1st How to Diagnose and Treat
Red Cell Disorders
November 5-7, 2027 – Malahide (Dublin), Ireland
Chairs: Lucia de Franceschi, Deena Iskander, Irene Roberts, Mitch Weiss

Friday, November 5, 2027

08:00-08:05	**Welcome**	Conference chairpersons
08:05-08:45	**Keynote lecture** **Chair:** Irene Roberts (Oxford)	
08:05-08:35	How to make a red blood cell in the lab - the first clinical trial of manufactured red cells in humans	Cedric Ghevaert (Cambridge)
08:35-08:45	*Discussion*	
SESSION I – Anaemia: approaches to diagnosis in different settings **Chair:** Deena Iskander (London), Irene Roberts (Oxford)		
08:45-09:00	Interactive case: anaemia in the newborn	Subarna Chakravorty (London)
09:00-09:05	*Discussion*	
09:05-09:25	Case-based lecture: new diagnostic methods for anaemia and how to use them	Roberta Russo (Naples)
09:25-09:30	*Discussion*	
09:30-09:50	Case-based lecture: anaemia in pregnancy	Maureen Achebe (Boston)
09:50-09:55	*Discussion*	
09:55-10:15	Case-based lecture: anaemia of inflammation	Martina Muckenthaler (Heidelberg)
10:15-10:20	*Discussion*	
10:20-10:25	*Selected brief oral communication*	*Speaker*
10:25-10:28	*Discussion*	
10:28-10:50	*Panel discussion*	
10:50-11:20	***Coffee break***	
SESSION II – Acquired haemolytic anaemias **Chair:** Antonio Risitano (Naples)		
11:20-11:35	Interactive case: autoimmune haemolytic anaemia	Bruno Fattizzo (Milan)
11:35-11:40	*Discussion*	
11:40-12:00	Case-based lecture: cold-agglutinin disease (including new drugs and how to use them)	Sigbjorn Berentsen (Haugesund)

12:00-12:05	*Discussion*	
12:05-12:25	Case-based lecture: PNH: focus on management of haemolytic PNH	Antonio Risitano (Naples)
12:25-12:30	*Discussion*	
12:30-12:50	Case-based lecture: PNH, aplasia and clonal haematopoiesis	Regis Peffault De Latour (Paris)
12:50-12:55	*Discussion*	
12:55-13:00	*Selected brief oral communication*	*Speaker*
13:00-13:03	*Discussion*	
13:03-13:25	*Panel discussion*	

13:25-15:20 ***Lunch***

14:10-15:10 Possible slot for a satellite symposium

SESSION III – Thalassaemias /microcytic anaemias
Chair: Lucia De Franceschi (Verona), Mitch Weiss (Memphis)

15:20-15:35	Interactive case: medical management of TDT, including new drugs	Kevin Kuo (Toronto)
15:35-15:40	*Discussion*	
15:40-16:00	Case-based lecture: gene therapy for beta thalassaemia and BMT	Emanuele Angelucci (Genoa)
16:00-16:05	*Discussion*	
16:05-16:25	Case-based lecture: phenoconversion and management of NTDT, including new drugs	Valeria Maria Pinto (Genoa)
16:25-16:30	*Discussion*	
16:30-16:50	Case-based lecture: management of alpha thalassaemia	Thomas Coates (Los Angeles)
16:50-16:55	*Discussion*	
16:55-17:00	*Selected brief oral communication*	*Speaker*
17:00-17:03	*Discussion*	
17:03-17:25	*Panel discussion*	

17:25-17:55 ***Coffee break***

17:55-18:35 DEBATE 1 – NTDT- To transfuse or not transfuse
Chair: Mitch Weiss (Memphis)

Audience votes

17:55-18:10	Transfuse	Ali Taher (Beirut)
18:10-18:25	Not transfuse	Kevin Kuo (Toronto)
18:25-18:35	*Discussion*	

Audience votes again

18:35-19:15 ROUNDTABLE 1 – Haemoglobinopathies disease in Africa: how best can This major public health problem be addressed?
Chair: Lucio Luzzatto (Florence)

18:35-18:50	TBD	Maria Berghs (Cambridge)
18:50-19:05	TBD	Brigitte Ranque (Paris)
19:05-19:20	TBD	Olugbemiro Sodeinde (Ibadan)
19:20-19:30	*Discussion*	

