

**Welcome to the 22nd International Mammalian Genome Conference
Institute of Molecular Genetics
Prague, Czech Republic, November 02 – 05, 2008**

We welcome you to the 22nd Annual Mammalian Genome Conference and to Prague, Czech Republic. We are planning an exciting meeting aimed at breaking research news on mammalian genomes, epigenomes and phenotypes. The meeting will begin with Bioinformatics Workshops followed by the Student Symposium. It will continue with sessions on Comparative Genomics/ Computational Biology, Development / Cancer / Biology / Aging, Epigenetics, Immunity / Infection, Modeling Disease, Mutagenesis and Neuroscience / Behaviour.

Since the Middle Ages, Prague, the capital of the Czech Republic, has been known as one of the most beautiful cities of the world, and has attributed adjectives such as “golden” or “city of hundred spires”.

The conference is being held in the new building (opened in 2007) of the Institute of Molecular Genetics, Academy of Sciences of the Czech Republic and its adjacent Conference Center. The Institute is conveniently located, 15 min from the Historic Old Prague.

We welcome you to Prague and the 22nd IMGC.



PROGRAM AT A GLANCE

* All events at IMG unless noted otherwise

Saturday, November 1, 2008

2.00pm – 6.00pm	Secretariat Meeting (Corinthia Panorama Hotel)	Salon 1, (Corinthia Panorama Hotel)
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Sunday November 2, 2008

8.00am	Coach from Corinthia Panorama Hotel to IMG	
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8.30am	Coach from Emmy Hotel to IMG	
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8.00am – 9.00am	Registration Open for Bioinformatics	Registration Booth
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9.00am – 12.00pm	Bioinformatics Workshop	Seminar Room I, II & III
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11.00am	Student Satellite Symposium Registration	Registration Booth
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12.00pm	Coach from the Emmy Hotel to the IMG	
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1.00pm – 3.00pm	Student Satellite Symposium Session 1	Main Auditorium
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3.00pm – 3.30pm	Tea & Coffee	Restaurant
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3.30pm – 5.15pm	Student Satellite Symposium Session 2	Main Auditorium
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2.00pm – 5.00pm	Registration for main meeting open	Registration Booth
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5.15pm	Coach returning to the Emmy Hotel	
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6.00pm – 9.00pm	Registration for main meeting open	Bohemia Foyer/ (Corinthia Panorama Hotel)
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6.30pm	Coach from the Emmy Hotel to the Corinthia Panorama Hotel	
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7.00pm - 9.00pm	Welcome Reception and Buffet Dinner	Bohemia Suite / (Corinthia Panorama Hotel)
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9.15pm	Return coach to the Emmy Hotel	
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Monday November 3, 2008

7.30am	Coaches from the Corinthia Panorama Hotel to the IMG	
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8.00am	Coaches from the Emmy Hotel to the IMG	
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8.00am - 5.30pm	Registration Open	Registration Booth
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8.20am – 8.30am	Official Opening	Main Auditorium
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8.30am – 10:30am	Session 1 - Immunity/Infection/Epigenetics	Main Auditorium
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22nd International Mouse Genome Conference

8.30am – 9.00am	Epigenetic regulation of lineage commitment and pluripotency in the mammalian embryo <i>Wolf Reik, The Babraham Institute, Cambridge, UK</i>	Main Auditorium
9:00am – 10:30am	Immunity/Infection/Epigenetics Papers	Main Auditorium
10.30am – 12.00pm	Tea & Coffee/ Exhibition and Poster Session 1 Poster Themes Immunity/Infection/Epigenetics Comparative Genomics/Computational Biology	Restaurant, Entrance Hall
11.30am – 1.00pm	Editorial Board Meeting	Room 0.195
12.00pm – 1.00pm	Lunch	Restaurant
1.00pm – 3:00pm	Session 2 - Comparative Genomics/ Computational Biology	Main Auditorium
1.00pm – 1.30pm	How little we know: function and connectivity of the genome <i>Stylianos Antonarakis, University of Geneva Medical School, Geneva Switzerland</i>	Main Auditorium
1.30pm – 3.00pm	Comparative Genomics/Computational Biology Papers	Main Auditorium
3.00pm – 3.30pm	Tea & Coffee Break	Restaurant
3.30pm – 4.30pm	IMGS Business Meeting	Main Auditorium
4.30pm – 5.30pm	Verne Chapman Memorial Lecture Facets of X-inactivation: Exploring an Epigenetic Paradigm <i>Philip Avner, Institut Pasteur, Paris, France</i>	
5.45pm	Coaches will return to the Corinthia Panorama & Emmy Hotels. Those signed up for the Dinner will have approximately 20 minutes at your hotel to drop off bags in hotel rooms.	
7.30pm - 9.30pm	Dinner	Novomestsky Pivovar
9.30pm	Limited coaches will return to the Corinthia Panorama & Emmy Hotels although delegates are welcome to remain in the restaurant or centre and make their own return journey to their Hotel.	

