

Opening Symposium of the new headquarters  
of the Josep Carreras Leukaemia Research Institute (IJC)

## Genetics and Epigenetics of Leukemia and Lymphoma: From Knowledge to Applications

September 19-20<sup>th</sup>, 2019

Auditorium of the Josep Carreras Leukaemia Research Institute (IJC) at Can Ruti Campus (Badalona)

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**Organizers: Anna Bigas, Marcus Buschbeck,  
Manel Esteller, Pablo Menéndez and Francesc Solé**

### PROGRAM

#### Thursday September 19<sup>th</sup>

08:30 – 08:55h.      **Registration**

08:55 – 09:00h.      **Welcome**

09:00 – 09:30h.      **Opening Lecture - Louis Staudt**

*Center for Cancer Research, National Cancer Institute, NIH, Bethesda*

“Precision therapy of lymphoma guided by genomic profiling”

09:30 – 11:00h.      **Session 1 - Stem Cells I**

- Senior lecture (30+5)

**Pablo Menendez**

*Josep Carreras Leukaemia Research Institute (IJC) and ICREA, Barcelona*

“Cell-of-origin and potential immunotherapeutic targets in infant MLL-rearranged B-Cell ALL”

- Senior lecture (30+5)

**Matthias Merckenschlager**

*MRC London Institute of Medical Sciences, Imperial College London, London*

“Gene regulation in 3D”

- Selected Short talk (10)

11:00 – 11:30h.      Coffee break

11:30 – 13:15h.

**Session 2 - Stem Cells II**

- Senior lecture (30+5)

**Henk Stunnenberg**

*Radboud University, Nijmegen*

“Single cell omics in cancer research”

- Senior lecture (30+5)

**Veronika Sexl**

*Institute of Pharmacology and Toxicology, Vienna*

“CDK6 – at the interface of Rb and p53”

- Selected Short talk (10)

13:15 – 15:00h.

**Lunch and Poster Session**

15:00 – 16:30h.

**Session 3 - Genetics I**

- Senior lecture (30+5)

**Christoph Plass**

*German Cancer Research Center (DKFZ), Heidelberg*

“Chromosome 7 abnormalities in AML”

- Senior lecture (30+5)

**Jose Angel Martinez-Climent**

*Center for Applied Medical Research, University of Navarra, Pamplona*

“Modeling genetic heterogeneity and immune diversity of multiple myeloma”

- Selected Short talk (10)

16:30 – 17:00h.

Coffee break

17:00 – 18:30h.

**Session 4 - Genetics II**

- Senior lecture (30+5)

**Miguel Angel Piris**

*Fundación Jimenez Díaz, Madrid*

“T-cell lymphoma, tumor-stroma interaction “

- Senior lecture (30+5)

**Almudena Ramiro**

*Spanish National Center for Cardiovascular Research (CNIC), Madrid*

“AID-induced mutagenesis in normal and lymphoma B cells”

- Selected Short talk (10)

18:30 – 19:30h. **Poster session, Cocktail and Networking**

### Friday September 20th

09:00 – 11:00h. **Session 5 - Epigenetics and Transcription I**

- Senior lecture (30+5)

**Manel Esteller**

*Josep Carreras Leukaemia Research Institute (IJC), UB and ICREA, Barcelona*

“Epigenetic contribution to hematological malignancies”

- Senior lecture (30+5)

**Ari Melnick**

*Weill Cornell Medicine, New York*

“Harnessing the Epigenome for Immunotherapy of B-cell Lymphoma”

- Senior lecture (30+5)

**Anna Bigas**

*Institut Hospital del Mar d'Investigacions Mèdiques (IMIM), Barcelona*

“Unravelling the role of beta-catenin in T Acute lymphoblastic leukemia”

- Selected Short talk (10)

11:00 – 11:30h. Coffee break

11:30 – 13:30h. **Session 6 - Epigenetics and Transcription II**

- Senior lecture (30+5)

**Meinrad Busslinger**

*Research Institute of Molecular Pathology, Vienna*

“The role of Pax5 in the development of B cell leukemia”.

- Senior lecture (30+5)

**Reiner Siebert**

*Institute of Human Genetics and Ulm University Medical Center, Ulm*

“Multi-layer sequence-based OMICs analyses in germinal center B-cell derived lymphomas”.

- Senior lecture (30+5)

**Felipe Prosper**

*Center for Applied Medical Research, University of Navarra, Pamplona*

“Development and preclinical activity of new small molecules targeting epigenetics”

- Selected Short talk (10)

13:30 – 14:30h. **Lunch and Poster Session**

14:30 – 16:30h. **Session 7 - Therapies**

- Senior lecture (30+5)

**Mazyar Shadman**

*Fred Hutchinson Cancer Research Center, University of Washington, Seattle*

“Current treatment options for CLL with P53 aberration”

- Senior lecture (30+5)

**Guillermo García-Manero**

*University of Texas MD Anderson Cancer Center, Houston*

“Clinical development of epigenetic modifiers in human leukemia”

- Senior lecture (30+5)

**Maria-Victoria Mateos**

*University Hospital Salamanca, Salamanca*

“Roadmap to achieve the cure in Myeloma or is the early detection and intervention in Myeloma the way to achieve the cure?”

- Selected Short talk (10)

16:30 – 17:00h. Coffee break

17:00 – 18:00h. **Session 8 - Genetics, Epigenetics and Transcription**

- Senior lecture (30+5)

**Adolfo Ferrando**

*Institute for Cancer Genetics, Columbia University, New York*

” Genetics and mechanisms of acute lymphoblastic leukemia”

- Senior lecture (30+5):

**Thomas Graf**

*Centre for Genomic Regulation (CRG), Barcelona*

“How transcription factors reprogram immune cells”

18:00 – 18.30h. Closing Lecture

**Michel Sadelain**

*Center for Cell Engineering, Memorial Sloan Kettering Cancer Center,*

*New York*

“New directions in CAR therapy”

18:30 – 19:00h. **Final remarks and Farewell**