

PROGRAM
September 15th

9:00am-9:10am

Opening

Toshiki Watanabe, IACRLRD president
Chair of XXV IACRLRD Symposium 2011
The University of Tokyo, Japan

9:10am-9:40am

John Moloney Memorial Lecture

Chair: **Mitsuaki Yoshida**, Cancer Institute of JFCR, Japan

Luigi Chieco-Bianchi, University of Padova, Italy
Contributions of comparative studies of leukemia to advances in cancer research

9:40am-10:40am

Symposium1 Animal Models and Basic Research

Chairs: **Keiya Ozawa**, Jichi Medical University, Japan
Jacques Ghysdael, Institut Curie, France

Neal Young, National Heart, Lung, and Blood Institute (NHLBI), USA
Marrow failure, telomere attrition, and cancer

Jacques Ghysdael, Institut Curie, France
Dissection of pro-oncogenic pathways in mouse models of lymphoid leukemia

Hiromitsu Nakauchi, The Institute of medical Science, The University of Tokyo, Japan
Non-myelinating Schwann cells in the bone marrow niche maintain hematopoietic stem cell hibernation through TGF-beta signaling

10:40am-11:00am *Coffee Break*

11:00am-12:40pm

Symposium1 Animal Models and Basic Research

Chairs: **Toshio Kitamura**, The Institute of medical Science, The University of Tokyo, Japan

Riccardo Dalla-Favera, Columbia University, USA

Stefan K. Bohlander, Philipps University Marburg, Germany
Challenges to Leukemia Animal Models in the Era of Next Generation Sequencing

Cestmir Altaner, Cancer Research Institute, Slovak Academy of Sciences, Slovakia
Human adipose tissue-derived mesenchymal stem cell mediated cytosine deaminase/5-fluorocytosine prodrug therapy in intracranial glioblastoma C6 rat model

John H. Groffen, Childrens Hospital Los Angeles, USA
The Philadelphia Translocation: From Molecular Characterization to Mouse Models

Seishi Ogawa, The University of Tokyo, Japan
Whole exome sequencing reveals a novel gene pathway deregulated in myeloid dysplasias

Toshio Kitamura, The Institute of medical Science, The University of Tokyo, Japan
Two types of C/EBPα mutations collaborate in inducing leukemia in a mouse BMT model.

12:40pm-2:00pm

Lunch & Poster display

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2:00pm-3:20pm

Symposium 2 MDS

*Chairs: **Michael Lübbert**, University of Freiburg, Medical Center, Germany
Yasushi Miyazaki, Nagasaki University Graduate School of Biomedical Sciences, Japan*

Michael Lübbert, University of Freiburg, Medical Center, Germany
Epigenetic approaches in MDS/AML treatment

H.Phillip Koeffler, CEDARS-SINAI Medical Center / UCLA, USA
LNK and other aspects of MPD

Yasushi Miyazaki, Nagasaki University Graduate School of Biomedical Sciences, Japan
MDS among Atomic Bomb survivors

Jun-ichi Nishimura, Osaka University Graduate School of Medicine, Japan
Paroxysmal Nocturnal Hemoglobinuria in Bone Marrow Failure

3:20pm-3:40pm

Coffee Break

3:40pm-5:20pm

Symposium 3 MPD/CML

*Sponsored by **Novartis Pharma K.K.***

*Chairs: **Andreas Hochhaus**, Universitätsklinikum Jena, Germany
Arinobu Tojo, The University of Tokyo, Japan*

Stephen David Nimer, Memorial Sloan-Kettering Cancer Center, USA
Regulation of PRMTs in myeloid disorders

Anna Grigorievna Turkina, FSBI Hematology Research Center, Russia
Clinical Significance of Additional Chromosomal Abnormalities in Ph-Positive and Ph-Negative Cells in Patients with Chronic Myeloid Leukemia Treated by Tyrosine Kinase Inhibitors

Andreas Hochhaus, Universitätsklinikum Jena, Germany
Mutations in the BCR-ABL kinase and the second generation TKI

François Gaudeffroy Guilhot, CIC INSERM 0802, France)
The use of smo inhibitors or pegylated form of interferon for targeting chronic myeloid stem cells

Susanne Sauße, Medizinische Fakultät Mannheim der Universität Heidelberg, Germany
Prognostic factors in CML

