

BSGCT Annual Conference

Translating advanced therapies to the clinic

Stevenage Bioscience Park | 22-23 June 2023

Programme

Thursday 22 June

10.00-11.00	Shuttle buses from Stevenage Train Station	
10.00-11.00	Registration	<i>GSK Building</i>
11.00-12.45	<p>Clinical trials in gene therapy</p> <p>Chairs: Beata Surmacz-Cordle, GSK; Rafael J. Yáñez-Muñoz, Royal Holloway University of London</p> <p>Welcome and opening remarks Beata Surmacz-Cordle, GSK; Rafael J. Yáñez-Muñoz, Royal Holloway University of London</p> <p>11:15 INV01: Pratima Chowdary, University College London & Royal Free London NHS Foundation Trust</p> <p>11:45 INV02: Translational gene therapy for childhood parkinsonism Joanne Ng, University College London</p> <p>12:15 Patient Representative: Epidermolysis Bullosa, "Hard to say Hell to live with": The challenge and the hope Sharmila Nikapota, Cure EB</p> <p>12:30 OR01: mRNA therapy restores ureagenesis and corrects glutathione metabolism dysfunction in argininosuccinic aciduria Sonam Gurung, UCL Institute of Child Health</p>	<i>GSK Auditorium</i>
12.45-14.15	Lunch	<i>GSK Building</i>
13.10-14.10	<p>Lunchtime workshop: Translating your idea</p> <p>Panel: Louisa Chard Dunmall, VacV Biotherapeutics; Gunnel Hallden, AstraZeneca; Zoe Hewitt, Regen CTC, Michael Kyriakides, Syncona; Yaohe Wang, VacV Biotherapeutics</p> <p>Our panel of experts will discuss how to kickstart the process of translating your ideas from academia to industry. We will share advice and experiences for spinning out a company, and explore how academia and industry can work together for mutual benefit.</p>	<i>GSK Auditorium</i>
13.15-14:00	<p>Stevenage Bioscience Catalyst Tour</p> <p>Marco Delise, Entrepreneurship and Business Development Director at Stevenage Bioscience Catalyst, will introduce and lead a tour of the Catalyst Incubator building. Spaces are limited and on a first-come-first-served basis, and available to anyone who is not already booked onto the 'Skills for careers in gene and cell therapy' workshop. Meet and sign up at the BSGCT registration desk.</p>	<i>Catalyst Incubator Building</i>

14.15-15.45	Manufacturing and skills Chairs: Alex Baker , <i>Accession Therapeutics</i> ; Maria-Lorena Gudruman , <i>University of Sheffield</i>	<i>GSK Auditorium</i>
14:15	INV03: Scale Up of Cell Manufacturing and Evolution of Skill Requirements Over Time Claudia Mercedes Mayer , <i>Autolus Ltd.</i> ; Mei Mei Fung , <i>Autolus Ltd.</i>	
14:45	INV04: Intensifying Cell Manufacture to Reduce Costs and Improve Logistics Robert Thomas , <i>Loughborough University</i>	
15:15	OR02: PKC agonists as small molecule inducing agents for enhancing lentiviral vector production R. Andre Raposo , <i>Oxford Biomedica (UK) Ltd.</i>	
15:30	OR03: High-efficiency end-to-end bioprocessing in a microfluidic bioreactor for cell and gene therapy applications Maria Kalli , <i>MicrofluidX Ltd, Stevenage</i>	
15.45-16.15	Walking group and shuttle buses to Sycamore House	
16.15-18.30	Posters and networking	<i>Sycamore House</i>
16.30-17.15	Poster Session 1: P01-P13	
17.15-18.00	Poster Session 2: P14-P24	
16.30-18.00	Cell and Gene Therapy Catapult Tours (pre-bookings only)	

