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## Saturday 17 September 2011

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- 11:15 - 13:15 **Arrival and Registration**  
ATC Main Entrance
- 13:15 - 13:30 **Welcome and Opening Remarks**  
Klaus Tschira Auditorium
- 13:30 - 18:00 **Session 1: Somatic Genetics I**  
**Chaired by David Tuveson and Ewan Birney**  
Klaus Tschira Auditorium
- 18:00 - 19:00 **Keynote Lecture: Lynda Chin**  
Klaus Tschira Auditorium
- 19:00 - 20:30 **Dinner**  
ATC Canteen

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## Sunday 18 September 2011

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- 09:00 - 12:30 **Session 2: Somatic Genetics II / Epigenetics**  
**Chaired by James R. Downing**  
Klaus Tschira Auditorium
- 12:30 - 14:30 **Poster Session I and Lunch**  
ATC Foyer and Helix A
- 14:30 - 18:30 **Session 3: Mouse Genetics**  
**Chaired by Lynda Chin**  
Klaus Tschira Auditorium
- 18:30 - 23:00 **Gala Dinner and Live Music**  
ATC Canteen and ATC Rooftop Lounge

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## Monday 19 September 2011

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- 09:00 - 13:00 **Session 4: Computational**  
**Chaired by Peter Lichter**  
Klaus Tschira Auditorium
- 13:00 - 15:00 **Poster Session II and Lunch**  
ATC Foyer and Helix A
- 15:00 - 16:00 **Session 5: Somatic Genetics III**  
**Chaired by Andy Futreal**  
Klaus Tschira Auditorium
- 16:00 - 17:00 **Keynote Lecture: Michael Stratton**  
Klaus Tschira Auditorium
- 17:00 - 17:15 **Closing Remarks and Poster Prize**  
Klaus Tschira Auditorium

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## Saturday 17 September 2011

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11:15 - 13:15	<b>Arrival and Registration</b> ATC Main Entrance	
13:15 - 13:30	<b>Welcome and Opening Remarks</b> Klaus Tschira Auditorium	
13:30 - 18:00	<b>Session 1: Somatic Genetics I</b> <b>Chaired by David Tuveson and Ewan Birney</b> Klaus Tschira Auditorium	
13:30 - 14:00	<b>Somatic genomic alterations in chronic lymphocytic leukemia</b> Elias Campo <i>Hospital Clinic, University of Barcelona, Spain</i>	1
14:00 - 14:30	<b>Genomics of benign and malignant liver tumors</b> Jessica Zucman-Rossi <i>Inserm U674, France</i>	2
14:30 - 14:45	<b>Evolutionary modeling for characterizing hitchhiker and functional DNA methylation patterns in normal and cancer epigenomes</b> Netta Mendelson Cohen <i>Weizmann Institute of Science, Israel</i>	3
14:45 - 15:00	<b>Patterns of genomic alteration in breast cancer evidence frequent whole genome duplication during cancer progression</b> Tatiana Popova <i>Institute Curie, France</i>	4
15:00 - 15:30	<b>Coffee Break</b> ATC Foyer	
15:30 - 16:00	<b>Undiscovered country: the sequencing of rare and unusual tumors</b> David Huntsman <i>BC Cancer Agency, Canada</i>	5

**EMBO|EMBL Symposium: Cancer Genomics**

16:00 - 16:30	<b>Molecular pathology of acute leukemia</b> James R. Downing <i>St. Jude Children's Research Hospital, United States of America</i>	6
16:30 - 17:00	<b>Cancer genome analysis: lessons learned</b> Gad Getz <i>Broad Institute, United States of America</i>	7
17:00 - 17:30	<b>Coffee Break</b> ATC Foyer	
17:30 - 17:45	<b>Functional analysis of predicted driver mutations in cancer-associated kinases</b> John Brognard <i>Paterson Institute for Cancer Research, United Kingdom</i>	8
17:45 - 18:00	<b>Analysis of oncogenic signatures reveal differential regulation of cellular pathways related to micro satellite instability (BRAFFV600E) or epithelial-mesenchymal transition (RASG12V)</b> Alexander Pintzas <i>National Hellenic Research Foundation, Greece</i>	9
18:00 - 19:00	<b>Keynote Lecture: Translating the cancer genomes</b> Lynda Chin <i>MD Anderson Cancer Center, United States of America</i>	10
19:00 - 20:30	<b>Dinner</b> ATC Canteen	
20:30 - 23:00	<b>After Dinner Drinks</b> ATC Rooftop Lounge	

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**Sunday 18 September 2011**


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09:00 - 12:30	<b>Session 2: Somatic Genetics II / Epigenetics</b> <b>Chaired by James R. Downing</b> Klaus Tschira Auditorium	
09:00 - 09:30	<b>Human cancer epigenomics</b> Manel Esteller <i>Cancer Epigenetics and Biology Program (PEBC), Spain</i>	11
09:30 - 10:00	<b>Mining the cancer methylome</b> Peter W. Laird <i>USC Epigenome Center, United States of America</i>	12
10:00 - 10:15	<b>Methylome analysis in human colorectal cancer and the Apc(Min/+) mouse model</b> Christina Grimm <i>Max Planck Institute for Molecular Genetics, Germany</i>	13
10:15 - 10:30	<b>DNA methylation profiling of childhood acute lymphoblastic leukaemia using DNA methylation enrichment and next generation sequencing</b> Nick Wong <i>Murdoch Childrens Research Institute, Australia</i>	14
10:30 - 11:00	<b>Coffee Break</b> ATC Foyer	
11:00 - 11:30	<b>Chromatin interaction and transcription regulation in cancer cells</b> Yijun Ruan <i>Genome Institute of Singapore, Singapore</i>	15
11:30 - 12:00	<b>Epigenome profiling in hematopoiesis and acute myeloid leukemia</b> Hendrik Stunnenberg <i>Radboud University Nijmegen, The Netherlands</i>	16

