IEI: State of the Art
Advances in diagnosis and management of Inborn Errors of Immunity in children and adults
10th-12th February 2027, Newcastle upon Tyne

A Winter School Workshop run by the UCL Centre for Immunodeficiency and Newcastle University- aimed primarily at clinicians looking after patients with PID, the program will focus on scientific advances in the basic mechanisms and management of PID and Autoinflammatory Disease.

Day	Time	Topic	Speaker/Chair
Wednesday 10th Feb	12:30-13:30	Lunch	
Phenotypic spectrum in genetic diseases of the immune system			
Chair:	13:30-14:00	The spectrum of genetic thymic disorders	Alexandra Kreins
	14:00-14:30	Beyond SCID to T-cell lymphopenia- what we are learning from newborn screening	Andy Gennery
	14:30-14:50	Newborn Screening -what next	Josh Milner
	14:50-15:35	Cases (3): When phenotype is unexpected	
	15:35-16:00	Coffee	
Chairs:	16:00-16:30	The CVID and CVID-like phenotype spectrum	Klaus Warnatz
	16:30-17:00	Allergy and Th2 driven IEI	Josh Milner
	17:00-18:00	Cases (4):	
	18:00-19:00	Posters & drinks	
	20:00	Dinner	
Thursday 11th Feb			
Chairs:	**Infections in IEI**		
	09:00-09:30	Monogenic infectious disease	Vanessa Sancho-Shimizu
	09:30-10:00	How I treat opportunistic infections in children	Theresa Cole
	10:00 -10:30	How I treat chronic viral infections in adults	Klaus Warnatz/Siobhan Burns
	10:30-11:00	Cases (2): Infections	
	11:00-11:30	Coffee	
Emerging trends in diagnosis of IEI			
Chair:	11:30-12:00	When a genetic report isn't enough- my approach to diagnosis in difficult cases	Josh Milner
	12:00-13:00	Cases (4): What to do when genetics don't give a diagnosis	
	13:00-14:00	Lunch	
Emerging trends in treatment of IEI			
Chair:	14:00-14:30	Are targeted therapies now gold standard	Siobhan Burns
	14:30-15:00	Can we improve personalize treatment for CVID	Klaus Warnatz
	15:00-15:30	Cases (2)	
	15:30-16:00	Coffee	

Chair:	16:00-16:30	Advances in Thymus transplant	Alexandra Kreins
	16.30-17.00	Cases (2)	
	17:00-18:30	Poster Session and drinks	
	19:30	Dinner	
Friday 12th Feb		**Emerging trends in treatment of IEI**	
Chair:	09:00-09:30	HSCT for children with IEI- do we need to improve?	Theresa Cole
	09:30-10:00	HSCT for adults with IEI- building on what we have learnt	Venetia Bigley
	10:00-11:00	Cases (4)	
	11:00-11:30	Coffee	
Chair:	11:30-12:00	Gene Therapies – the next 10 years	Claire Booth
	12:00-12:30	HSCT and Gene Therapy - For Whom and When	Andy Gennery
	12:30-13:00	Cases (2)	
	13:00-13:30	Wrap up	

Faculty Members:
Andy Gennery: Professor in Paediatric Immunology and HSCT, GNCH and Newcastle University
Klaus Warnatz: Head of Division Immunodeficiency, University Medical Centre Freiburg, Germany
Siobhan Burns: Professor of Translational Immunology and Honorary Consultant in Immunology
UCL Institute of Immunity and Transplantation and Royal Free Hospital London
Venetia Bigley: Honorary Consultant Haematologist/MRC Senior Clinical Fellow, Newcastle Hospitals Trust/Newcastle University
Alexandra Kreins: Wellcome Clinical Research Fellow and Honorary Consultant in Paediatric Immunology
UCL Institute of Child Health and Great Ormond Street Hospital London
Theresa Cole: Associate Professor, Great North Children's Hospital, Newcastle
Josh Milner: Director, Division of Pediatric Allergy, Immunology and Rheumatology, Columbia University, New York, USA
Vanessa Sancho-Shimizu: Professor of Human Genetics and Immunity, Imperial College London
Claire Booth: Professor of Gene Therapy and Paediatric Immunology and Honorary Consultant in Paediatric Immunology
UCL Institute of Child Health and Great Ormond Street Hospital

Target Audience: Consultant and trainee clinicians in Paediatric and Adult Immunology
Trainees, Nurses & Biomedical Scientists working in Immunology

Teaching Methods: This workshop will consist of lectures, case presentations, oral presentations and informal discussion.

Key Aims and Learning Objectives: The aim is to share local, national and international experience and knowledge of scientific advances in the basic mechanisms and management of IEI.