

## Monday 24 March 2025

Conference tracks	Cell and developmental biology	SEB satellite meeting	Sensory perception in a changing world - impacts on physiology and behaviour
08:00 - 09:00	Registration		
09:00 - 12:00	Registration	<b>Experimental biology and impact: solutions to climate change and biodiversity loss</b> Esther Ndumi Ngumbi – University of Illinois Urbana Champaign Katharina Wollenberg Valero – University College Dublin Charlotte Andrew – University of Cambridge Eli Thoré – University of Namur Leah Costello – The University of Manchester Sarah-Jane Walsh – Moral Coral Films Ramakrishnan Vasudeva – University of Leeds Gudrun De Boeck – University of Antwerp Jim Harris – Cranfield University	Registration
12:00 - 15:00	<b>Early-career researcher career session</b> Richard Sever – bioRxiv Career round tables <span style="background-color: #008000; color: white; padding: 2px;">Room 3</span>	<span style="background-color: #008000; color: white; padding: 2px;">Hall 1C</span>	Registration
15:00 - 15:40	Refreshment break <span style="float: right;"><span style="background-color: #008000; color: white; padding: 2px;">Level 3 foyer</span></span>		
15:40 - 16:00	Welcoming remarks <span style="float: right;"><span style="background-color: #008000; color: white; padding: 2px;">Hall 1A</span></span>		
16:00 - 17:45	<b>BSCB/BSDB medal awards and lectures</b> BSCB Women in Science medal – Helen Weavers, University of Bristol BSCB Raff Medal – Pei Yee Tay, University of Liverpool BSDB Tickle Medal – Muzlifah Haniffa, Wellcome Sanger Institute <span style="background-color: #008000; color: white; padding: 2px;">Hall 1A</span>		<b>Introductions and introductory lecture</b> Sanjay Sane – National Center for Biological Sciences <span style="background-color: #008000; color: white; padding: 2px;">Room 3B</span>
17:45 - 20:00	Welcome reception <span style="float: right;"><span style="background-color: #008000; color: white; padding: 2px;">Museum of Liverpool</span></span>		

## Tuesday 25 March 2025

Conference tracks	Cell and developmental biology	Sensory perception in a changing world – impacts on physiology and behaviour
09:00 - 10:30	<b>Plenary lectures: biodiversity and climate change</b> Jane Francis – British Antarctic Survey Hans-Otto Pörtner – Alfred Wegener Institute <span style="float: right;">Hall 1A</span>	
10:30 - 11:00	<b>Morning refreshment break</b> <span style="float: right;">Hall 2</span>	
11:00 - 12:30	<b>Patterning and morphogenesis</b> Alexander Aulehla – European Molecular Biology Laboratory Giulia Paci – University College London Chris Whitewoods – University of Cambridge Scott Wilcockson – The Francis Crick Institute Margarida Cardoso-Moreira – The Francis Crick Institute Flash talks <span style="float: right;">Hall 1B</span>	<b>Cell division and proliferation</b> Jordan Raff – University of Oxford Zhe Bao – University of Sheffield Ritwick Sawarkar – University of Cambridge Veronique Marthiens – Institut Curie Susana Godinho – Queen Mary University of London Flash talks <span style="float: right;">Hall 1C</span>
		<b>Eyes</b> Cait Newport – University of Oxford Michiyo Kinoshita – Graduate University for Advanced Studies SOKENDAI <span style="float: right;">Room 3A</span>
12:30 - 13:30	<b>Lunch, posters and exhibition</b> <span style="float: right;">Hall 2</span>	
13:30 - 15:00	<b>Cellular and developmental basis of disease</b> Myriam Hemberger – University of Calgary Natalia Sanchez-Soriano – University of Liverpool Loydie Jerome-Majewska – McGill University Andrew Davidson – University of Glasgow Maneesha Inamdar – Institute for Stem Cell Science and Regenerative Medicine Flash talks <span style="float: right;">Hall 1B</span>	<b>Organelle dynamics</b> Jennifer DeLuca – Colorado State University Emily Glover – University of Bristol Tom McVicar – University of Glasgow Stéphanie Herkenne – University of Liège Alpha Yap – The University of Queensland Flash talks <span style="float: right;">Hall 1C</span>
		<b>Light pollution</b> John Lesku – La Trobe University Hema Somanathan – Indian Institute of Science Education and Research <span style="float: right;">Room 3A</span>
15:00 - 15:30	<b>Afternoon refreshment break</b> <span style="float: right;">Hall 2</span>	

## Tuesday 25 March 2025 continued

15:30 - 17:00	BSDB Waddington Medal talk & BSDB Lewis Wolpert Medal announcement	Hall 1B	Thermosensation and temperature	Susana Clusella-Trullas – Stellenbosch University Suzie Currie – University of British Columbia	Room 3A
17:00 - 17:30	BSCB and BSDB AGMs		Hall 1A and Hall 1C		
17:30 - 19:00	Drinks reception, posters and exhibition				Hall 2

