

|  |
| --- |
| **Sunday, February 21, 2016** |
| **Time** | **Function** | **Location** |
| 2:00 PM – 7:00 PM | **REGISTRATION** | Foyer (*3rd Floor*) |
| 2:30 PM – 5:30 PM | **Working Group Meetings:** |  |
| **nPOD-V** Led by Alberto Pugliese | Bayview Ballroom(*2nd Floor*) |
| **nPOD-Matrix**Led by Tom Wight | Fisher Island (*2nd Floor*) |
| 5:45 PM – 6:30 PM | **OPENING RECEPTION (Hors d’oeuvres)** | Foyer (*3rd Floor*) |
| 6:30 PM – 7:30 PMSession 1 | **Keynote Speaker:**Speaker Introduction – Alberto Pugliese**Atul Butte, UCSF***“Translating a trillion points of data into therapies, diagnostics, and new precision in medicine”* | Salons E & F(*3rd Floor*) |
| 7:30 PM | **DINNER (On your own)** | --- |

|  |
| --- |
| **Monday, February 22, 2016** |
| **Time** | **Function** | **Location** |
| 7:00 AM | **REGISTRATION** | Foyer (*3rd Floor*) |
|
| 7:00 AM – 8:00 AM | **BREAKFAST** | Bayfront Terrace (*1st Floor*) |
| 8:00 AM – 8:30 AMSession 2 | **Welcome & Introductions:**Mark Atkinson & Alberto Pugliese**Mark Atkinson, University of Florida***“The State of nPOD”* | Salons E & F(*3rd Floor*) |
| 8:30 AM – 9:15 AMSession 3 | **George Eisenbarth Memorial Lecture:****Gerald Nepom, Benaroya Research Institute** *“Utilizing Mechanistic Studies to Drive Clinical Trials for the Prevention and Reversal of T1D”* | Salons E & F(*3rd Floor*) |
| 9:15 AM – 10:45 AMSession 4 | **Cutting Edge Seminars I:** **Lessons from Other Autoimmune Diseases****Co-Chairs: Richard Insel & Matthias von Herrath** [3 talks: 25 min each]**John Harris, University of Massachusetts***“Translational Research in Vitiligo: Launching a New Era of Targeted Treatment”***James Krueger, Rockefeller University***“Highly successful therapeutic targeting guided by deep phenotyping in a common autoimmune disease”***Bana Jabri, University of Chicago**“*Tissue Mediated Control of Effector T Cell Responses*” | Salons E & F(*3rd Floor*) |
| 10:45 AM – 11:15 AM | **BREAK** | --- |
| 11:15 AM – 12:00 PMSession 5 | **Discussion Session:****Lessons from Other Autoimmune Diseases** Led by Richard Insel & Matthias von Herrath | Salons E & F(*3rd Floor*) |
| **Monday, February 22, 2016 (continued)** |
| **Time** | **Function** | **Location** |
| 12:00 PM - 1:00PMSession 6 | **Oral Abstracts I:****β Cell Biology/β Cells in T1D****Co-Chairs: Raghu Mirmira & Chris Rhodes**[Each Abstract (15 min) = 10 min talk + 5 min Q&A]**Lina Sui, Columbia University (PI: Dieter Egli)***“Understanding Beta Cell Dysfunction Using Human Induced Pluripotent Stem Cells”***Carol Lam, Baylor College of Medicine (PI: Jake Kushner)***“Novel Highly Proliferative Islet Endocrine Cell Population in Human Pancreata”***May Sanyoura, University of Chicago (PI: Siri Greeley)***“The Histology of Monogenic Diabetes”***Teresa Rodriguez-Calvo, La Jolla Institute for Allergy and Immunology (PI: Matthias von Herrath)***“Increase in Insulin Positive Area and Beta Cell Function during the Pre-diabetic Phase in Type 1 Diabetes”* | Salons E & F(*3rd Floor*) |
| 1:00 PM – 2:00 PM | **LUNCH** | Bay Front Terrace(*1st Floor*) |
|
| 2:00 PM – 3:45 PMSession 7 | **Cutting Edge Seminars II: Immunology/Inflammation****Co-Chairs: Alberto Pugliese & Manuela Battaglia**[4 talks: 25 min each]**Emil Unanue, Washington University***“Nature of Insulin Presentation in Islets”***John Kappler, National Jewish Health***“Creating CD4 T cell super agonists from pro-insulin in* *human and mouse T1D”***Thomas Delong, UC Denver***“Identification of Hybrid Insulin Peptides in beta-cell Extracts”***Décio Eizirik, Université libre de Bruxelles***“Viral Infections and Type 1 Diabetes – Why the Beta Cells?”* | Salons E & F(*3rd Floor*) |
| **Monday, February 22, 2016 (continued)** |
| **Time** | **Function** | **Location** |
| 3:45 PM – 4:15 PM Session 8 | **Discussion Session:****Immunology/Inflammation**Led by Alberto Pugliese & Manuela Battaglia | Salons E & F(*3rd Floor*) |
| 4:15 PM – 5:15 PMSession 9 | **Oral Abstracts II:****Etiology of Type 1 Diabetes****Co-Chairs: Garry Fathman & Michael Clare-Salzler**[Each Abstract (15 min) = 10 min talk + 5 min Q&A]**Éva Korpos, University of Muenster (PI: Lydia Sorokin)***“The Peri-islet basement membrane is a barrier to islet infiltrating leukocytes in transplanted human pancreases”***Ivan Gerling, University of Tennessee Health Science Center***“T1D Pathogenesis: Four Interacting Pathologies Ganging up on the Beta-cells?”***Florence Anquetil, La Jolla Institute for Allergy and Immunology (PI: Matthias von Herrath)**“*In Situ Detection of IDO1 and IL-6 within Pancreatic Islets from Diabetic Subjects as a Biomarker for T1D Patients”***Oskar Skog, Uppsala University (PI: Olle Korsgren)***“Expression of Interferon-Stimulated Genes in Insulitic Islets of Patients Recently Diagnosed with Type 1 Diabetes”* | Salons E & F(*3rd Floor*) |
| 5:15 PM – 6:45 PM  | **Working Group Meeting:****nPOD-Autoimmunity** Led by Alberto Pugliese, Todd Brusko, Sally Kent & Maki Nakayama | Watson Island (*2nd Floor*) |
| 7:00 PM – 9:30 PMSession 10 | **DINNER & AWARDS CEREMONY:****nPOD’s Got Talent** | Lower Pool Deck(*5th Floor*) |