Friday 23 June

08:30-09:00	Shuttle buses from Stevenage Train Station	
08:30-09:15	Registration	<i>GSK Building</i>
09.15-11.00	Keynote and Fairbairn presentations Chairs: Ivana Barbaric , <i>University of Sheffield</i> ; Amy Geard , <i>University College London</i>	<i>GSK Auditorium</i>
09:15	INV05: Mimoun Azzouz , <i>University of Sheffield</i>	
10:00	FB01: Mapping the pluripotent “breakome”: Insights into the origins of genetic variants in pluripotent stem cells Owen Laing , <i>University of Sheffield</i>	
10:15	FB02: Purification and application of extracellular vesicles associated AAV vectors (EV-AAVs) Ines Colic , <i>University College London</i>	
10:30	FB03: Improving migration, tumour accumulation, and persistence of Tumour-Infiltrating Lymphocytes (TILs) in ovarian cancer Catarina Guerra , <i>University of Manchester</i> ; <i>InstilBio UK</i>	
10:45	FB04: Investigating the propensity of genetically variant hESCs to undergo targeted differentiation to cardiomyocytes Theo Wing , <i>University of Sheffield</i>	
11.00-11.30	Coffee Break A BSGCT stall will be dedicated to Early Career Researchers during the coffee break. There will be a range of activities and sign-ups, including the launch of the new BSGCT mentoring scheme. Drop by between 11:00-11:30 for free sweets and the chance to win giant microbes!	<i>GSK Building</i>

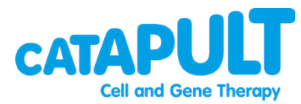
<p>11.30-13.00</p> <p>11:30</p> <p>12:00</p> <p>12:30</p> <p>12:45</p>	<p>Pluripotent stem cells <i>GSK Auditorium</i></p> <p>Chairs: Jack Price, <i>Kings College London</i>; Haneen Alsehli, <i>University of Sheffield</i></p> <p>INV06: Making platelets in vitro: challenges and opportunities Cedric Ghevaert, <i>University of Cambridge</i></p> <p>INV07: Developing pluripotent stem cell derived therapies for hearing loss Terri Gaskell, <i>Rinri Therapeutics</i></p> <p>OR04: Quantification of selective pressures experienced by human pluripotent stem cells <i>in vitro</i> Swetha Srinivasaraghavan, <i>Wellcome-MRC Cambridge Stem Cell Institute, University of Cambridge</i></p> <p>OR05: Investigating the causes and consequences of mitotic errors in human pluripotent stem cells – implications for cell therapy Gabriele Gelezauskaite, <i>The University of Sheffield</i></p>
<p>13.00-14.30</p> <p>13.15-14.15</p> <p>13.30-14.15</p>	<p>Lunch <i>GSK Building</i></p> <hr/> <p>Lunchtime workshop: Skills for careers in cell and gene therapy <i>Catalyst Incubator Building</i></p> <p>Roundtable workshop with lunch. Pre-booking is required.</p> <hr/> <p>BSGCT AGM <i>GSK Auditorium</i></p> <p>BSGCT members are invited to attend our Annual General Meeting to hear updates on the society, our committee and our activities.</p> <hr/>
<p>14.30-16.00</p> <p>14:30</p> <p>15:00</p> <p>15:30</p> <p>15:45</p>	<p>Immuno oncology <i>GSK Auditorium</i></p> <p>Chairs: Richard Stebbings, <i>AstraZeneca</i>; Amit Grover, <i>AstraZeneca</i></p> <p>INV08: Virotherapy for superficial bladder cancer: coming of age Hardev Pandha, <i>University of Surrey</i></p> <p>INV09: Safety considerations for next generation T cell therapies Ryan Wong, <i>AstraZeneca</i></p> <p>OR06: Circumventing anti-vector immunity towards adenoviral vectored vaccines Carly Bliss, <i>Cardiff University</i></p> <p>OR07: A CD28/CD40-based chimeric costimulatory antigen receptor (CoStAR™) targeting folate receptor alpha enhances anti-tumour activity of tumour infiltrating lymphocytes. John Bridgeman, <i>Instil Bio</i></p>
<p>16.00-16.15</p>	<p>Closing and awards <i>GSK Auditorium</i></p> <p>Chairs: Beata Surmacz-Cordle, <i>GSK</i>; Rafael J. Yáñez-Muñoz, <i>Royal Holloway University of London</i></p> <p>Presentation of awards and close of conference</p>
<p>16.30-17.30</p>	<p>Shuttle buses to Stevenage Train Station</p>

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