Tuesday November 4, 2008

7.45am	Coaches from the Corinthia Panorama Hotel to the IMG	
8.00am	Coaches from the Emmy Hotel to the IMG	
8.00am - 5.30pm	Registration Open	Registration Booth

8.30am – 10:30am	Session 3 - Modeling Disease Sponsored by The Ellison Medical Foundation		Main Auditorium
8.30am – 9.00am	Progress and Prospects in Rat Genetics – Identification of Disease Genes, Pathways and Mechanisms <i>Timothy J Aitman, MRC Clinical Sciences Centre and Imperial College, London, UK</i>		Main Auditorium
9.00am – 10:30am	Modeling Disease Papers		Main Auditorium
10.30am – 12.00pm	Tea & Coffee / Exhibition and Poster Session 2 Poster Themes Modeling Disease		Restaurant, Entrance Hall
11.30am – 1.00pm	Nomenclature Committee Meeting		
12.00pm – 1.00pm	Lunch		Restaurant
1.00pm – 3:00pm	Session 4 - Development/Cancer Biology/ Evolution Aging Sponsored by The Ellison Medical Foundation		Main Auditorium
1.00pm – 1.30pm	Studying the genetic basis of adaptations in wild mouse populations <i>Diethard Tautz, Max-Planck Institute for evolutionary Biology, Plön, Germany</i>		Main Auditorium
1.30pm – 3.00pm	Development/Cancer Biology/Evolution Aging Papers		
3.00pm – 3.30pm	Tea & Coffee Break		Restaurant, Entrance Hall
3.30pm – 4.45pm	Session 5 - Other genomes and new approaches		Main Auditorium
5.00pm	Coaches returning to the Corinthia Panorama & Emmy Hotels Free Time to visit Prague/Free Evening		

Wednesday November 5, 2008

7.45am	Coaches from the Corinthia Panorama Hotel to the IMG		
8.00am	Coaches from the Emmy Hotel to the IMG		
8.00am – 5.00pm	Registration Open		Registration Booth
8.30am – 10.45am	Session 6 - Neuroscience/Behavior		Main Auditorium
8.30am – 9.00am	Genetic Architecture of Complex Traits in the Mouse <i>Jonathan Flint, Wellcome Trust Centre for Human Genetics, Oxford, UK</i>		Main Auditorium

9.00am – 10.45am	Neuroscience/Behavior Papers	Main Auditorium
10.45am – 12.15pm	Tea & Coffee / Exhibition and Poster Session 3 Poster Themes Development/Cancer Biology/ Evolution Aging/Mutagenesis Neuroscience/Behavior Rat and Other Genomes	Restaurant, Entrance Hall
12.15pm – 1.15pm	Lunch	Restaurant
1.15pm – 2.30pm	Session 7 - Modeling Disease	Main Auditorium
1.15pm – 1.45pm	Inferring genome-wide architecture and evolution of gene networks from ChIP-Seq and RNA-Seq data <i>Barbara Wold, California Institute of Technology California, USA</i>	Main Auditorium
1.45pm – 2.30 pm	Modeling Disease Papers	Main Auditorium
2:30pm – 3.00pm	Tea & Coffee	Restaurant, Entrance Hall
3.00pm – 4.45pm	Session 8 – Mutagenesis	Main Auditorium
3.00pm – 3.30pm	Genetics and Imaging of Murine Neural Tube Closure <i>Lee Niswander, University of Colorado Denver and HHMI Colorado, USA</i>	Main Auditorium
3:30pm – 4.45pm	Mutagenesis Papers	Main Auditorium
5.00pm	Coaches will return to the Corinthia Panorama & Emmy Hotels. Those signed up for the Dinner will have approximately 45 minutes at your hotel to prepare for your evening.	
7.00pm – 7.30pm	Conference Concert	Carolinum
7.45pm – 11.00pm	Conference Dinner	Francouzská Restaurace
10.00pm & 11.00pm	Limited coaches will return to the Corinthia Panorama & Emmy Hotels although delegates are welcome to remain in the centre and make their own return journey to their Hotel.	

SOCIAL PROGRAM

Welcome Reception

Sunday November 2, 7.00pm – 9.00pm

Bohemia Suite, Corinthia Panorama Hotel

The Welcome Reception will be held at the Corinthia Panorama Hotel. A buffet dinner and drinks will be available. The event is open to all delegates and is included in the registration fee.

Conference Dinner

Monday November 3, 7.30pm – 9.30pm

Dinner - Novomestský pivovar

The Novomestský pivovar has reinvented an old, long-forgotten and discontinued tradition from the 14th century. The great idea of combining the mini-brewery with a restaurant in a single unit giving rise to a unique venue with efficiently interconnected cellars and surface-level rooms. The current building was built by the well-known Prague architect Frantisek Buldra in 1902. This extensive complex has attractively decorated interiors ranging from the Gothic hall style to the 1920s and 1930s. A three course dinner including wine or the restaurant's own beer will be served. The price per person is €40.00 and tickets must be purchased in advance.

Conference Concert and Banquet

Wednesday November 5, 7.00pm – 11.00pm

Concert at the Carolinum and Conference banquet at Francouzská Restaurace

A short concert will be held in the stunning Carolinum, part of the Charles University which was built in 1348, followed by dinner in the Francouzská Restaurace. The new baroque and new renaissance style, western and oriental influence intermingle here with the Czech Art Deco. The French restaurant situated in the right wing of the Municipal House is adorned with splendid Art Nouveau details. The cost for dinner including wine will be €90.00 per person and tickets must be purchased in advance.

