

## Thursday 7 December 2017

08:00-09:15 **Registration and refreshments** Brighton Dome

09:15-10:30	<b>Plenary session – joint UKPIN and BSI session</b> Brighton Dome UK PIN immunology <small>British Society for</small> <b>Learning from immunodeficiencies and novel therapeutics in human disease</b> Chair: Dr Kimberly Gilmour, Great Ormond Street Hospital Chair: Dr Sofia Grigoriadou, Barts Health NHS Trust
09:15	<b>Welcome</b> President, BSI, and Chair, UKPIN
09:30	<b>Fungal diseases, lessons from primary immunodeficiencies</b> Dr Anne Puel, Imagine, Institute of Genetic Diseases
10:00	<b>Novel therapies in PID</b> Dr Steven Holland, National Institute of Allergy and Infectious Diseases

10:30-11:00 **Refreshments** Brighton Dome

11:00-12:30	<b>Plenary session – joint UKPIN and BSI session</b> Brighton Dome UK PIN immunology <small>British Society for</small> <b>Learning from immunodeficiencies and novel therapeutics in human disease (cont.)</b> Chair: Dr Kimberly Gilmour, Great Ormond Street Hospital Chair: Dr Sofia Grigoriadou, Barts Health NHS Trust
11:00	<b>What has the ability to block IL-1 taught us?</b> Dr Helen Lachmann, University College London and Royal Free Hospital
11:30	<b>Gene therapy for primary immunodeficiencies</b> Dr Claire Booth, UCL Great Ormond Street Institute of Child Health and Great Ormond Street Hospital
12:00	<b>Modern immunotherapy: trials and tribulations</b> Professor John Wagstaff, University of Swansea

12:30-13:45 **Lunch, exhibition and poster viewing** The Grand Charlotte and Crush Hall

Delegates to make their own way from Brighton Dome to The Grand (10-15 minutes walk)

13:15-13:45 **Shire drop-in sessions – Shire Immunoglobulin administration/infusion training session** George III  
 Dr Emmanouil Xystrakis, Shire

## CONFERENCE PROGRAMME

13:45-15:30	<b>Parallel sessions A</b> <span>The Grand</span> (delegates can also attend BSI sessions at The Brighton Centre next door)		
	<p><b>A1: Regulation of the immune response in support of hemopoietic progenitor cell and solid organ transplantation (joint session with BSI)</b></p> <p><b>Empress</b></p> <p>Chairs: Dr Luke Foster, NHS Blood and Transplant Birmingham &amp; Dr Andrew Gennery, Newcastle University</p> <p> <small>British Society for</small> <b>immunology</b></p>	<p><b>A2: Novel insights in PID and genetics (joint session with BSI)</b></p> <p><b>Regent</b></p> <p>Chairs: Dr Dawn Barge, Royal Victoria Infirmary &amp; Dr Claire Booth, University College London</p> <p> <small>British Society for</small> <b>immunology</b></p>	
		<p><b>A3: Nurse led clinics</b></p> <p><b>Consort</b></p> <p>Chair: Christine Symons, Plymouth Hospitals NHS Trust</p>	
13:45	<p><b>Immunogenetics of unrelated donor hematopoietic cell transplantation</b> Dr Effie Petersdorf, University of Washington and Seattle Cancer Care Alliance, USA</p>	<p><b>Primary immunodeficiency: what lies ahead?</b> Professor Sophie Hambleton, Newcastle University</p>	<p><b>13:45 An introduction to nurse-led clinics</b> Christine Symons, Plymouth Hospitals NHS Trust</p>
14:15	<p><b>Cytomegalovirus-specific T cells restricted by HLA-Cw*0702 increase markedly with age and dominate the CD8+ T cell repertoire in older people</b> Louise Hosie, University of Birmingham</p>	<p><b>Biallelic mutations in Calcium Release Activated Channel Regulator 2A (CRACR2A) cause common variable immunodeficiency (CVID)-like phenotype</b> Laura Rice, University of Leeds</p>	<p><b>14:00 Chronic Spontaneous Urticaria (CSU) and omalizumab</b> Alison Donnelly, Belfast Health and Social Care Trust</p>
14:30	<p><b>Innate lymphoid cells reconstitution post lethal irradiation and allogeneic bone marrow transplantation</b> Raef Albugami, University of Birmingham</p>	<p><b>BACH2-immunodeficiency illustrates an association between super-enhancers and haploinsufficiency</b> Dr Behdad Afzali, King's College London</p>	<p><b>14:40 Venom desensitisation</b> John Dixon, Plymouth Hospitals NHS Trust</p>
14:45	<p><b>In vitro expanded iNKT cells show a diversified phenotype and can suppress alloreactive T cells in vitro</b> Claire M. Dempsey, University of Birmingham</p>	<p><b>Dendritic cell and monocyte anomalies in human IKZF1 haploinsufficient immunodeficiency</b> Dr Urszula Cytlak, Newcastle University</p>	<p><b>15:20 Q&amp;A</b></p>
15:00	<p><b>Optimising the use of regulatory T cells to promote transplantation tolerance</b> Professor Giovanna Lombardi, King's College London</p>	<p><b>Newborn screening for SCID in the UK</b> Professor Bobby Gaspar, Great Ormond Street Hospital</p>	
15:30-16:00	<b>Refreshments, exhibition and poster viewing</b> <span>The Grand</span> <span>Charlotte and Crush Hall</span>		
15:30-16:00	<b>Shire drop-in sessions</b> – Shire Immunoglobulin administration/infusion training session Dr Emmanouil Xystrakis, Shire <span>George III</span>		

