Wednesday, March 9, 2016 - c/o IEO hospital

**h. 15.30/16.45 Registration**

**h. 16.45/17.00 Opening Remarks**

**Keynote Lectures**

**h. 17.00/18.00 Michael Stratton**  
Wellcome Trust Sanger Institute, Hinxton, UK  
"Signatures of Mutational Processes in Cancer"

**h. 18.00/19.00 Stefano Pileri**  
European Institute of Oncology, Milan, Italy  
"Update of the WHO Classification of Tumours of the Hematopoietic and Lymphoid Tissue: Rationale and Implications"

**h. 19.00/20.00 Felice Bombaci**  
Patient Advocate, Gruppo All. Pazienti Leucemia Mieloide Cronica, Rome, Italy  
"The Present Scenario of Hematological Malignancies: the Patients’ View-point Based on the Experience Gained in the Field of Chronic Myelogeneous Leukaemia"

**h. 20.00 Welcome Aperitif**
Thursday, March 10, 2016 - c/o IEO at Campus

MORNING SESSION: STEM CELLS (CHAIRPERSON: JOHN E. DICK)

h. 8.30/9.00 Fernando Camargo
Harvard University, Boston, USA
"Clonal Dynamics of Hematopoiesis in Situ"

h. 9.00/9.30 John E. Dick
University Health Network, Toronto, Canada
"On the Origins of Relapse in AML"

h. 9.30/9.45 Selected abstract presentation

h. 9.45/10.15 Ravindra Majeti
Stanford School of Medicine, Stanford, USA
"Pre-leukemic Hematopoietic Stem Cells in Human Acute Myeloid Leukemia"

h. 10.15/10.35 Coffee break

MORNING SESSION: ACUTE MYELOID LEUKEMIA (CHAIRPERSON: BRUNANGELO FALINI)

h. 10.35/11.05 Scott A. Armstrong
Memorial Sloan Kettering Cancer Center, New York, USA
"Steam Cell Programs and Histone Methylation in Leukemia"

h. 11.05/11.35 Brunangelo Falini
University of Perugia, Perugia, Italy
"NPM1-Mutated AML: Biological and Clinical Features"

h. 11.35/12.05 Christian Thiede
University Hospital Carl Gustav Carus, Dresden, Germany
"Role of Molecular Genetics for Classification and Treatment Response in AML"

h. 12.05/12.35 Hartmut Döhner
University of Ulm, Ulm, Germany
"Translating Molecular Genetics of AML into Clinical Care"

ITALIAN ECM CREDITS
The Hematological Malignancies Symposium is granted 0.20 ECM credits per hour of attendance for a maximum of 5 ECM credits. To get the ECM credits the attendees will have to sign a declaration stating the number of attended hours, as well as an evaluation form. No learning questionnaire will be requested.
**AFTERNOON SESSION: PERIPHERAL T-CELL LYMPHOMA (CHAIRPERSON: RANJANA HIRA ADVANI)**

h. 15.00/15.30 Elaine S. Jaffe  
*National Cancer Institute, Bethesda, USA*  
"New Insights Into the Classification and Biology of Extranodal T-Cell Lymphomas"

h. 15.30/16.00 Philippe Gaulard  
*INSERM, Créteil, France*  
"Evolving Concepts in Follicular Helper T-Cell (TFH)-Related Lymphomas?"

h. 16.00/16.15 Selected abstract presentation

h. 16.15/16.45 Ranjana Hira Advani  
*Stanford Cancer Institute, Stanford, USA*  
"How I Treat Peripheral T-Cell Lymphoma"

**h. 16.45/17.05 Coffee break**

**AFTERNOON SESSION: DIFFUSE LARGE B-CELL LYMPHOMA (CHAIRPERSON: RICCARDO DALLA FAVERA)**

h. 17.05/17.35 Riccardo Dalla Favera  
*Columbia University, New York, New York, USA*  
"Molecular Pathogenesis of Diffuse Large B-Cell Lymphoma"

h. 17.35/18.05 Louis M. Staudt  
*National Cancer Institute, NIH, Bethesda, USA*  
"New Therapeutic Strategies in Lymphoma Inspired by Functional and Structural Genomics"

h. 18.05/18.35 Anas Younes  
*Memorial Sloan Kettering Cancer Center, New York, USA*  
"Novel Mechanism-based Treatment Strategies for DLBCL"

h. 18.35/19.05 Margaret A. Shipp  
*Dana-Farber Cancer Institute, Boston, USA*
"Targetable Genetic Bases of Immune Evasion in Lymphoma"

Friday, March 11, 2016 - c/o IEO at Campus
MORNING SESSION: MYELODYSPLASTIC SYNDROME (CHAIRPERSON: MARIO CAZZOLA)

h. 8.30/9.00 Simona Colla
MD Anderson Cancer Center, Houston, USA
"Targeting Innate Immune Alterations in MDS"

h. 9.00/9.30 Mario Cazzola
Fondazione IRCCS Policlinico San Matteo, Pavia, Italy
"Aberrant RNA Splicing in Myelodysplasia"

h. 9.30/9.45 Selected abstract presentation

h. 9.45/10.15 Maria Teresa Voso
Tor Vergata University, Rome, Italy
"Epigenetic Changes in MDS and Response to Hypomethylating Treatment"

h. 10.15/10.35 Coffee break

MORNING SESSION: ACUTE LYMPHOBLASTIC LEUKEMIA (CHAIRPERSON: ALESSANDRO RAMBALDI)