## Wednesday 26 March 2025

Conference tracks	Cell and developmental biology	Interdisciplinary approaches to combatting antimicrobial resistance	Sensory perception in a changing world - impacts on physiology and behaviour
09:00 - 10:30	<b>Plenary lectures: health and disease</b> Sadaf Farooqi – University of Cambridge Charles Swanton – The Francis Crick Institute		
	Hall 1A		
10:30 - 11:00	<b>Morning refreshment break</b>		
	Hall 2		
11:00 - 12:30	<b>Mechanobiology</b> Michael Way – Journal of Cell Science Ewa Paluch – University of Cambridge Sayantika Ghosh – University of Cambridge Victoria Sanz Moreno – The Institute of Cancer Research Loïc Fort – Vanderbilt University School of Medicine Alba Diz-Muñoz – European Molecular Biology Laboratory Flash talks	<b>Drug discovery and 'omics</b> Roger Linnington – Simon Fraser University Nadine Ziemert – University of Tübingen Merve Zeden – University of Galway Marla Macias – Newcastle University	<b>Infrared and electrical sense</b> George Bakken – Indiana State University Daniel Robert – University of Bristol
	Hall 1A	Hall 1C	Room 3A
12:30 - 13:30	<b>Lunch, posters and exhibition</b>		
	Hall 2		
13:30 - 15:00	<b>Biology across scales</b> James Briscoe – Development Hari Shroff – HHMI Janelia Research Campus Lakshmi Balasubramaniam – University of Cambridge Alain Chédotal – Institut de la Vision Robin Beaven – The University of Edinburgh Olivier Pourquié – Harvard University Flash talks	<b>Cellular mechanisms of antimicrobial resistance</b> Jessica Blair – University of Birmingham Maximiliano Gutierrez – The Francis Crick Institute David Grainger – University of Birmingham William Smith – The University of Manchester	<b>Vibration senses</b> Francesca Barbero – University of Turin Robyn Grant – Manchester Metropolitan University
	Hall 1A	Hall 1C	Room 3A
15:00 - 15:30	<b>Afternoon refreshment break</b>		
	Hall 2		

## Wednesday 26 March 2025 continued

15:30 - 17:00	<p><b>Conceptual frontiers</b></p> <p>Daniel Gorelick – Biology Open            Michel Milinkovitch – University of Geneva            Jonas Hartmann – University College London            Matthias Heinemann – University of Groningen            Guillermo Serrano Nájera – University of Cambridge            Anja Geitmann – McGill University            Flash talks</p> <p>Hall 1A</p>	<p><b>Detecting antimicrobial resistance/ persistence in the environment, clinical case studies, solution science, impact and innovation</b></p> <p>Iruka Okeke – University of Ibadan            Susanna Dunachie – University of Oxford            Rupika Gulati – University of Warwick            Jack Barber – University of Aberdeen</p> <p>Hall 1C</p>	<p><b>Sound sense</b></p> <p>Ana Širović – Norwegian University of Science and Technology            Fernanda Duque – Illinois State University</p> <p>Room 3A</p>
17:00 - 18:30	<p>Drinks reception, posters and exhibition</p> <p>Hall 2</p>		
19:30 - 23:00	<p>Gala dinner</p> <p>St George's Hall</p>		

## Thursday 27 March 2025

Conference tracks	Cell and developmental biology	Sensory perception in a changing world - impacts on physiology and behaviour
09:00 - 10:30	<b>Plenary lectures: emerging technologies</b> Jennifer Lippincott-Schwartz – HHMI Janelia Research Campus Manu Prakash – Stanford University <span style="float: right;">Hall 1A</span>	
10:30 - 11:00	<b>Morning refreshment break</b> <span style="float: right;">Hall 2</span>	
11:00 - 12:30	<b>Stem cell based models of development</b> Nicolas Rivron, IMBA – Austrian Academy of Science Luke Simpson – University of Nottingham Vanessa Ribes – Institut Jacques Monod Isha Goel – University of Cambridge Benjamin Steventon – University of Cambridge Flash talks <span style="float: right;">Hall 1B</span>	<b>Cell migration and communication</b> Elena Scarpa – University of Cambridge Matthew Stower – University of Oxford Crystal Rogers – University of California, Davis Tim Davies – Durham University Marisa Merino – University of Liverpool Flash talks <span style="float: right;">Hall 1C</span>
		<b>Magnetic sense</b> Eric Warrant – Lund University Nathan Putman – LGL Ecological Research Associates <span style="float: right;">Room 3A</span>
12:30 - 13:30	<b>Lunch, posters and exhibition</b> <span style="float: right;">Hall 2</span>	
13:30 - 15:15	<b>BSCB/BSDB medal awards and lectures</b> BSCB Hooke Medal – Ian Ganley, University of Dundee BSCB Postdoc Medal – Pamela Swiatlowska, Imperial College London BSDB PhD student Beddington Medal Lecture – Rory Maizels, The Francis Crick Institute <span style="float: right;">Hall 1A</span>	<b>Chemical senses</b> Ajinkya Dahake – Princeton University Jörg Hardege – University of Hull <span style="float: right;">Room 3A</span>
15:15 - 15:45	<b>Afternoon refreshment break</b> <span style="float: right;">Hall 2</span>	
15:45 - 16:45	<b>Panel discussion</b> Nick Hopwood, Tamina Lebek, Maria Leptin, Jennifer Lippincott-Schwartz and Jim Smith <span style="float: right;">Hall 1A</span>	<b>General discussion</b> <span style="float: right;">Room 3A</span>
16:45 - 17:00	<b>Closing remarks</b> <span style="float: right;">Hall 1A</span>	