Preliminary Programme 12/11/26

6th Scientific Workshop
the Haematological Tumour Microenvironment
And Its Therapeutic Targeting
February 14-16, 2027 – London, United Kingdom
Chairs: Dominique Bonnet, Nitin Jain, Marina Konopleva, Daniela S. Krause, Simon Méndez-Ferrer, Kwee Yong

Sunday, February 14, 2027

15:00-15:10 Welcome: Conference Chairpersons

SESSION I – Normal haematopoietic stem cell and their niche
Chair: Marieke Essers (Heidelberg)

15:10-15:15	Introduction	Marieke Essers (Heidelberg)
15:15-15:45	**Keynote lecture:** Stem cell niches and signaling in normal and malignant haematopoiesis	Linheng Li (Kansas City)
15:45-15:50	*Discussion*	
15:50-16:05	Normal bone marrow niche	Konstantinos D. Kokkaliaris (Frankfurt)
16:05-16:10	*Discussion*	
16:10-16:20	*Selected brief oral communication*	
16:20-16:25	*Discussion*	
16:25-16:55	*Panel discussion*	

16:55-17:25 Coffee Break

SESSION II – Stress and inflammation / Trained immunity
Chair: Konstantinos D. Kokkaliaris (Frankfurt)

17:25-17:30	Introduction	Konstantinos D. Kokkaliaris (Frankfurt)
17:30-17:45	CXCR4 signaling, a gatekeeper orchestrating the bone marrow ecosystem	Karl Balabanian (Paris)
17:45-17:50	*Discussion*	
17:50-18:05	Senescence and inflammation response	Raffaella Di Micco (Milan)
18:05-18:10	*Discussion*	
18:10-18:25	Inflammation and niche	Marieke Essers (Heidelberg)
18:25-18:30	*Discussion*	
18:30-18:40	*Selected brief oral communication*	
18:40-18:45	*Discussion*	
18:45-19:15	*Panel discussion*	

19:15-21:15 Poster Walks and Welcome Get-Together stand-up buffet dinner

Monday, February 15, 2027

08:00-09:00 3 Simultaneous Meet the Expert sessions (non-clinical)

1. Focus on translational science: bridging "basic" with "clinical" research — Iannis Aifantis (New York)
2. Ex vivo human haematopoietic stem cell expansion for research and therapy — Marieke Essers (Heidelberg)
3. Analysing the metabolism of haematopoietic cells — Nick van Gastel (Brussels)

SESSION III – Selected brief oral communications
Chair: Ravi Majeti (Stanford)

09:00-09:10	Title	Speaker
09:10-09:15	*Discussion*	
09:15-09:25	Title	Speaker
09:25-09:30	*Discussion*	
09:30-09:40	Title	Speaker
09:40-09:45	*Discussion*	
09:45-09:55	*Selected brief oral communication*	
09:55-10:00	*Discussion*	

10:00-10:30 Coffee break

SESSION IV – Clonal haematopoietic
Chair: Iannis Aifantis (New York)

10:30-10:35	Introduction	Iannis Aifantis (New York)
10:35-10:50	Clonal haematopoietic and TRIM	Eirini Papapetrou (New York)
10:50-10:55	*Discussion*	
10:55-11:10	Clonal haematopoietic and inflammation: From cardiovascular disease to clone dynamics	José J. Fuster (Madrid)
11:10-11:15	*Discussion*	
11:15-11:25	*Selected brief oral communication*	
11:25-11:30	*Discussion*	
11:30-12:00	*Panel discussion*	

12:00-13:40 Lunch

12:30-13:30 Slot for a possible satellite symposium

SESSION V – The niche in myeloid malignancies
Chair: Eirini Papapetrou (New York)

13:40-13:45	Introduction	Eirini Papapetrou (New York)
13:45-14:00	Metabolism and acute myeloid leukemia	Nick van Gastel (Brussels)
14:00-14:05	*Discussion*	
14:05-14:20	Osteoblast and acute myeloid leukemia metabolism	Stavroula Kousteni (New York)
14:20-14:25	*Discussion*	
14:25-14:40	HSC and the niche	Simona Valletta (Manchester)
14:40-14:45	*Discussion*	
14:45-15:00	Acute myeloid leukemia and niche	Ravi Majeti (Stanford)
15:00-15:05	*Discussion*	
15:05-15:15	*Selected brief oral communication*	
15:15-15:20	*Discussion*	
15:20-15:50	*Panel discussion*	

15:50-16:20 Coffee break

SESSION VI – The niche in lymphoid malignancies
Chair: Tom Cupedo (Rotterdam)

16:20-16:25	Introduction	Tom Cupedo (Rotterdam)
16:25-16:40	Beyond the bone marrow: Tissue-specific tumor-host interplay in B-ALL	Mikael Sigvardsson (San Diego)
16:40-16:45	*Discussion*	
16:45-17:00	Follicular lymphoma and niche	Patrizia Mondello (Rochester)
17:00-17:05	*Discussion*	
17:05-17:20	Innate and adaptive immunity in the myeloma bone marrow niche	Tom Cupedo (Rotterdam)
17:20-17:25	*Discussion*	
17:25-17:35	*Selected brief oral communication*	
17:35-17:40	*Discussion*	
17:40-18:10	*Panel discussion*	

Tuesday, February 16, 2027

08:00-09:00 3 Simultaneous Breakfast Meet the Expert Sessions (Clinical)

1.	**TBA***	Marion Subklewe (Munich)
2.	Clinical translation: Quo vadis	Michael Andreeff (Houston)
3.	CART: Translating basic discoveries to clinical trials	Marco Ruella (Philadelphia)

SESSION VII – Modeling the 3D Niche
Chair: Stavroula Kousteni (New York)

09:10-09:15	Introduction	Stavroula Kousteni (New York)
09:15-09:30	3D Normal bone marrow niche	Andrés Garcia-Garcia (Basel)
09:30-09:35	*Discussion*	
09:35-09:50	Disease modeling	Abdullah Khan (Oxford)
09:50-09:55	*Discussion*	
09:55-10:10	Acute myeloid leukemia modeling	Paul Bourgine (Lund)
10:10-10:15	*Discussion*	
10:15 -10:25	*Selected brief oral communication*	
10:25-10:30	*Discussion*	
10:30-11:00	*Panel discussion*	
11:00-11:30	***Coffee break***	

SESSION VIII – Immune bone marrow microenvironment and clinical translation
Chair: Marina Konopleva (New York)

11:30-11:35	Introduction	Marina Konopleva (New York)
11:35-11:50	Immune targets in acute myeloid leukemia	Marion Subklewe (Munich)
11:50-11:55	*Discussion*	
11:55-12:10	CAR T clinical translation	Marco Ruella (Philadelphia)
12:10-12:15	*Discussion*	
12:15 -12:30	How acute myeloid leukemia escape immunotherapy	Marta Serafini (Monza)
12:30-12:35	*Discussion*	
12:35 -13:05	**Keynote Lecture:** Understanding and targeting the immune microenvironment in VEXAS	Iannis Aifantis (New York)
13:05 -13:10	*Discussion*	
13:10-13:20	Somatic TP53 Mutations in T and NK cells create an inflammatory immune microenvironment in TP53 mutant acute myeloid leukaemia	Michael Andreeff (Houston)
13:20-13:25	*Discussion*	
13:25-13:35	*Selected brief oral communication*	
13:35-13:40	*Discussion*	
13:40-14:10	*Panel discussion*	
14:10-14:20	***Closing Remarks***	Conference Chairpersons

MEETING CLOSURE