Shuttle Coach Departures

Sunday November 2, 2008		
TIME	PICK UP VENUE	DROP OFF VENUE
8.00am	Corinthia Panorama Hotel	Institute of Molecular Genetics
8.30am	Emmy Hotel	Institute of Molecular Genetics
12.00pm	Emmy Hotel	Institute of Molecular Genetics
5.15pm	Institute of Molecular Genetics	Emmy Hotel
6.30pm	Emmy Hotel	Corinthia Panorama Hotel
9.15pm	Corinthia Panorama Hotel	Emmy Hotel

Monday November 3, 2008		
TIME	PICK UP VENUE	DROP OFF VENUE
7.30am	Corinthia Panorama Hotel	Institute of Molecular Genetics
8.00am	Emmy Hotel	Institute of Molecular Genetics
5.45pm	Institute of Molecular Genetics	Corinthia Panorama Hotel
5.45pm	Institute of Molecular Genetics	Emmy Hotel
After waiting approx 20 minutes	Corinthia Panorama Hotel	Novoměstský Restaurační Pivovar
After waiting approx 20 minutes	Emmy Hotel	Novoměstský Restaurační Pivovar
9.30pm	Limited coaches from Novoměstský Restaurační Pivovar	Corinthia Panorama Hotel & Emmy Hotel

Tuesday November 4, 2008		
TIME	PICK UP VENUE	DROP OFF VENUE
7.45am	Corinthia Panorama Hotel	Institute of Molecular Genetics
8.00am	Emmy Hotel	Institute of Molecular Genetics
5.00pm	Institute of Molecular Genetics	Corinthia Panorama Hotel
5.00pm	Institute of Molecular Genetics	Emmy Hotel

Wednesday November 5, 2008		
TIME	PICK UP VENUE	DROP OFF VENUE
7.45am	Corinthia Panorama Hotel	Institute of Molecular Genetics
8.00am	Emmy Hotel	Institute of Molecular Genetics
5.00pm	Institute of Molecular Genetics	Corinthia Panorama Hotel
5.00pm	Institute of Molecular Genetics	Emmy Hotel
After waiting approx 20 minutes	Corinthia Panorama Hotel	Carolinum
After waiting approx 20 minutes	Emmy Hotel	Carolinum
10.00pm & 11.00pm	Limited coaches from Francouzská Restaurace	Corinthia Panorama Hotel & Emmy Hotel

PROGRAM

* All events at IMG unless noted otherwise

Saturday, November 1, 2008

2.00pm – 6.00pm	Secretariat Meeting (Corinthia Panorama Hotel)	Salon 1, Corinthia Panorama Hotela
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Sunday November 2, 2008

