Frankfurt Symposium

Molecular Pathogenesis of Leukemia: Insights and Challenges

Sept. 16-18, 2010

Thursday, September 16th 2010

19.00 Speakers Dinner

Friday, September 17th 2010

8.30 - 8.35 Welcome
Hubert Serve

Chromosomal Translocations - Chair: Rose Ann Padua

8.35 - 9.00 Molecular mechanisms in therapy-related leukemia
David Grimwade (London/UK)

9.00 - 9.25 Oncogenic mechanisms of leukemic fusion proteins
Owen Williams (London/UK)

9.25 - 9.50 Modelling the formation of chromosomal translocations and the consequences for transcription regulation in cancer
Terry Rabitts (Leeds/UK)

9.50 - 10.15 t(6;9) positive AML: DEK/CAN, the mysterious fusion protein
Martin Ruthardt (Frankfurt/Germany)

10.15 - 10.45 coffee break

Stem Cells - Chair: Rose Ann Padua

10.45 - 11.10 Leukemic stem cells in Acute Myeloid Leukemia
Paresh Vyas (Oxford/UK)

11.10 - 11.35 Fearful Symmetry: Developmental mechanisms in stem cells and cancer
Thanhthi Phan (Durham/USA)

11.35 - 12.00 Targeting myeloid leukemic stem cells in animal models
Christine Chapuis (Paris/France)

12.00 - 12.25 ABT-737 BCL-2 inhibitor targets leukemic stem cells in mouse models of (pre)leukemia
Rose Ann Padua (Paris/France)

12.25 - 12.50 p26INCA1 is a novel p26 inhibitor that prevents leukemia exhaustion
Carsten Müller-Tidow (Münster/Germany)

12.50 - 15.05 lunch and poster session

Special Lunch Symposium

13.30 - 14.30 Workshop: COST/ELN activities - „Joint EU research opportunities on AML/MDS“
Ken Mills (Belfast/UK)

15.05 - 15.30 The RUNX1 Transcription Factor in Acute Leukemia
Carol Stocking (Hamburg/Germany)

15.30 - 15.55 An RNAi screen identifies factors that synergize with Runx1 in hematopoietic cells
Frank Buchholz (Dresden/Germany)

Signal Transduction - Chair: Hubert Serve

15.55 - 16.20 Escape from cytokine control: the role of SOCS proteins in FLT3-ITD mediated myeloproliferative disease
Christian Brands (Frankfurt/Germany)

16.20 - 16.45 Oncogenic signaling by G-CSF receptor mutants in the leukemic progression of severe congenital neutropenia
Iva Touw (Rotterdam/The Netherlands)

16.45 - 18.00 coffee break - walk in park

18.00 - 18.25 Molecular pathogenesis of human myeloproliferative neoplasms
Tony Green (Cambridge/UK)

18.25 - 18.50 PIM kinases in FLT3-ITD mediated leukemia: an essential function of PIM1 for early bone marrow cell homing
Justus Duyster (Munich/Germany)

18.50 - 19.15 c-Kit-associated myeloid leukaemia and its dependence on FLT3 signaling
Wallace Longdon (Perth/Australia)

20.00 dinner speakers and guests (on registration)

Saturday, September 18th 2010

8.30 - 8.35 Welcome
Hubert Serve

Epigenetics - Chair: Rolf Marschalek

8.35 - 9.00 Integrated analysis of methylation and expression in MDS and AML
Ken Mills (Belfast/UK)

9.00 - 9.25 title to be announced
Stephen Boylan (Baltimore/USA)

9.25 - 9.50 Epigenetic control of hematopoietic and leukemic stem cells
Frank Rasenbauer (Berlin/Germany)

9.50 - 10.15 Pathological mechanisms in t(4;11) leukemia: epigenetic and transcriptional dysregulation
Rolf Marschalek (Frankfurt/Germany)

10.15 - 10.45 coffee break

Oncogene Function - Chair: Rolf Marschalek

10.45 - 11.10 Pathogenesis of Acute Lymphoblastic Leukemia
Phillip Koeffler (Los Angeles/USA)

11.10 - 11.35 Acute myeloid leukemia with mutated nucleophosmin (NPM1): is it an entity?
Brunangelo Falini (Perugia/Italy)

11.35 - 12.00 Modeling APL pathogenesis through therapy response
Hugues de Thé (Paris/France)

12.00 - 13.00 lunch

13.00 - 13.25 Ubiquitin networks in cancer pathogenesis
Ivan Dikic (Frankfurt/Germany)

13.25 - 13.50 Role of Myc in the tumor and its environment
Gerard Evan (Cambridge/UK)

13.50 - 14.05 Therapeutic targeting of abnormal repair of double strand breaks in leukemias
Feyn Rassool (Baltimore/USA)

14.05 - 14.15 Concluding Remarks
Hubert Serve

Deadline for registration: July 15th

Scientific Organizing Committee
Hubert Serve, Department of Medicine, Hematology/Oncology, Goethe University, Frankfurt
Rolf Marschalek, Inst. of Pharm. Biology, Biocenter, Goethe University, Frankfurt
Rose Ann Padua, Institut Universitaire d’Hematologie, Hôpital Saint-Louis, Paris

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Event Location:
Kurfürstliches Schlosshotel Weyberhöfe; 63877 Sailauf / Aschaffenburg; www.veyberhoefe.de

Registration and further Information:
www.uct-frankfurt.de ➟ NEWS