5:30pm-6:30pm

Welcome Reception

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September 16th

9:00am-9:20am

Opening of Jubilee Lectures

Toshiki Watanabe, IACRLRD president
Chair of XXV IACRLRD Symposium 2011
The University of Tokyo, Japan

9:20am-10:00am

Special Lecture 1

Chair: **Toshiki Watanabe**, *The University of Tokyo, Japan*

Robert C. Gallo, Institute of Human Virology of the University of Maryland
School of Medicine, USA
Approaching a Successful HIV Preventive Vaccine

10:00am-10:40am

Special Lecture 2

Chair: **Koichi Akashi**, *Kyushu University, Japan*

Toshio Suda, Keio University, Japan
Hematopoietic Stem Cells in the Hypoxic Niches

10:40am-11:00am *Coffee Break*

11:00am-11:40am

Special Lecture 3

Chair: **Seishi Ogawa**, *Cancer Genomics Project, University of Tokyo, Japan*

Riccardo Dalla-Favera, Columbia University, USA
Oncogenomics of B cell lymphoma

11:40am-noon

Travel Award and Group Photo

noon-1:00pm

Lunch & Poster

1:00pm-1:40pm

Special Lecture 4

Chair: **Hervé Dombret**, *University Paris 7 / Saint-Louis Hospital, France*

Clara D. Bloomfield, Ohio State University, USA
Clinical Use of Molecular Markers in Curing Acute Myeloid
Leukemia

1:40pm-2:20pm

Special Lecture 5

Chair: **François Guilhot**, *CIC Inserm 0802, France*

Rüdiger Hehlmann, Universität Heidelberg, Germany
Approaching a cure in chronic myeloid leukemia

2:20pm-2:40pm

Coffee Break

2:40pm-4:00pm

Symposium 4 AML1

Chairs: **David Grimwade**, King's College London School of Medicine, United Kingdom

Tomoki Naoe, Nagoya University Graduate School of Medicine, Japan

Zwi N. Berneman, University of Antwerp and Antwerp University Hospital, Belgium
Dendritic cell vaccination as a treatment to prevent relapse in acute myeloid leukemia

Koichi Akashi, Kyushu University, Japan
Developmental biology of leukemia stem cells

Guido Marcucci, The Ohio State University Med Center/ CCC, USA
MicroRNAs in AML: prognostic and therapeutic relevance

David Grimwade, King's College London School of Medicine, United Kingdom
Molecular mechanisms in therapy-related leukaemias

4:00pm-4:20pm

Coffee Break

4:20pm-5:40pm

Symposium 5 AML2

Chairs: **Yuzuru Kanakura**, Osaka University Graduate School of Medicine, Japan

Clara D. Bloomfield, The Ohio State University, USA

Tomoki Naoe, Nagoya University Graduate School of Medicine, Japan
Targeting the receptor Tyrosine kinase-STAT axis in acute myeloid leukemia

Hervé Dombret, University Paris 7 / Saint-Louis Hospital, France
Curability of older AML

Mineo Kurokawa, Graduate School of Medicine, The University of Tokyo, Japan
Pathogenetic significance of deregulated transcription factors in acute leukemia

Christian Thiede, University Hospital Carl Gustav Carus Dresden, Germany
Several novel mutations increase the molecular heterogeneity in AML: Impact on the prognostic assessment

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9:00am-9:20am

Yohei Ito Memorial Lecture

*Chair: **Rüdiger Hehlmann**, Universität Heidelberg, Germany*

Jan Svoboda, Institute of Molecular Genetics AS CR, Czech Republic
Cell fusion and retrovirus rescue from non permissive cells-back-ground and present molecular analysis

9:20am-11:00am

Symposium 6 Lymphoid leukemias:ALL/CLL

*Sponsored by **Chugai Pharmaceutical Co., Ltd.***

*Chairs: **Dieter Hoelzer**, Onkologikum, Frankfurt am Museumsufer, Germany
Claudia D Baldus, Charité, Campus Benjamin Franklin, Germany*

Andrea Biondi, University of Milano-Bicocca; Ospedale S.Gerardo/ Fondazione MBBM, Italy
Childhood Acute Lymphoblastic Leukemia: where are we?