8.00am	Coach from Corinthia Panorama Hotel to IMG	
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8.30am	Coach from Emmy Hotel to IMG	
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8.00am – 9.00am	Registration Open for Bioinformatics	Registration Booth
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9.00am – 12.00pm	Bioinformatics Workshop	Main Auditorium
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11.00am	Student Satellite Symposium Registration	Registration Booth
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12.00pm	Coach from the Emmy to the IMG	
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1.00pm – 3.00pm	Student Satellite Symposium Session 1 Chair: Maja Bucan/Karen Steel	Main Auditorium
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1.00pm – 1.15pm	S1/P107 - IDENTIFICATION AND CHARACTERIZATION OF TWO MOUSE MUTANTS WITH DEVELOPMENTAL DEFECTS Karen Mitchell <i>University of Manchester, Manchester, United Kingdom</i>	
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1.15pm – 1.30pm	S2/P106 - A NOVEL REGULATOR IN TERMINAL MEGAKARYOCYTE DIFFERENTIATION IDENTIFIED BY ENU MUTAGENESIS Nicole Anderson <i>University of Toronto, Toronto, On, Canada</i>	
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1.30pm – 1.45pm	S3/P108 - A SENSITIZED ENU MUTAGENESIS SCREEN FOR DOMINANT GENETIC MODIFIERS OF THROMBOSIS IN THE FACTOR V LEIDEN MOUSE Randal Westrick <i>University of Michigan, Ann Arbor, MI, United States</i>	
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1.45pm – 2.00pm	S4/P46 - A LOCUS ON CHROMOSOME 7 DETERMINES INFARCT VOLUME IN THE FOCAL CEREBRAL ISCHEMIA MOUSE MODEL OF STROKE Sehoon Keum <i>Duke University, Durham, NC, United States</i>	
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2.00pm – 2.15pm	S5/P45 - INVESTIGATION OF MYOTILIN AS A MODIFIER GENE IN A MOUSE MODEL OF CARDIOMYOPATHY Pei-Lun Chu <i>Program in Genetics and Genomics, Duke University, Durham, North Carolina, United States</i>	
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2.15pm – 2.30pm	S6/P93 - GENETICS AND BIOLOGY OF THE GERM CELL TUMOR SUSCEPTIBILITY LOCUS, <i>TER</i> Shirley Hammond <i>UT M.D. Anderson Cancer Center, Houston, Texas, United States</i>	
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- 2.30pm – 2.45pm **S7/P91 - LINKING GENE EXPRESSION CHANGES TO PROTEIN SPATIAL LOCATION IN MUSCLE**
Ashley Waardenberg
¹Griffith University, Nathan, QLD, Australia
- 2.45pm – 3.00pm **S8/P48 - IN THE MP MOUSE, MUTANT *FIBRILLIN-2* ACCUMULATION IN THE ER OF DEVELOPING CILIARY-BODY CELLS ELICITS THE UNFOLDED PROTEIN RESPONSE AND CAUSES PAN-OCULAR MALFORMATIONS**
Joe Rainger
MRC Human Genetics Unit, Edinburgh, United Kingdom
- 3.00pm – 3.30pm Tea & Coffee
- 3.30pm – 5.15pm Student Satellite Symposium Session 2** Main Auditorium
Chair: Maja Bucan / Karen Steel
- 3.30pm – 3.45pm **S9/P57 - THE ROLE OF *SOX4* IN INSULIN SECRETION AND IMPAIRED GLUCOSE TOLERANCE**
Alison Hough
Medical Research Council, Harwell, Oxfordshire, United Kingdom
- 3.45pm – 4.00pm **S10/P67 - MOUSE MODELS FOR FUNCTIONAL ANALYSIS OF *FTO***
Christopher Church
Medical Research Council, Mammalian Genetics Unit, Harwell, Oxfordshire, United Kingdom
- 4.00pm – 4.15pm **S11/P17 - MAPPING OF OBESITY AND FAT DEPOT-SPECIFIC QTLs USING HAPLOTYPE ASSOCIATION AND OTHER RECENTLY DEVELOPED BIOINFORMATICS METHODS**
Zala Prevorsek
University of Ljubljana, Biotechnical faculty, Ljubljana, Slovenia, Slovenia
- 4.15pm – 4.30pm **S12/P117 - MAPPING QTLs FOR MOUSE ANXIETY-RELATED BEHAVIOR USING CONSONICS**
Marijke C. Laarakker
Department of Animals, Science & Society, Division of Laboratory Animal Science, Utrecht University & Rudolf Magnus Institute of Neuroscience, Utrecht, Netherlands
- 4.30pm – 4.45pm **S13/P19 - THE PHENOME INTERDEPENDENCY AND SIMILARITY HIERARCHY: A TOOL FOR GENOME-SCALE PHENOTYPIC ANALYSIS**
Jeremy Jay
Department of Electrical Engineering and Computer Science, University of Tennessee, Knoxville, TN, United States
- 4.45pm – 5.00pm **S14/P49 - A SYSTEMS GENETICS APPROACH TO IDENTIFY MOLECULAR PATHWAYS THAT MEDIATE GENETIC SUSCEPTIBILITY TO LOW DOSE IONIZING RADIATION**
Rachel Lynch
Oak Ridge National Laboratory, Oak Ridge, TN, United States
- 5.00pm – 5.15pm **S15/P3 - THE GENETICS OF SUSCEPTIBILITY TO SYSTEMIC PNEUMOCOCCAL INFECTION**
Laura Boubbane
MRC Mammalian Genetics Unit, Harwell, Oxfordshire, United Kingdom

2.00pm – 5.00pm	Registration for main meeting open	Registration Booth
5.15pm	Coach returning to the Emmy Hotel	
6.00pm – 9.00pm	Registration for main meeting open	Bohemia Foyer/ (Corinthia Panorama Hotel)
6.30pm	Coach from the Emmy Hotel to the Corinthia Panorama Hotel	
7.00pm - 9.00pm	Welcome Reception and Buffet Dinner	Bohemia Suite/ (Corinthia Panorama Hotel)
9.15pm	Return coach to the Emmy Hotel	

Monday November 3, 2008

7.30am	Coaches from the Corinthia Panorama Hotel to the IMG	
8.00am	Coaches from the Emmy Hotel to the IMG	
8.00am - 5.30pm	Registration Open	Registration Booth
8.20am – 8.30am	Official Opening	Main Auditorium
8.30am – 10:30am	Session 1 - Immunity/Infection/Epigenetics Chair: Simon Foote	Main Auditorium
8.30am – 9.00am	PL1 – Epigenetic regulation of lineage commitment and pluripotency in the mammalian embryo <i>Wolf Reik, The Babraham Institute, Cambridge, UK</i>	
9:00am – 10:30am	Immunity/Infection/Epigenetics Papers	
9.00am – 9.15am	O-2 CTCF AND COHESIN BIND AT THE BASE OF A CHROMATIN LOOP TO ISOLATE GENES THAT ESCAPE X INACTIVATION AND HAVE A DIFFERENT EPIGENETIC SIGNATURE ON THE MOUSE X CHROMOSOME. Christine Disteche <i>Departments of Pathology and Medicine, University of Washington, Seattle, WA 98195, United States</i>	
9.15am – 9.30am	O-3 FORWARD GENETIC ANALYSIS OF THE INNATE IMMUNE RESPONSE IN WILD-DERIVED MICE James Conner <i>Tufts University School of Medicine, Boston, MA, United States</i>	
9.30am – 9.45am	O-4 GENETIC BASIS FOR THE EXTREME SUSCEPTIBILITY OF MBT/PAS MICE TO RIFT VALLEY FEVER VIRUS Jean-Jacques Panthier <i>Mouse Functional Genetics Unit, CNRS URA 2578, Institut Pasteur, Paris, France</i>	
9.45am – 10.00am	O-5 GENETIC ANALYSIS OF ANTIBODY-INDUCED ARTHRITIS USING C57BL/6J-CHRN^{PWD} CONSOMIC STRAINS Stefka Petkova <i>The Jackson Laboratory, Bar Harbor, United States</i>	