|  |
| --- |
| **Tuesday, February 23, 2016**  |
| **Time** | **Function** | **Location** |
| 7:00 AM – 8:00 AM | **BREAKFAST** | Bay Front Terrace(*1st Floor*) |
| 8:00 AM – 8:45 AMSession 11 | **nPOD Plenary Lecture:****Eoin McKinney, University of Cambridge***“The Role of T Cell Exhaustion in Autoimmunity”* | Salons E & F(*3rd Floor*) |
| 8:45 AM – 9:45 AMSession 12 | **Oral Abstracts III:** **Immunology****Co-Chairs: Bart Roep & John Cambier**[Each Abstract (15 min) = 10 min talk + 5 min Q&A]**Mia Smith, University of Colorado-Denver (PI: John Cambier)***“Association of the Loss of Anergic, High Affinity Insulin Reactive B Cells with Genetic Risk Alleles in Development of Type 1 Diabetes”***Linda Yip, Stanford University (PI: C. Garrison Fathman)***“Gene Expression Analysis to Examine the Pathogenesis of Type 1 Diabetes and Identify Biomarkers of Disease Risk and Progression”***Sarah Richardson, University of Exeter (PI: Noel Morgan)***“Islet Cell Hyperexpression of Class I HLA in Type 1 Diabetes Correlates with the Selective Upregulation of STAT1 in Beta Cells”***Manuela Battaglia, San Raffaele Diabetes Institute***“Identification of Key Immune Cell Populations in Type 1 Diabetes”* | Salons E & F(*3rd Floor*) |
| 9:45 AM – 10:15 AM | **BREAK** | --- |