Dieter Hoelzer, Onkologikum, Frankfurt am Museumsufer, Germany
Current Strategies and Future Options in Adult ALL

Claudia D Baldus, Charité, Campus Benjamin Franklin, Germany
Biology and clinical significance of molecular alterations in adult ALL

Nora C Heisterkamp, Childrens Hospital Los Angeles, USA
Approaches to overcome environmentally-mediated drug resistance in ALL

Ritsuro Suzuki, Nagoya University, Japan
Leukemic presentation of lymphoid malignancy with special reference to NK-cell neoplasms.

11:00am-11:20am *Coffee Break*

11:20am-12:40pm

Symposium 7 Lymphomas and Myeloma

*Sponsored by **Eizai Co., Ltd.***

*Chairs: **Masahiro Kizaki**, Saitama Medical Center, Saitama Medical University, Japan*

***Anas Younes**, MD Anderson, USA*

Masahiro Kizaki, Saitama Medical Center, Saitama Medical University, Japan
New therapeutic approach for multiple myeloma: Development of novel molecular targeting agents

Robert Baiocchi, The Ohio State University, USA
Discovering novel targets for mantle cell lym

Anas Younes, MD Anderson, USA
New treatments in Hodgkin disease

Kensei Tobinai, National Cancer Center Hospital, Japan
Treatment of T/NK-cell lymphoma: Japanese perspective

12:40pm-1:40pm **Lunch & Poster**

International Symposium: Progress in HTLV-1 Research

1:40pm-3:20pm

Symposium8 HTLV-1 (1)

*Chairs: David Brighty, The University of Dundee, Scotland
Jun-ichi Fujisawa, Kansai Medecal University, Japan*

Luc Willems, FNRS (Belgian National Fund for Scientific Research) at ULg
(University of Liège), Belgium

Novel antiretroviral therapies for BLV and HTLV

Renaud Mahieux, Ecole Normale Supérieure de Lyon, France

HTLV-1 and HTLV-2 viruses similarities and major differences

Maria Isabel Thoulouze, Institut Pasteur, France

Viral biofilms: a new infectious entity and a new mode of transmission for HTLV-1

Genoveffa Franchini, National Cancer Institute/National Institute of Health, USA

Genetic deterrents for HTLV-1 persistence

Vincenzo Ciminale, University of Padova, Italy

Complex strategies of HTLV-1 expression and control of host cell turnover

3:20pm-3:40pm

Coffee Break

3:40pm-5:00pm

Symposium9 HTLV-1 (2)

*Chairs: Masao Seto, Aichi Cancer Center Research Institute, Japan
William Hall, University College Dublin, Ireland*

Charles R. Bangham, Imperial College London, United Kingdom

Quantification of HTLV-1 clonality in leukaemia and non-malignant infection

Steve Jacobson, National Institute of Neurological Disorders and Stroke,
National Institutes of Health, USA

Targeted Therapy for HTLV-1-Associated Myelopathy / Tropical Spastic Paraparesis

Masao Matsuoka, Institute for Virus Research, Kyoto University, Japan

Molecular mechanisms of pathogenesis by HTLV-1

Hideki Hasegawa, National Institute of Infectious Diseases, Japan

Attempt of new treatment in Adult T-cell Leukemia/Lymphoma (ATLL) mouse model

5:00pm-5:20pm

Coffee Break

5:20pm-6:40pm

Symposium 10 HTLV-1 / ATL

Chairs: **Kunihiro Tsukasaki**, Nagasaki University, Japan
Renaud Mahieux, Ecole Normale Supérieure de Lyon, France

Masao Seto, Aichi Cancer Center Research Institute, Japan
Frequent clonal evolution takes place in ATL patients

Atae Utsunomiya, Imamura Bun-in Hospital, Japan
Recent advances in allogeneic hematopoietic stem cell transplantation for ATL

Ali Bazarbachi, American University of Beirut, Lebanon
Can we cure adult T cell leukemia?

Takashi Ishida, Nagoya City University Graduate School of Medical Sciences, Japan
Development of the CCR4-targeted mAb therapy for Adult-T-cell leukemia/lymphoma (ATL)

6:40pm-6:50pm

Closing

Toshiki Watanabe, IACRLRD president
Chair of XXV IACRLRD Symposium 2011
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