10.00am – 10.15am	O-6 SURVIVAL AFTER H5N1 VIRUS INFECTION; IT IS IN YOUR GENES Jacco Boon <i>St Jude Children's Research Hospital, Memphis, TN, United States</i>	
10.15am – 10.30am	STUDENT ABSTRACT TO BE ANNOUNCED AT CONFERENCE	
10.30am – 12.00pm	Tea & Coffee/ Exhibition and Poster Session 1 Poster Themes Immunity/Infection/Epigenetics Comparative Genomics/Computational Biology	Restaurant, Entrance Hall
11.30am – 1.00pm	Editorial Board Meeting Room 0.117	
12.00pm – 1.00pm	Lunch	Restaurant
1.00pm – 3:15pm	Session 2 - Comparative Genomics/ Computational Biology Chair: David Threadgill	Main Auditorium
1.00pm – 1.30pm	PL2 - How little we know: function and connectivity of the genome Stylianos Antonarakis, University of Geneva Medical School, Geneva Switzerland	
1.30pm – 3.00pm	Comparative Genomics/Computational Biology Papers	
1.30pm – 1.45pm	O-7 RECOMBINATION LANDSCAPE AND GENETIC BACKGROUND – EVOLUTIONARY CONSERVATION OF REGIONAL BUT NOT LOCAL RATES Petko Petkov <i>The Jackson Laboratory, Bar Harbor, United States</i>	
1.45pm – 2.00pm	O-8 TWO WAVE INTERSUBSPECIFIC INTROGRESSION BUILT UP GENOME FRAMEWORK OF THE CLASSICAL LABORATORY MOUSE STRAINS Toshihiko Shiroishi <i>National Institute of Genetics, Shizuoka, Japan</i>	
2.00pm – 2.15pm	O-9 COMBINED GENOTYPE AND EXPRESSION ANALYSIS OF INBRED AND DERIVED CONGENIC MICE SUGGEST THAT MOST GENE EXPRESSION IS INDIRECTLY TRANS REGULATED BY MECHANISMS THAT ARE SENSITIVE TO GENETIC BACKGROUND Harry Noyes <i>University of Liverpool, Liverpool, United Kingdom</i>	
2.15pm – 2.30pm	O-10 NANOCAGE PROMOTOME ANALYSIS OF THE MOUSE OLFACTORY EPITHELIUM Piero Carninci <i>RIKEN Omics Science Center, Yokohama, Japan</i>	
2.30pm – 2.45pm	O-11 GENETIC STRUCTURE OF THE PRE-COLLABORATIVE CROSS (PRECC) POPULATION David Aylor <i>University of North Carolina, Chapel Hill, NC, United States</i>	

2.45pm – 3.00pm	O-12 INVESTIGATION OF HIPPOCAMPAL MICRORNA EXPRESSION AND FUNCTION IN C57BL/6J X DBA/2J RECOMBINANT INBRED MICE (BXD RI) Michael Parsons <i>MRC Mammalian Genetics Unit, Harwell, Didcot, United Kingdom</i>	
3.00pm – 3.30pm	Tea & Coffee Break	Restaurant, Entrance Hall
3.30pm – 4.30pm	IMGS Business Meeting	Main Auditorium
4.30pm – 5.30pm	Verne Chapman Memorial Lecture Introduced by Maja Bucan PL3 - Facets of X-inactivation: Exploring an Epigenetic Paradigm Philip Avner, Institut Pasteur Paris, France	Main Auditorium
5.45pm	Coaches will return to the Corinthia Panorama & Emmy Hotels. Those signed up for the Dinner will have approximately 20 minutes at your hotel to drop off bags in hotel rooms.	
7.30pm - 9.30pm	Dinner	Novomestsky Pivovar
9.30pm	Limited coaches will return to the Corinthia Panorama & Emmy Hotels although delegates are welcome to remain in the restaurant or centre and make their own return journey to their Hotel.	