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16:00-17:30 <b>Parallel sessions A cont.</b> (delegates can also attend BSI sessions at The Brighton Centre next door)		
	<b>A1: Regulation of the immune response in support of hemopoietic progenitor cell and solid organ transplantation (joint session with BSI)</b> <b>Empress</b> Chairs: Luke Foster & Dr Andrew Gennery, Newcastle University 	<b>A2: Novel insights in PID and genetics (joint session with BSI)</b> <b>Regent</b> Chairs: Dr Dawn Barge, Royal Victoria Infirmary & Dr Claire Booth, University College London 
		<b>A3: Nurse led clinics</b> <b>Consort</b> Chair: Christine Symons, Plymouth Hospitals NHS Trust
16:00	<b>New developments in hematopoietic cell transplantation for the treatment of primary immune deficiency, ending with a 'twist'</b> Professor Paul Veys, Great Ormond Street Hospital for Children	<b>Clinical impact of a targeted next-generation sequencing gene panel for autoinflammation and vasculitis</b> Dr Ebum Omoyinmi, University College London
16:30	<b>The practicality of clinical grade selection of regulatory T cells from frozen umbilical cord units using reversible streptamer technologies</b> Dr Richard Duggleby, Anthony Nolan Research Institute	<b>Germline and somatically acquired ASXL1 mutations induce disease progression in GATA2 deficient individuals</b> Dr Rachel Dickinson, Newcastle University
16:45	<b>Visualising regulatory T cell trafficking in pre-clinical humanised mouse transplantation models using SPECT/CT imaging</b> Jacinta Jacob, King's College London	<b>Whole genome sequencing is more sensitive in detection of pathogenic variants in primary immunodeficiency than gene panel or whole exome sequencing</b> Dr Jes Maimaris, UCL Great Ormond Street Institute of Child Health
17:00	<b>Regulatory T cell therapy in living donor kidney transplantation: update on the UK ONE study phase 1/2a trial</b> Professor Kathryn Wood, University of Oxford	<b>Monogenic forms of inflammatory bowel disease</b> Professor Holm Uhlig, University of Oxford
		<b>16:00 Nurse led annual review telephone consultations for patients with bronchiectasis or recurrent respiratory infections</b> Karen Henderson, Papworth Hospital NHS Foundation
		<b>16:40 Trust immunoglobulin panel: the nurse's role</b> Andrew Symes, Royal Free London NHS Foundation Trust
		<b>17:20 Q&amp;A</b>

**BSI sessions**

Delegates may also attend BSI congress sessions at the Brighton Centre during the parallel session from 13:45-17:30. The Brighton Centre is located next door to The Grand.

**Identification of immune correlates of infection to underpin vaccine design** Brighton Centre **Syndicate room 1**  
**Inflammation and wound healing** Brighton Centre **Meeting room 1**  
**Innate immunity in neurodegenerative diseases** Brighton Centre **Syndicate room 2**  
**T cell interactions in health and disease** Brighton Centre **Auditorium 2**

For a full outline of the session, please visit the BSI registration desk. **Brighton Centre foyer**



# CONFERENCE PROGRAMME

17:35-18:35	<b>HAE: The future is now</b> Sponsored session by Pharming <b>The Grand</b> <b>Empress</b> Chairs: Dr Sorena Kiani and Professor Marco Cicardi
	<b>Introduction</b> Dr Sorena Kiani, Barts Health NHS Trust
	<b>HAE UK</b> Dr Patrick Yong, Berkshire Surrey Pathology Service
	<b>Does the C1Inh dose matter? Changing the treatment paradigm</b> Professor Marco Cicardi, Milan University and Luigi Sacco Hospital Milan, Italy
	<b>Recombinant human C1INH: a clinical review in a nutshell</b> Professor Marc Riedl, UCSD, San Diego, USA
	<b>Summary and conclusions</b> Dr Sorena Kiani, Barts Health NHS Trust
19:30	<b>Gala dinner</b> <b>The Grand</b> <b>Albert</b> Pre-booked tickets only.