|  |
| --- |
| **Tuesday, February 23, 2016 (continued)** |
| **Time** | **Function** | **Location** |
| 10:15 AM – 11:45 AMSession 13 | **Cutting Edge Seminars III:****Islets/β Cells/Pancreas****Co-Chairs: Jake Kushner & Rohit Kulkarni**[3 talks: 25 min each]**Pedro Herrera, University of Geneva***“ Alpha/Beta Cells* ”**Susan Bonner-Weir, Joslin Diabetes Center** *“The Influence of Age in Islet Development: with Emphasis on Postnatal Development”* **Al Powers, Vanderbilt University***“The Influence of Age on Pancreas Development”* | Salons E & F(*3rd Floor*) |
| 11:45 AM – 12:30 PMSession 14 | **Discussion Session:****Islets/β Cells/Pancreas**Led by Jake Kushner & Rohit Kulkarni | Salons E & F(*3rd Floor*) |
| 12:30 PM – 1:30 PM | **LUNCH** | Bay Front Terrace(*1st Floor*) |
| 1:00 PM – 2:00 PM | **Islet Pilot Investigators Meeting**Led by Clayton Mathews | Fisher Island (*3rd Floor*) |
| 1:30 PM – 5:00 PM | **OPTIONAL FREE TIME**(e.g., private meetings, use of hotel amenities, individual travel to Miami Beach) | --- |
| 2:00 PM – 4:00 PMSession 15 | **Meet the Professor Session:** **Aldo Rossini***For trainees and young investigators only!!!* | Bal Harbour Island (*3rd Floor*) |
| 2:00 PM – 4:00 PM | **ITN Consortium Meeting**Led by Mario Ehlers | Watson Island(*2nd Floor*) |
| 2:00 PM – 4:00 PM | **Working Group Meeting:****nPOD-Omics** Led by Garry Fathman & Linda Yip | Bayview Ballroom (*2nd Floor*) |
| 5:00 PM – 8:00 PMSession 16 | **Poster Session (Light hors d’oeuvres)**NOTE: Will be divided in two 90-minute sessions for poster presenters | Salons A/B/C/D/G/H/J/K(*3rd Floor*) |
| 8:00 PM | **DINNER (On your own)** | --- |

|  |
| --- |
| **Wednesday, February 24, 2016 (Half day)** |
| **Time** | **Function** | **Location** |
| 7:00 AM – 8:00 AM | **BREAKFAST** | Bay Front Terrace(*1st Floor*) |
| 8:00 AM – 9:30 AMSession 17 | **Cutting Edge Seminars IV:** **The Pancreas/GI System in Type 1 Diabetes****Co-Chairs: Martha Campbell-Thompson & Dirk Homann**[3 talks: 25 min each]**Shannon Wallet, University of Florida***“Contribution of Innate Immunity within the GI Track to Environmental Triggering of T1D”***Jason Gaglia, Joslin Diabetes Center***“Imaging ß-cell inflammation”***Peter Butler, UCLA***“The Mitochondrial Network for Beta Cells in T1D”* | Salons E & F(*3rd Floor*) |
| 9:30 AM – 10:00 AMSession 18 | **Discussion Session:****The Pancreas/GI System in Type 1 Diabetes**Led by Martha Campbell-Thompson & Dirk Homann | Salons E & F(*3rd Floor*) |
| 10:00 AM – 10:30 AM | **BREAK** | --- |
| 10:30 AM – 11:00 AMSession 19 | **Oral Abstracts IV:****Late Breaking Abstracts****Co-Chairs: Maria Koulmanda & David Harlan**[Each Abstract (15 min) = 10 min talk + 5 min Q&A]**Christina Graves, University of Florida (PI: Shannon Wallet)***“Lack of TLR5-Mediated Intestinal Epithelial Cell Homeostasis Induces Expansion of Pathogenic T Effectors in Type 1 Diabetes: Can Butyrate Come to the Rescue?”***Noel Morgan, University of Exeter***“Differential insulitic profiles determine the extent of beta-cell destruction and the age at onset of type 1 diabetes”* | Salons E & F(*3rd Floor*) |
| 11:00 AM – 11:45 AMSession 20 | **The Heterogeneity of Type 1 Diabetes:**Desmond Schatz, University of FloridaRichard Oram, University of Exeter | Salons E & F(*3rd Floor*) |
| **Wednesday, February 24, 2016 (continued)** |
| **Time** | **Function** | **Location** |
| 11:45 AM – 12:10 PM Session 21 | **Islet Pilot Update:**Clayton Mathews | Salons E & F(*3rd Floor*) |
| 12:10 PM – 12:30 PMSession 22 | **Looking Forward:****Alberto Pugliese, University of Miami***What critical questions about type 1 diabetes or beta cell function could nPOD be addressing and how?*  | Salons E & F(*3rd Floor*) |
| 12:30 PM – 12:40 PMSession 23 | **Update on the NIH HIRN Program:Interactions with nPOD**Olivier Blondel | Salons E & F(*3rd Floor*) |
| 12:40 PM – 12:50 PMSession 24 | **Helmsley Charitable Trust Perspective**Gina Agiostratidou | Salons E & F(*3rd Floor*) |
| 12:50 PM – 1:00 PMSession 25 | **JDRF Perspective**Richard Insel & Julia Greenstein | Salons E & F(*3rd Floor*) |
| **END OF MEETING** |

**We value your feedback.**

**Please fill out the meeting survey at the end of this booklet (green page) and return it to the registration table for a departing gift.**

**Thank you for attending!**