19:30-20:45 ***Poster Walks and Welcome Get Together stand-up buffet dinner***
Poster leaders: TBA

Saturday, November 6, 2027

07:50-08:50 3 Simultaneous Meet the Expert Sessions

1. Porphyria: making the diagnosis in difficult cases	David Rees (London)
2. Transfusion - Strategy for finding the right donor	Stella Chou (Philadelphia)
3. When and how to treat iron deficiency	Lucia De Franceschi (Verona)

09:00-10:00 **Possible slot for a satellite symposium**

10:00-10:30 Coffee Break

SESSION IV – Sickle cell disease
Chair: Mariane de Montalembert (Paris)

10:30-10:45	Case-based lecture: pathophysiology, prevention and management of pain crises	Deepa Manwani (Memphis)
10:45-10:50	*Discussion*	
10:50-11:10	Case-based lecture: novel and pharmacological therapies for SCD	Mariane de Montalembert (Paris)
11:10-11:15	*Discussion*	
11:15-11:35	Interactive case: what's new in transfusion medicine for SCD	Stella Chou (Philadelphia)
11:35-11:40	*Discussion*	
11:40-12:00	Case-based lecture: cultural adaptations to living with SCD	Maria Berghs (Cambridge)
12:00-12:05	*Discussion*	
12:05-12:10	*Selected brief oral communication*	*Speaker*
12:10-12:13	*Discussion*	
12:13-12:35	*Panel discussion*	

12:35-14:25 Lunch

13:15-14:15 Possible slot for a satellite symposium

14:25-15:10 DEBATE 2 – "curative approaches": gene therapy vs BMT
Chair: Lucia De Franceschi (Verona)

Audience votes

14:25-14:40	Gene therapy	Mariane de Montalembert (Paris)
14:40-14:55	BMT	Alexis Leonard (Memphis)
14:55-15:05	*Discussion*	

Audience votes again

15:05-15:35 Coffee break

SESSION V – Rare inherited anaemias and haematologic disorders
Chair: Irene Roberts (Oxford)

15:35-16:05	**Keynote lecture:** G6PD deficiency	Lucio Luzzatto (Florence)
16:05-16:15	*Discussion*	
16:15-16:35	Case-based lecture: membranopathies a "middle-Earth" for haematologists	Immacolata Andolfo (Naples)
16:35-16:40	*Discussion*	
16:40-17:00	Case-based lecture: porphyrias - clinical, classification, diagnosis	David Rees (London)
17:00-17:05	*Discussion*	
17:05-17:25	Case-based lecture: congenital dyserythropoietic anaemia	Rami Khoriaty (Ann Arbor)
17:25-17:30	*Discussion*	
17:30-17:35	*Selected brief oral communication*	*Speaker*
17:35-17-38	*Discussion*	
17:38-18:10	*Panel discussion*	

Sunday, November 7, 2027

08:50-09:50 3 Simultaneous Meet the Expert Sessions

1. Iron overload and iron toxicity	Thomas Coates (Los Angeles)
2. Clinical trial design in thalassaemias	Kevin Kuo (Toronto)
3. Integrated care for sickle cell disease in low and middle income countries	Maureen Achebe (Boston)

09:50-10:20 Coffee break

10:20-11:00 Keynote lecture
Chair: Mitch Weiss (Memphis)

10:20-10:50	Clone wars: adaptive vs maladaptive haematopoiesis in bone marrow failure	Marcin Wlodarski (Memphis)

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10:50-11:00	*Discussion*	

SESSION VI - Red cell aplasia and dyserythropoietic anaemias
Chair: Marcin Wlodarski (Memphis)

11:00-11:15	Interactive case: diamond-Blackfan anaemia syndrome - focus on diagnosis & management	Deena Iskander (London)
11:15-11:20	*Discussion*	
11:20-11:40	Case-based lecture: diamond Blackfan anaemia in fetal life - lessons from mouse models	Lionel Blanc (New York)
11:40-11:45	*Discussion*	
11:45-12:05	Case-based lecture: diamond-Blackfan anaemia syndrome - the role of gene therapy	Senthil Bhoopalan (Memphis)
12:05-12:10	*Discussion*	
12:10- 12:15	*Selected brief oral communication*	Speaker
12:15-12:18	*Discussion*	
12:18-12:40	*Panel discussion*	
12:40-12:50	***Closing remarks***	

MEETING CLOSURE

**Pending confirmation*