Executive Board
David Shore
Emmanouil T. Dermitzakis
Denis Duboule
Didier Picard
Walter Reith

6th iGE3 Annual Meeting
and presentation of the 5th iGE3 PhD Salary Awards

Uni Dufour, U300
Tuesday, 7 November 2017

08:30 – 09:00  Welcome coffee

09:00 – 09:10  Opening by Prof. David Shore
iGE3 Director

09:10 – 09:20  Mini Symposium 1, introduction by the organizer:
Prof. Alicia Sanchez-Mazas
Department of Genetics and Evolution – Anthropology Unit,
Faculty of Science (GENEV)
From species to molecules: evolution, population diversity and gene
expression of functionally relevant polymorphisms.

09:20 – 10:10  Prof. Dr. Ronald E. Bontrop
Biomedical Primate Research Centre, Rijswijk, The Netherlands
Evolution of the MHC in primates.

10:10 – 10:30  Stéphane Buhler
Department of Genetics and Evolution – Anthropology Unit,
Faculty of Science (GENEV, A. Sanchez-Mazas group)
Joint Evolution of HLA genes through divergent asymmetric selection.

10:30 – 10:50  Olivier Delaneau
Department of Genetic Medicine and Development, Faculty of Medicine
(GEDEV, Prof. M. Dermitzakis group)
Intra- and inter-chromosomal chromatin interactions mediate genetic
effects on gene expression.

10:50 – 11:10  Coffee break
11:10 – 11:30  **Emi Nagoshi**  
Department of Genetic and Evolution (GENEV), Faculty of Science  
*A genome-wide approach towards understanding sleep in Drosophila.*

11:30 – 11:50  **Magdalena Wojtas**  
Department of Molecular Biology (BIMOL, R. Pillai group), Faculty of Science  
*Role of RNA modifications in gene expression control.*

11:50 – 12:00  Presentation of the winners PhD Salary Awards 2017 by Prof. Stylianos E. Antonarakis

12:00 – 12:10  **Ms. Simona Abbatemarco, PhD Salary Award winner**  
Prof. Gotta Group, Faculty of Medicine, PHYME  
*PQN - 59: a chaperone to avoid mitotic protein aggregation and maintain genome stability?*

12:10 – 12:20  **Mr. Francisco Brito, PhD Salary Award winner**  
Prof. Zdobnov Group, Faculty of Medicine, GEDEV  
*Discovering novel human viruses with shotgun metagenomics*

12:20 – 12:30  **Ms. Marta Perez Frances, PhD Salary Award winner**  
Prof. Herrera Group, Faculty of Medicine, GEDEV  
*Transcriptome and methylome analyses of pancreatic polypeptide (PPY)-expressing γ-cells*

12:30 – 12:40  **Mr. Roman Podolec, PhD Salary Award winner**  
Prof. Ulm Group, Faculty of Science, BIVEG  
*A genetic screen for players in the UV-B photoreceptor pathway in Arabidopsis thaliana*

12:40 – 12:50  **Mr. Jeremy Rio, PhD Salary Award winner**  
Prof. Currat Group, Faculty of Science, UANT  
*Building a spatiotemporal European population continuity network using paleogenomic data and computer simulations*

12:50 – 13:00  **Ms. Sofia Zaganelli, PhD Salary Award winner**  
Prof. Martinou Group, Faculty of Science, BICEL  
*Spatial organization of mitochondrial gene expression: the role of mitochondrial RNA granules*

13:00 – 14:15  *Lunch*
<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>14:15 – 14:20</td>
<td><strong>Mini Symposium 2</strong>, introduction by the organizer: <strong>Prof. Marguerite Neerman-Arbez</strong>&lt;br&gt;Department of Genetic Medicine and Development, Faculty of Medicine (GEDEV)&lt;br&gt;<em>Genome architecture in Gene Regulation and Disease.</em></td>
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<td>14:20 – 15:10</td>
<td><strong>Dr. Luca Giorgetti</strong>,&lt;br&gt;Friedrich Miescher Institute for Biomedical Research (FMI), Basel, Switzerland -&lt;br&gt;<em>Towards a quantitative understanding of chromosome folding.</em></td>
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<td>15:10 – 15:30</td>
<td><strong>Dr. Guillaume Andrey</strong>&lt;br&gt;Max Planck Institute for Molecular Genetics, MOLGEN, Berlin, Germany&lt;br&gt;<em>Dynamic 3D Chromatin Architecture Determines Enhancer Specificity and Morphogenetic Identity During Limb Development.</em></td>
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<td>15:30 – 15:50</td>
<td><strong>Cindy Espitia</strong>&lt;br&gt;Department of Genetic Medicine and Development, Faculty of Medicine (GEDEV)&lt;br&gt;<em>A role for chromatin architecture in the expression of the fibrinogen gene cluster.</em></td>
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<td>15:50 – 16:10</td>
<td><strong>Coffee break</strong></td>
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<td>16:10 – 16:30</td>
<td><strong>Brenda Kwak</strong>&lt;br&gt;Department of Pathology and Immunology (PATIM), Faculty of Medicine&lt;br&gt;<em>Connecting hemodynamics to atherosclerosis.</em></td>
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<td>16:30 – 16:50</td>
<td><strong>Rabih Murr</strong>&lt;br&gt;Department of Genetic Medicine and Development, Faculty of Medicine (GEDEV)&lt;br&gt;<em>Super Pioneer Transcription Factors: mechanisms of action and possible applications.</em></td>
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<td>16:50 – 17:10</td>
<td><strong>Yvan Wenger</strong>&lt;br&gt;Department of Genetic and Evolution (BIANI), Faculty of Science&lt;br&gt;<em>Transcriptomic identification of patterning regulators in Hydra</em></td>
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<td>17:10 – 17:40</td>
<td>Musical closure (piano) by <strong>Adalberto Maria Riva</strong>&lt;br&gt;<em>The genes of music: how micro-structures can develop in different ways in a musical piece.</em></td>
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<td>17:40 – 17:50</td>
<td><strong>Closure of the organizers</strong></td>
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<td>17:50 – 18:30</td>
<td><strong>Aperitif</strong></td>
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