

**INTERNATIONAL CONFERENCE
ACUTE LYMPHOBLASTIC LEUKAEMIA**

Berlin, Germany
May 17-19, 2019

Chairs: Jan Cools (Leuven), Hervé Dombret (Paris), Adele Fielding (London), Mark Litzow (Rochester)

Friday, May 17, 2019

09:00–09:05	Welcome	Adele Fielding & Hervé Dombret
INTRODUCTORY LECTURES		
Chairs: Charles Mullighan (Memphis) & Elizabeth Macintyre (Paris)		
09:05–09:20	Autoimmunity checkpoints in B-Cell lineage ALL	Markus Müschen (Los Angeles)
09:20–09:25	<i>Discussion</i>	
09:25–09:40	Thymus autonomous T cell development and T-cell acute lymphoblastic leukemia	Hans-Reimer Rodewald (Heidelberg)
09:40–09:45	<i>Discussion</i>	
09:45–10:15	<i>Coffee Break</i>	
SESSION I – MASTER PATHWAYS/TARGETS IN B-CELL PRECURSOR ALL		
Chair: Monika Brüggemann (Kiel)		
10:15–10:35	New genetic entities in BCP-ALL	Emmanuelle Clappier (Paris)
10:35–10:40	<i>Discussion</i>	
10:40–11:00	The revised taxonomy of B-ALL	Charles Mullighan (Memphis)
11:00–11:05	<i>Discussion</i>	
11:05–11:25	Origin, evolution and targeting of childhood leukaemia	Tariq Enver (London)
11:25–11:30	<i>Discussion</i>	
11:30–11:37	<i>IKZF1 deletion with co-existed RAS pathway mutations associated with inferior outcome in pediatric B-ALL in Taiwan</i>	<i>Ying-Jung Huang (Taiwan)</i>
11:37–11:40	<i>Discussion</i>	
11:40–12:00	<i>Panel discussion</i>	
ROUND TABLE 1: ALL PREDISPOSITION AND EARLY INITIATION		
Chair: Franco Locatelli (Rome)		
12:00–12:15	The inherited predisposition to childhood ALL	Jun Yang (Memphis)

12:15-12:30	MLL-rearranged acute lymphoblastic leukemia	Pablo Menendez (Barcelona)
12:30-12:50	<i>Discussion</i>	

SHORT COMMUNICATIONS:

12:50-12:57	<i>Aberrant DNA hypermethylation signature of the LIC compartment in MLL rearranged Acute Lymphoblastic Leukaemia</i>	Quentin Heydt (London)
12:57-13:00	<i>Discussion</i>	
13:00-13:07	<i>Tumor suppression in T-ALL via Ikaros-dependent direct global rearrangement of enhancer and super-enhancer architecture</i>	Sinisa Dovat (Hershey)
13:07-13:10	<i>Discussion</i>	
13:10-13:17	<i>Clinical value of mismatch repair gene deletions in childhood relapsed B-Cell precursor Acute Lymphoblastic Leukemia</i>	Malwine Pogodzinski (Berlin)
13:17-13:20	<i>Discussion</i>	

13:20-14:20 Lunch

SESSION II – MASTER PATHWAYS/TARGETS IN T-ALL

Chair: Jean Soulier (Paris)

14:20-14:35	TCR and T-ALL	Elizabeth Macintyre (Paris)
14:35-14:40	<i>Discussion</i>	
14:40-14:55	Targeting oncogenic NOTCH1 signaling in T-cell acute lymphoblastic leukemia	Jan Cools (Leuven)
14:55-15:00	<i>Discussion</i>	
15:00-15:15	IL7R AND PTEN	João Barata (Lisbon)
15:15-15:20	<i>Discussion</i>	
15:20-15:35	JAK/STAT signaling in T-ALL	Pieter Van Vlierberghe (Ghent)
15:35-15:40	<i>Discussion</i>	
15:40-15:55	Deletion 6q impairs ribosomal and mitochondrial functions to drive leukemia progression in T-ALL	Jean Soulier (Paris)
15:55-16:00	<i>Discussion</i>	
16:00-16:07	<i>The nucleotide kinase Nadk constitutes a metabolic vulnerability of NOTCH1-driven T-ALL</i>	Etienne De Braekeleer (Cambridge)
16:07-16:10	<i>Discussion</i>	
16:10-16:30	<i>Panel discussion</i>	

16:30-17:00 Coffee Break

SESSION III – INDIVIDUAL MANAGEMENT OF ALL

Chair: Dieter Hoelzer (Frankfurt)

17:00-17:15	Precision diagnosis for tailored therapy	Jean-Pierre Bourquin (Zürich)
17:15-17:20	<i>Discussion</i>	
17:20-17:35	Metabolism, disposition, and toxicity of ALL drugs	Mary Relling (Memphis)
17:35-17:40	<i>Discussion</i>	
17:40-17:55	Adolescents and young adults	Josep-Maria Ribera (Barcelona)
17:55-18:00	<i>Discussion</i>	
18:00-18:15	Older patients	Nicola Gökgubet (Frankfurt)
18:15-18:20	<i>Discussion</i>	
18:20-18:27	<i>Commonly used chemotherapy drugs differentially determine microenvironment-mediated protection, via mitochondrial transfer, to B-precursor Acute Lymphoblastic Leukaemia cells</i>	Richard Burt (London)
18:27-18:30	<i>Discussion</i>	
18:30 -18:50	<i>Panel discussion</i>	
19:00-20:30	<i>Mentored poster walks and welcome get-together</i>	
	- Biology poster walk: Emmanuelle Clappier (Paris) and Jan Cools (Leuven)	
	- Clinical poster walk: Josep-Maria Ribera (Barcelona) and Nicola Gökgubet (Frankfurt)	

Saturday, May 18, 2019

07:50-8:50 Simultaneous Meet the Expert sessions:

- L-Asparaginase efficacy monitoring	Nicolas Boissel (Paris)
- CNS involvement prophylaxis and therapy	Mark Litzow (Rochester)
- Minimal Residual Disease, assessment techniques	Monika Brüggemann (Kiel)

Breakfast will be available from 8:30

09:00-10:00 **SATELLITE SYMPOSIUM**
Ph+ ALL : time for deeper control
Chair: Oliver Ottmann
Speakers: Heike Pfeifer and Oliver Ottmann

This educational symposium is organized and funded by Incyte.

10:00-10:30 *Coffee break*

SESSION IV – IMMUNOTHERAPY FOR ALL

Chair: Nicola Gökgubet (Frankfurt)

10:30-10:45	CD20 in ALL	Adele Fielding (London)
10:45-10:50	<i>Discussion</i>	