Tuesday November 4, 2008

7.45am	Coaches from the Corinthia Panorama Hotel to the IMG	
8.00am	Coaches from the Emmy Hotel to the IMG	
8.00am – 5.30pm	Registration Open	Registration Booth
8.30am – 10:30am	Session 3 - Modeling Disease Chair: Xavier Montagutelli Sponsored by The Ellison Medical Foundation	Main Auditorium
8.30am – 9.00am	PL4 - Progress and Prospects in Rat Genetics – Identification of Disease Genes, Pathways and Mechanisms Timothy J Aitman, MRC Clinical Sciences Centre and Imperial College, London, UK	
9.00am – 10:30am	Modeling Disease Papers	
9.00am – 9.15am	O-13 AN ENU-INDUCED MUTATION OF A MIRNA ASSOCIATED WITH PROGRESSIVE HEARING LOSS Morag Lewis <i>Wellcome Trust Sanger Institute, Cambridge, United Kingdom</i>	



9.15am – 9.30am	O-14 GENERATION AND ANALYSIS OF NOVEL ENU-INDUCED MOUSE MODELS FOR HUMAN NEPHROPATHIES Birgit Rathkolb <i>Chair for Molecular Animal Breeding and Biotechnology, Ludwig-Maximilians-Universität München, Munich, Germany</i>	
9.30am – 9.45am	O-15 CARDIAC TROPONIN I KINASE MODIFIES DISEASE PROGRESSION AND OUTCOME IN MOUSE MODELS OF CARDIOMYOPATHY Douglas Marchuk <i>Duke University, Durham, North Carolina, United States</i>	
9.45am – 10.00am	O-16 THE BARTHEZ MOUSE MUTATION IS A HYPOMORPHIC ALLELE OF THE ASS1 GENE. Fernando Benavides <i>M.D. Anderson Cancer Center, Department of Carcinogenesis, Smithville, Texas, United States</i>	
10.00am – 10.15am	O-17 THE PRECC, A COLLABORATIVE AND INTERDISCIPLINARY EXPERIMENT BASED ON EMERGING RI LINES Fernando Pardo-Manuel de Villena <i>University of North Carolina at Chapel Hill, Chapel Hill, NC, United States</i>	
10.15am – 10.30am	O-18 DETECTING LOCI THAT CONFER SUSCEPTIBILITY TO DUST-MITE INDUCED ASTHMA USING A PANEL OF PreCC MICE Samir Kelada <i>National Human Genome Research Institute, NIH, Bethesda, MD, United States</i>	
10.30am – 12.00pm	Tea & Coffee / Exhibition and Poster Session 2 Poster Themes Modeling Disease	Restaurant, Entrance Hall
11.30am – 1.00pm	Nomenclature Committee Meeting	
12.00pm – 1.00pm	Lunch	Restaurant
1.00pm – 3:00pm	Session 4 - Development/Cancer Biology/ Evolution Aging Chair: Kent Hunter Sponsored by The Ellison Medical Foundation	Main Auditorium
1.00pm – 1.30pm	PL5 - Studying the genetic basis of adaptations in wild mouse populations Diethard Tautz, Max-Planck Institute for evolutionary Biology, Plön, Germany	
1.30pm – 3.00pm	Development/Cancer Biology/Evolution Aging Papers	
1.30pm – 1.45pm	O-19 AN ALLELE OF <i>PLZF</i> REVEALS FUNCTIONAL DOMAINS WITH DISTINCT ROLES IN SKELETAL PATTERNING AND SPERMATOGONIAL STEM CELL RENEWAL Yung-Hao Ching <i>National Laboratory Animal Center, Taipei, Taiwan</i>	



- 1.45pm – 2.00pm **O-20 GENETIC ANALYSIS OF AGING IN 31 INBRED STRAINS OF MICE AND THE IMPORTANCE OF THE IGF-1 PATHWAY**
 Beverly Paigen
The Jackson Laboratory, Aging Center, Bar Harbor, ME, United States
- 2.00pm – 2.15pm **O-21 IFI207, A NOVEL IFI200 FAMILY MEMBER SUPPRESSING CELL GROWTH AND PROLIFERATION, IS A CANDIDATE FOR THE PLASMACYTOMA MODIFIER OF RESISTANCE/SUSCEPTIBILITY (PCTMR) ON MOUSE CHROMOSOME 1**
 Beverly A. Mock
Lab of Cancer Biology and Genetics, NCI, NIH, Bethesda, MD, United States
- 2.15pm – 2.30pm **O-22 THE DEVELOPMENTAL EFFECTS OF FBOX11**
 Hilda Tateossian
Medical Research Council, Harwell, United Kingdom
- 2.30pm – 2.45pm **O-23 CORRELATION STUDIES OF MICRORNA EXPRESSION, THEIR PUTATIVE DOWNSTREAM TARGETS AND EQTLS IN HEMATOPOIETIC DEVELOPMENT.**
 Leonid Bystrykh
UMCG, Groningen, Netherlands
- 2.45pm – 3.00pm **STUDENT ABSTRACT TO BE ANNOUNCED AT CONFERENCE**
- 3.00pm – 3.30pm Tea & Coffee Break Restaurant,
Entrance Hall
- 3.30pm – 4.45pm **Session 5 - Other genomes and new approaches** Main Auditorium
 Chair: Karen Steel
- 3.30pm – 3.45pm **O-24 KURMA: AN ENU-INDUCED MUTANT ARCHIVE FOR GENE-TARGETING IN RATS**
 Tomoji Mashimo
Institute of Laboratory Animals, Kyoto, Japan
- 3.45pm – 4.00pm **O-25 THE BXH/HXB RAT RECOMBINANT INBRED STRAINS FOR GENETIC ANALYSES OF THE METABOLIC SYNDROME**
 Dr. Michal Pravenec
Institute of Physiology, Czech Academy of Sciences, Prague
- 4.00pm – 4.15pm **O-27 Mutation discovery in the mouse using genetically guided array capture and re-sequencing**
 Laura G. Reinholdt
The Jackson Laboratory, 600 Main Street, Bar Harbor, ME 04609, USA
- 4.15pm – 4.30pm **O-28 The complete sequence of mouse chromosome 17 from two inbred mouse strains; A/J and CAST/Ei.**
 David Adams
Wellcome Trust Sanger Institute, Cambridgeshire, United Kingdom
- 4.30pm – 4.45pm **STUDENT ABSTRACT TO BE ANNOUNCED AT CONFERENCE**
- 5.00pm Coaches returning to the Corinthia Panorama & Emmy Hotels
 Free Time to visit Prague/Free Evening

