

# Advanced Winter School - PID: State of the Art 8-10 February 2023



*Organised by the UCL Centre for Immunodeficiency and  
Newcastle University*



Centre for  
Immunodeficiency



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# Advances in Primary Immunodeficiency

## 8<sup>th</sup>-10<sup>th</sup> February 2023

### 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
<b>Wednesday 8<sup>th</sup> Feb</b>	12:30-1:30	Lunch	
	1:30-2:15	Pathogenesis of defects of B cell development	Mirjam van der Burg
	2:15-3:00	Antibody deficiency in adulthood – can we predict (and alter) outcome?	Klaus Warnatz
	3:00-3:30	Current challenges for the management of CVID	Siobhan Burns
	3:30-4:00	Coffee	
	4:00-5:00	Cases (4)	
	5:00-6:00	The role of HSCT in management of humoral immunodeficiency and CVID	Panel discussion
	6:00-7:00	Posters	
	7:30+	Dinner	
<b>Thursday 9<sup>th</sup> Feb</b>	9:00-9:30	Genetic forms of SCID & Omenn syndrome	Sophie Hambleton
	9:30-10:00	Newborn Screening for SCID, nomenclature	Mirjam van der Burg
	10:00-10:30	Transplant Management of SCID	Andy Gennery
	10:30-11:00	Coffee	
	11:00-11:30	Gene Therapy for SCID	Claire Booth
	11:30-12:00	Longterm outcomes of treatment for SCID	Andy Gennery
	12:00-12:30	Panel Discussion	Sophie Hambleton Mirjam van der Burg Andy Gennery Claire Booth
	12:30 -13:00	Cases (3)	Panel

	13:00-14:00	Lunch	
	14:00-14:30	CID – new genetic insights	Sophie Hambleton
	14:30-15:00	The diagnostic approach	Mirjam van der Burg
	15:00-15:30	Approach to diagnosis and treatment of infection in IEI	Alasdair Bamford
	15:30-16:00	Coffee	
	16:00– 16:30	HSCT for CID – early vs late (paed vs adult)	Andy Gennery/Venetia Bigley
	16.30 – 17.00	Cases (2)	Panel
	17:30-19:00	Poster Session and drinks	Faculty Panel
	19:30 (?20.00)	Dinner	
<b>Friday 10<sup>th</sup> Feb</b>	9:00-10.00	Developmental defects of the myeloid lineage	Venetia Bigley/ Sophie Hambleton
	10.00-10:30	Gene therapy for myeloid disorders	Claire Booth
	10:30 – 11.00	Cases (2)	
	11.00-11.30	Coffee	
	11:30-12:15	Targeted drug therapy for IEI	Siobhan Burns
	12:15- 1:00	Cases (3)	
	1:00-2:00	Networking lunch	

#### **Faculty Members:**

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

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

**Prof Klaus Warnatz:** Consultant Rheumatology, CCI, University Medical Centre Freiburg, Germany

**Dr Mirjam van der Burg:** Associate Professor. Leiden University Medical Centre (LUMC)

**Prof Siobhan Burns:** Consultant Immunologist, Royal Free Hospital and UCL

**Prof Claire Booth:** Consultant in Paediatric Immunology, GOSH/ICH, UCL

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

**Dr Alasdair Bamford** Consultant in Paediatric Infectious Diseases, GOSH/UCL

#### **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 managing patients with primary immunodeficiency (PID) and the scientific advances in the basic mechanisms and management of PID