

Immunogenomics of Disease: Accelerating to Patient Benefit

10-12 February 2021

Virtual Conference Agenda

Start (GMT)	Finish (GMT)	Presenter details
Wednesday, 10 February 2021		
13:00	13:10	Welcome
		<p><i>Scientific Programme Committee:</i> <i>David Sansom, University College London, UK</i> <i>Nadine Cerf-Bensussan, Inserm, France</i> <i>Julian Knight, University of Oxford, UK</i> <i>Isabelle Meyts, University of Leuven, Belgium</i></p>
13:10	13:55	Keynote 1
		<p>Introduction to the session <i>Chair: Nadine Cerf-Bensussan, Inserm, France</i></p>
13:10	13:40	<p>Pasteur meets Darwin: human immunology through the lens of evolution <i>Luis Quintana-Murci, Institut Pasteur, France</i></p>
13:40	13:55	<p>Q&A <i>Chair: Nadine Cerf-Bensussan, Inserm, France</i> <i>Moderator: David Sansom, University College London, UK</i></p>
13:55	14:15	Break
14:15	15:45	Session 1: New Insights from Monogenic Disease
		<p>Introduction to the session <i>Chair: Isabelle Meyts, University of Leuven, Belgium</i></p>
14:15	14:35	<p>Inborn errors of immunity to Sars-CoV-2 <i>Jean-Laurent Casanova, The Rockefeller University, USA</i></p>
14:35	14:55	<p>The enemy within - mechanisms of immune dysregulation revealed by inborn errors <i>Sophie Hambleton, Newcastle University, UK</i></p>
14:55	15:05	Short talk
15:05	15:15	Short talk
15:15	15:45	<p>Q&A <i>Chair: Isabelle Meyts, University of Leuven, Belgium</i> <i>Moderator: Julian Knight, University of Oxford, UK</i></p>
15:45	16:10	Break

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16:10	18:15	Session 2: Immunogenetics - from Variants to Function
		Introduction to the session <i>Chair: David Sansom, University College London, UK</i>
16:10	16:30	A whole-genome approach to exploring immunogenetic complexity: PID meets COVID <i>Ken Smith, University of Cambridge, UK</i>
16:30	16:50	Genetic architecture underlying critical illness: sepsis, influenza and Covid-19 <i>Kenneth Baillie, The University of Edinburgh, UK</i>
16:50	17:10	Treg-specific epigenetic variations and susceptibility to common autoimmune diseases <i>Shimon Sakaguchi, Osaka University, Japan</i>
17:10	17:20	Short talk
17:20	17:30	Short talk
17:30	17:50	Panel discussion
17:50	18:15	Q&A <i>Chair: David Sansom, University College London, UK</i> <i>Moderator: Nadine Cerf-Bensussan, Inserm, France</i>
18:15	18:30	Break
18:30	18:45	Poster lightning talks
18:45	19:15	Poster session

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Thursday, 11 February 2021

13:00	14:30	Session 3: Host-Microbiome Interactions and Immune Function in Health and Disease
Introduction to the session <i>Chair: Nadine Cerf-Bensussan, Inserm, France</i>		
13:00	13:20	Talk title TBC <i>Yasmine Belkaid, National Institute of Allergy and Infectious Diseases, USA</i>
13:20	13:40	Interactions between genetics and microbiota in human immune-mediated diseases <i>Harry Sokol, Sorbonne University, APHP, INSERM, INRA, France</i>
13:40	14:00	Short talk
14:00	14:10	Short talk
14:10	14:40	Q&A <i>Chair: Nadine Cerf-Bensussan, Inserm, France</i> <i>Moderator: Isabelle Meyts, University of Leuven, Belgium</i>
14:40	15:00	Break
15:00	16:50	Session 4: Cancer Immunology and Genetic Engineering
Introduction to the session <i>Chair: Julian Knight, University of Oxford, UK</i>		
15:00	15:20	Tumor immunology and tumor evolution: intertwined histories <i>Jérôme Galon, Inserm, France</i>
15:20	15:40	Talk title TBC <i>Miriam Merad, Icahn School of Medicine, Mount Sinai, USA</i>
15:40	16:00	Talk title TBC <i>Carl June, University of Pennsylvania Perelman School of Medicine, USA</i>
16:00	16:10	Short talk
16:10	16:20	Short talk
16:20	16:50	Q&A <i>Chair: Julian Knight, University of Oxford, UK</i> <i>Moderator: David Sansom, University College London, UK</i>
16:50	17:00	Break
17:00	17:15	Poster lightning talks
17:15	17:45	Poster session

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Friday, 12 February 2021

13:00	14:30	Session 5: Progress to Targeted and Gene Therapies
		Introduction to the session <i>Chair: David Sansom, University College London, UK</i>
13:00	13:20	Gene therapy for immune deficiencies 2.0: how the field has evolved and future directions <i>Claire Booth, University College London, UK</i>
13:20	13:40	Genetic engineering of T cells for immune tolerance <i>Maria-Grazia Roncarolo, Stanford University School of Medicine, USA</i>
13:40	13:50	Short talk
13:50	14:00	Short talk
14:00	14:30	Q&A <i>Chair: Isabelle Meyts, University of Leuven, Belgium</i> <i>Moderator: Nadine Cerf-Bensussan, Inserm, France</i>
14:30	15:00	Break
15:00	15:45	Keynote 2
		Introduction to the session <i>Chair: Isabelle Meyts, University of Leuven, Belgium</i>
15:00	15:30	The role of immunity in the gut throughout life: a cell atlas approach <i>Sarah Teichmann, Wellcome Sanger Institute, UK</i>
15:30	15:45	Q&A <i>Chair: Isabelle Meyts, University of Leuven, Belgium</i> <i>Moderator: Julian Knight, University of Oxford, UK</i>
15:45	16:00	Closing remarks
		Scientific Programme Committee: <i>Julian Knight, University of Oxford, UK</i> <i>Nadine Cerf-Bensussan, Inserm, France</i> <i>Isabelle Meyts, University of Leuven, Belgium</i> <i>David Sansom, University College London, UK</i>