

IEI: State of the Art 12th-14th February 2025 Newcastle

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.

Day	Time	Topic	Speaker/Chair
Wednesday 12th Feb	12:30-1:30	Lunch	
Immune dysregulation in IEI			
	1:30-2:00	Immune dysregulation: manifestations and mechanisms in IEI	Markus Seidel
	2:00-2.30	Iatrogenic phenocopies of IEI-like immune dysregulation	Sophie Hambleton
	2:30 – 3:00	Infectious complications of novel immunosuppressive treatments: when and how hard to screen	Liz Whittaker
	3:00-3:30	Cases (2)	
	3:30-4.00	Coffee	
Malignancy in IEI			
	4:00–4:30	Malignancy in IEI: spectrum and mechanisms	Markus Seidel
	4.30-5.00	Lymphoma and leukemia as manifestations of IEI	Simon Bomken
	5:00-5:30	Should prior malignancy alter our approach to the treatment of patients with IEI	Venetia Bigley
	5.30-6:00	Cases (2)	
	5:30-7:00	Posters & drinks	
	7:30	Dinner	
Hyperinflammatory Disorders			
Thursday 13th Feb	9:00-9:30	Autoinflammatory Disease: mechanisms and management	Marco Gattorno
	9:30-10:00	Excessive inflammatory response to infection	Liz Whittaker
	10:00-10:30	Cases (2)	
	10:30-11:00	Coffee	
	11.00-11.30	IEI predisposing to HLH	Siobhan Burns
	11:30-12:00	HLH: practical difficulties in diagnosis and options for treatment	Venetia Bigley

	12:30 -13:00	Cases (2)	Panel
	13:00-14:00	Lunch	
Inflammatory complications in specific IEI			
	14:00-14:30	Predominantly antibody deficiencies: CVID & XLA	Klaus Warnatz
	14:30-15:00	SCID and CID	Andy Gennery
	15:00-15:30	Regulatory T-cell defects	Marcus Seidel
	15:30-16:00	Coffee	
	16:00– 16:30	ADA2- deficiency	Marco Gattorno
	16.30 – 17.00	Cases (2)	Panel
	17:30-19:00	Poster Session and drinks	Faculty Panel
	19:30	Dinner	
Challenges in the diagnosis and treatment of IEI			
Friday 14th Feb	9:00-9:30	Challenges with Genetic Diagnosis in IEI	Sophie Hambleton
	9:30-10:00	Approach to undifferentiated autoinflammatory disease	Marco Gattorno
	10.00-10:30	Diagnostic challenges posed by newborn screening	Andy Gennery & Liz Whittaker
	10:30 – 11.00	Cases (2)	
	11.00-11.30	Coffee	
	11:30-12:00	Future perspectives for managing CVID/CID in adults	Klaus Warnatz
	12:00 – 12:30	Novel cellular therapies for IEI	Venetia Bigley
	12:30- 1:00	Cases (2)	
	1:00-2:00	Networking lunch	

Faculty Members:

Sophie Hambleton: Consultant in Paediatric Immunology, GNCH and Newcastle University

Andy Gennery: Consultant in Paediatric Immunology, GNCH and Newcastle University

Klaus Warnatz: Consultant Immunologist, University of Freiburg

Siobhan Burns: Consultant Immunologist, Royal Free Hospital and UCL

Venetia Bigley: Consultant Haematologist, Newcastle Hospitals Trust, and Newcastle University

Elizabeth Whittaker: Consultant in Paediatric Infectious Diseases, St Mary's Hospital, London

Marcus Seidel: Consultant in Paediatric Immunology and Haematology, Medical University of Graz

Marco Gattorno: Consultant in Paediatric Rheumatology, G. Gaslini Institute for Children in Genoa, Italy

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 PID and Autoinflammatory disease.