h. 10.35/11.05 Adolfo A. Ferrando
Columbia University, New York, New York, USA
"Oncogenic Signaling Pathways and Chemotherapy Resistance in Acute Lymphoblastic Leukemia"

h. 11.05/11.35 Charles G. Mullighan
St. Jude Children’s Research Hospital, Memphis, USA
"Genetic Basis of Treatment Failure in Acute Lymphoblastic Leukemia"

h. 11.35/11.50 Selected abstract presentation

h. 11.50/12.20 Alessandro Rambaldi
A.O. Papa Giovanni XXIII, Bergamo, Italy
"Treatment of Adult ALL"

h. 12.20/13.30 Lunch
h. 13.30/14.50 Poster Session II

**AFTERNOON SESSION: CHRONIC LYMPHOCYTIC LEUKEMIA (CHAIRPERSON: MICHAEL J. KEATING)**

h. 14.50/15.20 Davide Rossi
*Università degli Studi del Piemonte Orientale, Novara, Italy*
"The Clinical Implications of Gene Mutations in CLL"

h. 15.20/15.50 Stephan Stilgenbauer
*University of Ulm, Ulm, Germany*
"From Biology to Therapy, the Model of CLL"

h. 15.50/16.05 Selected abstract presentation

h. 16.05/16.35 Michael J. Keating
*MD Anderson Cancer Center, Houston, USA*
"The Changing World of Chronic Lymphocytic Leukemia"

h. 16.35/16.55 Coffee break

**AFTERNOON SESSION: FOLLICULAR LYMPHOMA (CHAIRPERSON: RANDY D. GASCOYNE)**

h. 16.55/17.25 Reiner Siebert
*University of Kiel, Kiel, Germany*
"(Epi)Genomic Characterisation of Germinal Center B-cell Derived Lymphomas"

h. 17.25/17.55 Randy D. Gascoyne
*BC Cancer Agency, Vancouver, Canada*
"Genomic Alterations Defining Transformation and Progression in Follicular Lymphoma"

h. 17.55/18.10 Selected abstract presentation

h. 18.30 Social Dinner

**Saturday, March 12, 2016 - c/o IEO at Campus**

**MORNING SESSION: NEW THERAPEUTIC MODALITIES (CHAIRPERSON: IRVING WEISSMAN)**

h. 9.00/9.30 Carl H. June
University of Pennsylvania, Philadelphia, USA
"Engineering T Cells for Cancer Therapy"

h. 9.30/10.00 Irving Weissman
Stanford University School of Medicine, Stanford, USA
"Normal and Neoplastic Stem Cells"

h. 10.00/10.15 Selected abstract presentation

h. 10.15/10.45 Ronald Levy
Stanford University School of Medicine, Stanford, USA
"Immunotherapy of Lymphoma. Targeting the Tumor and Targeting the Host"

h. 10.45/11.05 Coffee break

MORNING SESSION: NEW MODELS FOR CLINICAL TRIALS (CHAIRPERSON: LUCA PANI)

h. 11.05/11.35 Wyndham Wilson
National Cancer Institute, NIH, Bethesda, USA
"Role of Circulating Tumor DNA in Clinical Trials"

h. 11.35/12.05 Denis Lacombe
European Organization for Research and Treatment of Cancer, Brussels, Belgium
"Challenges in Cancer Clinical Research"

h. 12.05/12.20 Selected abstract presentation

h. 12.20/12.50 Luca Pani
Agenzia Italiana del Farmaco, Rome, Italy
"The Adaptive Pathways Approach"

h. 12.50/14.00 Lunch

AFTERNOON SESSION: MECHANISMS OF LEUKEMOGENESIS (CHAIRPERSON: TIMOTHY LEY)

h. 14.00/14.30 Daniel G. Tenen
Cancer Science Institute of Singapore, Singapore
"Regulation of Myeloid Transcription Factors, DNA Methylation, and AML by Noncoding RNAs"
h. 14:30/15.00 **Timothy Ley**  
*Washington University, St. Louis, USA*  
"The AML Genome(s)"

h. 15.00/15.15 Selected abstract presentation

h. 15.15/15.45 **Pier Giuseppe Pelicci**  
*European Institute of Oncology, Milan, Italy*  
"Mechanism of Biological Heterogeneity in Leukemias"

h. 15.45/16.05 Coffee break

**AFTERNOON SESSION: MECHANISMS OF LYMPHOMAGENESIS (CHAIRPERSON: CARLO M. CROCE)**

h. 16.05/16.35 **Frederick Alt**  
*Harvard University, Boston, USA*  
"Roles of Chromosomal Loop Domains Direct Antigen Receptor Gene Recombination: Implications for Normal Lymphocyte Development and B and T Cell Lymphoma"

h. 16.35/17.05 **Klaus Rajewsky**  
*Max Delbrück Center for Molecular Medicine, Berlin, Germany*  
"Mechanisms Operating in Germinal Center Lymphomagenesis and Tumor Immune Surveillance"

h. 17.05/17.20 Selected abstract presentation

h. 17.20/17.50 **Carlo M. Croce**  
*The Ohio State University, Columbus, USA*  
"Micro RNA in Leukemia and Lymphoma"

h. 17.50/18.20 **Closing remarks by Pier Giuseppe Pelicci**  
*European Institute of Oncology, Milan, Italy*

End of the symposium