**EMBO|EMBL Symposium: Cancer Genomics**

- 12:00 - 12:15 **A cooperative microRNA-tumor suppressor gene network in acute T-cell lymphoblastic leukemia (T-ALL)** 17  
Hans-Guido Wendel  
*Memorial Sloan-Kettering Cancer Center,  
United States of America*
- 12:15 - 12:30 **Integrated genomics on molecular subtypes in medulloblastoma** 18  
Marcel Kool  
*DKFZ Heidelberg, Germany*
- 12:30 - 14:30 **Poster Session I and Lunch**  
ATC Foyer and Helix A | Poster Numbers 40 - 65
- 14:30 - 18:30 **Session 3: Mouse Genetics  
Chaired by Lynda Chin**  
ATC Auditorium
- 14:30 - 15:00 **Large-scale screens for cancer genes in the mouse** 19  
David Adams  
*Wellcome Trust Sanger Institute, United Kingdom*
- 15:00 - 15:30 **Systems genetics approaches to analysis of cancer susceptibility and progression** 20  
Allan Balmain  
*UCSF, United States of America*
- 15:30 - 15:45 **Identification of novel (epi)genetic modifier loci of Apcmin-induced tumorigenesis using chromosome substitution strains** 21  
Alexandra Farrall  
*Max Planck Institute for Molecular Genetics, Germany*
- 15:45 - 16:00 **Next-gen sequencing analysis as a tool for identification of the breast cancer susceptibility genes** 22  
Zdenek Kleibl  
*Charles University in Prague, Czech Republic*

16:00 - 16:30	<b>Coffee Break</b> ATC Foyer	
16:30 - 17:00	<b>Comparative oncogenomics in mouse and human breast cancers</b> Jos Jonkers <i>The Netherlands Cancer Institute, The Netherlands</i>	23
17:00 - 17:30	<b>Mouse ductal pancreatic cancer provides new biological and therapeutic insights</b> David Tuveson <i>Cancer Research UK, United Kingdom</i>	24
17:30 - 18:00	<b>Modelling human colorectal cancer in the mouse: modifying Wnt driven neoplasia</b> Alan Clarke <i>Cardiff University, United Kingdom</i>	25
18:00 - 18:15	<b>The transcriptional landscape of microRNAs in primary breast tumours</b> Heidi Dvinge <i>Cancer Research UK, United Kingdom</i>	26
18:15 - 18:30	<b>Dissecting extent and mechanisms of genomic structural rearrangement in somatic cells: lessons learned from the initial sequencing of childhood medulloblastoma genomes</b> Jan Korbel <i>EMBL Heidelberg, Germany</i>	27
18:30 - 23:00	<b>Gala Dinner and Live Music</b> ATC Canteen and ATC Rooftop Lounge	

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## Monday 19 September 2011

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09:00 - 13:00	<b>Session 4: Computational Chaired by Peter Lichter</b> Klaus Tschira Auditorium	
09:00 - 09:30	<b>Next Generation sequencing data in cancer genomics</b> Ewan Birney <i>EMBL-EBI, United Kingdom</i>	28
09:30 - 10:00	<b>Towards defining the somatic genetic architecture of cancer</b> Andy Futreal <i>Wellcome Trust Sanger Institute, United Kingdom</i>	29
10:00 - 10:15	<b>Large-scale functional analysis and visualization of mutations from cancer genome projects</b> Nuria Lopez-Bigas <i>Universitat Pompeu Fabra, Spain</i>	30
10:15 - 10:30	<b>Increased levels of noisy splicing in cancers, but not for oncogene-derived transcripts</b> Lu Chen <i>University of Bath, United Kingdom</i>	31
10:30 - 11:00	<b>Coffee Break</b> ATC Foyer	
11:00 - 11:30	<b>Cancer genomics and network pharmacology</b> Chris Sander <i>MSKCC, United States of America</i>	32
11:30 - 12:00	<b>Molecular networks in cancer</b> Ilya Shmulevich <i>Institute for Systems Biology, United States of America</i>	33
12:00 - 12:30	<b>What does a cancer genome tell us about its past?</b> Chris Greenman <i>UEA, United Kingdom</i>	34

- 12:30 - 12:45 **Identifying mutually exclusive driver networks in cancer** 35  
 Giovanni Ciriello  
*MSKCC, United States of America*
- 12:45 - 13:00 **Quantitative image analysis of cellular heterogeneity in primary breast tumours enriches genomic assays** 36  
 Yinyin Yuan  
*Cancer Research UK, United Kingdom*
- 13:00 - 15:00 **Poster Session II and Lunch**  
 ATC Foyer and Helix A | Poster Numbers 66 - 90
- 15:00 - 16:00 **Session 5: Somatic Genetics III**  
**Chaired by Andy Futreal**  
 ATC Auditorium
- 15:00 - 15:30 **Oncogenomics of pediatric brain tumors: linking genes, genomic instability and molecular subgroups** 37  
 Peter Lichter  
*DKFZ Heidelberg, Germany*
- 15:30 - 16:00 **Integrated genome and transcriptome sequencing analyses of virus-associated hepatocellular carcinoma** 38  
 Tatsuhiro Shibata  
*National Cancer Center, Japan*
- 16:00 - 17:00 **Keynote Lecture: Evolution of the cancer genome** 39  
 Michael Stratton  
*Wellcome Trust Sanger Institute, United Kingdom*
- 17:00 - 17:15 **Closing Remarks and Poster Prize**  
 Klaus Tschira Auditorium