Wednesday November 5, 2008

7.45am	Coaches from the Corinthia Panorama Hotel to the IMG	
8.00am	Coaches from the Emmy Hotel to the IMG	
8.00am - 5.00pm	Registration Open	Registration Booth
8.30am – 10.45am	Session 6 - Neuroscience/Behavior Chair: Fuad Iraqi	Main Auditorium
8.30am – 9.00am	PL6 - Genetic Architecture of Complex Traits in the Mouse Jonathan Flint, <i>Wellcome Trust Centre for Human Genetics, Oxford, UK</i>	
9.00am – 10.45am	Neuroscience/Behavior Papers	
9.00am – 9.15am	O-29 ABERRANT AGOUTI-RELATED PROTEIN SYSTEM IN THE HYPOTHALAMUS OF THE ANX/ANX MOUSE IS ASSOCIATED WITH ACTIVATION OF MICROGLIA Ida Nilsson <i>Dept of Molecular Medicine and Surgery, Karolinska Institutet, Stockholm, Sweden</i>	
9.15am – 9.30am	O-30 GENETIC AND PHENOTYPIC STUDIES OF THE DARK-LIKE MUTANT MOUSE Christina Cota <i>Cornell University, Ithaca, NY, United States</i>	
9.30am – 9.45am	O-31 HIGH PHENOTYPIC DIVERSITY FOR METABOLISM AND VOLUNTARY EXERCISE IN EMERGING LINES OF THE COLLABORATIVE CROSS Wendy Foulds Mathes <i>University of North Carolina, Chapel Hill, NC, United States, ²Oak Ridge National Laboratories, Oak Ridge, TN, United States</i>	
9.45am – 10.00am	O-32 EFFECTS OF JARID1C SIRNA TREATMENT ON OBJECT RECOGNITION IN MICE Jun Xu <i>Tufts University Cummings School of Veterinary Medicine, North Grafton, MA, United States</i>	
10.00am – 10.15am	O-33 BEHAVIORAL EFFECTS OF A DELETION IN KCNN2, THE GENE ENCODING THE SK2 SUBUNIT OF SMALL-CONDUCTANCE CA²⁺-ACTIVATED K⁺ CHANNELS Jean Jaubert <i>Institut Pasteur, PARIS, France</i>	
10.15am – 10.30am	O-34 MICE DEFICIENT IN ALIVIN1/AMIGO2 SHOW ENHANCED LOCOMOTOR ACTIVITY AND REDUCED FEAR AND ANXIETY. Tomio Ono <i>Lab. of Mouse Models for Human Heritable Diseases, The Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan</i>	
10.30am – 10.45am	O-35 MELODY AN ENU MUTATION IN CASPASE-3, CAUSES SENSORINEURAL HEARING LOSS IN MICE. Andrew Parker <i>MRC Mammalian Genetics Unit, Harwell, United Kingdom</i>	

10.45am – 12.15pm	Tea & Coffee / Exhibition and Poster Session 3 Poster Themes Development/Cancer Biology/ Evolution Aging Mutagenesis Neuroscience/Behavior Rat and Other Genomes	Restaurant, Entrance Hall
12.15pm – 1.15pm	Lunch	Restaurant
1.15pm – 2.30pm	Session 7 - Modeling Disease Chair: Monica Justice	Main Auditorium
1.15pm – 1.45pm	PL7 - Inferring genome-wide architecture and evolution of gene networks from ChIP-Seq and RNA-Seq data Barbara Wold, <i>California Institute of Technology</i> <i>California, USA</i>	
1.45pm – 2.30pm	Modeling Disease Papers	
1.45pm – 2.00pm	O-36 THE CONSTRUCTION AND ANALYSIS OF A MOUSE GENE-TRAP MUTANT RESOURCE CREATED IN THE C57BL/6N GENETIC BACKGROUND. Andrei Golovko <i>Texas Institute for Genomic Medicine, Houston, TX, United States</i>	
2.00pm – 2.15pm	O-37 MANUAL ANNOTATION OF THE MOUSE GENOME AND EUCOMM Mark Thomas <i>Wellcome Trust Sanger Institute, Hinxton, Cambridgeshire, United Kingdom</i>	
2.15pm – 2.30pm	O-38 THE KNOCKOUT MOUSE PROJECT DATA COORDINATION CENTER (KOMP-DCC) Martin Ringwald <i>The Jackson Laboratory, Bar Harbor, ME, United States</i>	
2.30pm – 3.00pm	Tea & Coffee Break	Restaurant, Entrance Hall
3.00pm – 4.45pm	Session 8 – Mutagenesis Chair: Yoichi Gondo	Main Auditorium
3.00pm – 3.30pm	PL8 - Genetics and Imaging of Murine Neural Tube Closure Lee Niswander, <i>University of Colorado Denver and HHMI</i> <i>Colorado, USA</i>	
3.30pm – 4.45pm	Mutagenesis Papers	
3.30pm – 3.45pm	O-39 ENU-INDUCED MUTATIONS CAUSING ARREST OF SPERMATOCYTES BEFORE THE FIRST MEIOTIC METAPHASE Mary Ann Handel <i>The Jackson Laboratory, Bar Harbor, Maine, United States</i>	
3.45pm – 4.00pm	O-40 THE SPLICE SITE MUTATION GOYA IN MAP3K1 CAUSES EYE DEFECTS AND DEAFNESS IN THE MOUSE Sally Cross <i>MRC Human Genetics Unit, Edinburgh, Lothian, United Kingdom</i>	