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## Friday 8 December 2017

Entire day held at The Grand

07:45-08:30 **Registration, refreshments and exhibition** Charlotte

07:45-08:15 **Shire drop-in sessions** – Shire Immunoglobulin administration/infusion training session George III  
Dr Emmanouil Xystrakis, Shire

08:30-10:00 <b>Parallel sessions B</b>			
	<b>B1: Lung granulomatous disease</b> <span>Empress</span> Chair: Dr William Egner, Sheffield Teaching Hospitals NHS Foundation Trust	<b>B2: Laboratory workshops</b> <span>Regent</span> Chair: Dr Dinkantha Kumaratne, Addenbrook's Hospital	<b>B3: Wake up to accreditation - carrot or stick?</b> <span>Consort</span> Chair: Dr Claire Bethune, Plymouth Hospitals NHS Trust
08:30	<b>Granulomatous Interstitial Lung Disease (GLILD): consensus and controversy</b> Professor Alison Condliffe, University of Sheffield	<b>Th17 cells: establishing robust assay and reviewing clinical utility in the diagnostic lab</b> Fariba Tahami, Great Ormond Street Hospital NHS Trust	Facilitators: <ul style="list-style-type: none"> <li>• Debbie Johnston, Royal College of Physicians Accreditation Unit</li> <li>• Dr Claire Bethune, Plymouth Hospitals NHS Trust</li> </ul>
09:00	<b>GLILD: imaging, monitoring and differential diagnosis</b> Dr Jamanda Haddock, Royal Free London NHS Foundation Trust	<b>Indications and interpretation of functional/TLR-cytokine assays</b> Dr Rainer Doffinger, Cambridge University Hospitals NHS Foundation	
09:30	<b>Use of PET-CT in monitoring of GLILD: case report</b> Dr Tariq El-Shanawany, University Hospital of Wales	<b>The 100,000 Genomes Project and beyond</b> Professor Sophie Hambleton, Newcastle University	

10:00-10:45 **Refreshments, exhibition and attended poster session** Charlotte and Crush Hall

10:00-10:45 **Shire drop-in sessions** – Shire Immunoglobulin administration/infusion training session George III  
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10:45-12:30 <b>Plenary session</b> <span>Empress</span>	
Chair: Dr Matthew Buckland, Royal Free London NHS Foundation Trust and Great Ormond Street Hospital NHS Foundation Trust	
10:45	<b>Highlights from ESID 2017 - autoimmunity and inflammation: beyond the paradigm</b> Dr Andrew Gennery, Newcastle University
11:10	<b>Great debate – There is no place for HSCT in genetically undefined adult PID</b> Professor Ronjon Chakraverty, University College London Dr Siobhan Burns, University College London
11:50	<b>Annual General Meeting</b>

12:30-13:30 **Lunch, exhibition and poster viewing** Charlotte and Crush Hall

13:00-13:30 **Shire drop-in sessions** – Shire Immunoglobulin administration/infusion training session George III  
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13:30-14:30	<b>Plenary session</b> <span>Empress</span> <b>Transitioning to adult care</b> Chair: Dr Matthew Buckland, Royal Free London NHS Foundation Trust and Great Ormond Street Hospital NHS Foundation Trust
13:30	<b>Psychosocial aspects of transitioning to adult care</b> Mari Campbell, Royal Free London NHS Foundation Trust
14:00	<b>Transitional care for young adults with immune deficiency</b> Dr Helen Baxendale, Papworth Hospital NHS Foundation Trust
14:30-15:00	<b>Coffee, exhibition and poster viewing</b> <span>Charlotte and Crush Hall</span>
14:30-15:00	<b>Shire drop-in sessions</b> – Shire Immunoglobulin administration/infusion training session <span>George III</span> Dr Emmanouil Xystrakis, Shire
15:00-16:10	<b>Plenary session</b> <span>Empress</span> <b>New diseases and hot topics</b> Chair: Dr David Edgar, Belfast Health & Social Care Trust
15:00	<b>Altered epigenetic signature in adult onset hypogammaglobulinaemia implicates the presence clonal haematopoiesis</b> Dr Gabriel Wong, Royal London Hospital
15:15	<b>The clinical consequences of changing immunoglobulin products in a stable patient cohort</b> Dr Georgina Davis, Derriford Hospital, Plymouth
15:30	<b>New diseases and management – DADA2</b> Professor Paul Brogan, UCL Institute of Child Health and Great Ormond Street Hospital NHS Foundation Trust
16:00	<b>Presentation of best poster prizes and closing comments by the Chair</b>
16:10	<b>Close of conference</b>

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