> – Centre for Rheumatology Research, University College London, United Kingdom “Regulatory B cells in autoimmune disease”
9.30	<b>Davide Robbiani</b> – IRB, Università della Svizzera italiana, Bellinzona, Switzerland “Autoantibodies regulating chemokine activities”
10.00	<b>Valentina Cecchinato</b> – IRB, Università della Svizzera italiana, Bellinzona, Switzerland “Autoantibodies in autoimmune diseases”
10.30	<b>Concluding remarks</b> Franco Porzio, Angelo Manfredi and Mariagrazia Uguccioni
11.00	<i>End of the meeting, toast and departure</i>

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