### Day 1 - Monday 13th June

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>13.00</td>
<td>Registration&lt;br&gt;<strong>Welcome reception &amp; refreshments</strong>&lt;br&gt;Posters set-up</td>
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<td>14.00-16.00</td>
<td><strong>Session 1 - Beta cell development</strong>&lt;br&gt;Chairs: Heiko Lickert (Helmholtz Zentrum, Institute of Diabetes and Regeneration Research, München)&lt;br&gt;Gérard Gradwohl (IGBMC Strasbourg)&lt;br&gt;14.00-14.30 Anne Grapin-Botton (MPI of Molecular Cell Biology and Genetics, Dresden)&lt;br&gt;Tracking Wnt4 function from progenitor proliferation to beta cell maturation and function&lt;br&gt;14.30-15.00 Pia Nyeng (DanStem, University of Copenhagen)&lt;br&gt;Pancreatic tube directed beta cell differentiation&lt;br&gt;15.00-15.30 Diego Balboa (Centre for Genomics Regulation, Barcelona)&lt;br&gt;Modeling Non-coding Genetic Defects Underlying Diabetes&lt;br&gt;15.30-15.45 Short talk: Kaiyuan Yang (Helmholtz Zentrum, Institute of Diabetes and Regeneration Research, München)&lt;br&gt;Single-cell multiomics cross-species comparison of pancreas development&lt;br&gt;15.45-16.00 Short talk: Katarzyna Blaszczysz&lt;br&gt;SPOCK2 controls the proliferation of human early fetal-like pancreatic β-cells</td>
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<td>16.00-18.00</td>
<td><strong>Coffee break &amp; Poster session</strong></td>
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<td>18.30</td>
<td>Shuttle bus from the IGBMC to Parc de l'Étoile bus station (downtown Strasbourg) - Number of seats limited to 55 approx</td>
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<td>19.45</td>
<td>Dinner in downtown Strasbourg&lt;br&gt;<em>at</em> Brasserie Le Météor&lt;br&gt;2 entrances possible:&lt;br&gt;-10 Rue du Vingt-Deux Novembre&lt;br&gt;-27 Grand Rue&lt;br&gt;Tel: 0033 (0) 3 88 65 66 30&lt;br&gt;<a href="#">website</a></td>
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Day 2 - Tuesday 14th June

08.25 Shuttle bus from Parc de l’Étoile bus station (downtown Strasbourg) to the IGBMC - Number of seats limited to 55 approx

09.00-11.00 Session 2 - Beta cell function
- Chairs: Bernard Thorens (Center for integrative genomics, Lausanne university)
- 09.00-09.30 Patrik Rorsman (Department of Metabolism of Medicine, Oxford) Only connect? Understanding the hormonal dysregulation in diabetes
- 09.30-10.00 Yu Hsuan Carol Yang (Institute of Biomedical and Clinical Science, University of Exeter) Neural regulation of endocrine pancreas physiology
- 10.00-10.30 Coffee break & Posters
- 10.30-00.45 Short talk: Aharon Helman (The Hebrew University of Jerusalem) Controlling Beta Cell Functionality via Nutrient-Sensing Mechanisms
- 10.45-11.00 Short talk: Edgar Bernardo (Centre for Genomics Regulation, Barcelona) HNF1A regulates an alternative splicing program in pancreatic beta cells

11.00-15.00 Session 3 - The beta cell in great detail
- Chairs: Romeo Ricci (IGBMC, Strasbourg), Philippe Froguel (EGID Lille, Imperial College London)
- 11.00-11.30 Meritxell Rovira (Department of Physiology Science II, University of Barcelona) REST derepression enhances endocrinogenesis & new insights into novel ductal population
- 11.30-12.00 Amélie Bonnefond (EGID, Lille) Identification of new targets modulating insulin secretion through the hunt for rare genetic variant
- 12.00-14.00 Lunch & Posters
- 14.00-14.15 Short talk: Jonàs Juan-Mateu (Centre for Genomics Regulation, Barcelona) Control of pancreatic islet function and glucose homeostasis by a novel microexon splicing program
- 14.15-14.30 Short talk: Trevor Biden (Garvan Institute of Medical Research, Sydney) The transcription factor CREB3L2 constitutes a missing link in the response of beta cells to glucose
- 14.30-15.00 Charlotte Ling (Lund University Diabetes Centre, Malmö) Epigenetic modifications and islets dysfunction
- 15.00-16.00 Coffee break & Poster removal

16.00-18.00 Session 4 - Beta cell Regeneration
- Chairs: Susanne Ullrich (Institute for Diabetes Research and Metabolic Diseases, Helmholtz Center, Münich), Karim Bouzakri (Centre Européen d’Étude du Diabète, Strasbourg)
- 16.00-16.30 Agnes Klockendler (The Hebrew University of Jerusalem) Disruption of RNA editing in pancreatic beta cells reveals metabolic dependency of destructive interferon responses
- 16.30-17.00 Simona Chera (Department of Clinical Science, University of Bergen) Regeneration, Rhythms and Regulators
- 17.00-17.15 Short talk: Dana Avrahami Tzfati (Hadassah Medical Center and Faculty of Medicine, Hebrew University, Jerusalem) Metabolic stress-induced senescence and SASP in beta cells
- 17.15-17.30 Short talk: Olov Andersson (Karolinska Institutet, Solna, Sweden) MNK2 deficiency potentiates b-cell regeneration via translational contro
- 17.30-18.00 Rocio Sancho (King’s College, London) Regulation of pancreas cell fate decisions in homeostasis and disease

19.15 Gala dinner at IGBMC - predinner drinks
20.00 Gala dinner

01.00 Shuttle bus from the IGBMC to Parc de l’Étoile bus station (downtown Strasbourg) - Number of seats limited to 55 approx
Day 3 - Wednesday 15th June

08.25 Shuttle bus from Parc de l’Étoile bus station (downtown Strasbourg) to the IGBMC - Number of seats limited to 55 approx

09.00-11.30 Session 5 - From islet to diabetes and vice versa

Chairs:
- Timo Otonkoski (University of Helsinki)  
- Raphael Scharfmann (Institut Cochin, Paris)

9.00-9.30 Bernard Thorens (Center for integrative genomics, Lausanne university)
- Genetic identification of hypothalamic mechanisms controlling glucagon secretion

9.30-10.00 Noel Morgan (University of Exeter)
- The beta cell and the immune system in dialogue in type 1 diabetes; a pro- vs anti-inflammatory conversation

10.00-10.30 Coffee break

10.30-10.45 Short talk: Väinö Lithovius (University of Helsinki)
- Quantification of transplanted human stem cell derived islet mass and function with positron emission tomograph

10.45-11.00 Short talk: Joan Camunas Soler (University of Gothenburg / Stanford University, Palo Alto)
- Heterogenous impairment of a cell function in type 2 diabetes is linked to cell maturation state

11.00-11.30 Helena Edlund (AMPK clinical trial, Umea University)
- Preservation of beta-cell function in diabetic animal models- a treatment opportunity

11.30-11.50 Meeting close

12.00 Lunch-box to take away
- Departure