Committees

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Maja Bucan, President
Karen Steel, Vice-President

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GENERAL INFORMATION

Certificate of Attendance

Will be available on request from the Conference Organisers.

Catering

Tea and coffee breaks will be served in the Restaurant and Entrance Hall where you will have the opportunity to meet with the exhibitors. Lunch will be served in the Restaurant. Your badge will have an insert if you have requested a special diet and you should show this to the catering staff in order to receive your meal.

Exhibition

The exhibition will be open from the following times:

Monday November 3	10.30am – 5.45pm	Entrance Hall
Tuesday November 4	10.30am – 4.45pm	Entrance Hall
Wednesday November 5	10.45am – 3.00pm	Entrance Hall

First Aid/Medical Services

Please consult the Conference Staff on the registration desk for assistance.

Insurance

The conference cannot accept any liability for personal injuries or loss or damage to property belonging to delegates, either during or as a result of the meeting. Please check the validity of your own personal insurance.

Poster Displays – Entrance Hall

Posters can be put up from the following times depending on which session you are in:

Session	Date and Time of session	Set up Hours	Remove By
Poster Session 1: P1 – P44	Monday November 3 10.30am – 12.00pm	8.00am	4.00pm
Poster Session 2: P45 – P90	Tuesday November 4 10.30am – 12.00pm	8.00am	4.00pm
Poster Session 3: P91 – P123	Wednesday November 5 10.45am – 12.15pm	8.00am	3.30pm

Personal Property

Neither the Institute of Molecular Genetics nor the Conference Organisers can accept responsibility for loss or damage to personal property.

Registration and Information Desks

All delegates will receive their name badge, meeting documents, ordered tickets and all relevant conference information on arrival at the Registration Desk at the Institute of Molecular Genetics. The Registration and Information Desk will be open at the following times:

Sunday November 2	8.00am – 5.00pm 6.00pm – 9.00pm	Registration Desk, Institute of Molecular Genetics Corinthia Panorama Hotel
Monday November 3	8.00am – 5.30pm	Registration Desk, Institute of Molecular Genetics
Tuesday November 4	8.00am – 5.30pm	Registration Desk, Institute of Molecular Genetics
Wednesday November 5	8.00am – 5.00pm	Registration Desk, Institute of Molecular Genetics

Speaker Preview Room (situated to the left of the Registration Desk)

Presenters are requested to hand in a copy of their presentation a minimum of 4 hours before the start of their session.

- Computers for downloading your data will be available in the Speakers Preview Room. Please bring copies of your presentation on two separate CD ROMs, Memory Sticks or Zip disks (one as back-up). You should not bring your own computer.
- The operating system is Windows XP running PowerPoint XP that can, in most cases, run previous versions of PowerPoint.
- Please note that there will be **no facilities** for overhead projection or 35mm slide projection.

Opening Times for Speaker Preview Room

Sunday November 2	8.00am – 5.00pm
Monday November 3	8.00am – 5.30pm
Tuesday November 4	8.00am – 5.30pm
Wednesday November 5	8.00am – 3.00pm

Useful Numbers:

In Conference: 0044 7967 872 529 or 0044 7885 153 553

AWARDS

The Secretariat and members of The International Mammalian Genome Society are proud of the students, postdoctoral fellows and junior faculty who present oral and poster presentations at the annual meeting. The outstanding contributions of these young scientists are recognized through several awards.

The first of these awards is the Verne Chapman Young Scientist Award, which is given to the most outstanding oral presentation from a postdoctoral fellow or student. This is a monetary award of **\$500** that reflects Dr. Chapman's dedication to mentoring junior scientists. Other monetary awards this year are given by genesis and the American Society of Human Genetics.

A large group of publishing companies sponsor this year's presentation prizes, which are a one year subscription to their journal. Springer is also donating a book. These awards are given to the most outstanding poster presentations by graduate students and postdoctoral fellows, and are chosen by members of the IMGS Secretariat during the course of the meeting.

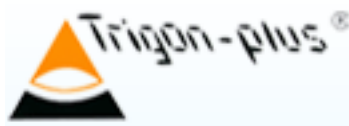
This year the sponsors are:

GENETICS



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STUDENT SCHOLARSHIP

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