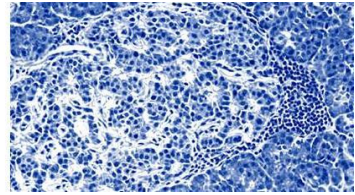




**nPOD**  
 Network for Pancreatic Organ  
 Donors with Diabetes



## Sunday, February 19, 2017

Time	Function	Location
7:00 AM – 5:00 PM	<b>REGISTRATION</b>	Grand Ballroom Foyer (3 <sup>rd</sup> Floor)
8:00 AM – 5:15 PM	<b>Working Group Meetings:</b> Led by Alberto Pugliese, MD	
	8:00 AM – 10:00 AM	<b>nPOD-V</b>
	10:00 AM – 10:15 AM	Break
	10:15 AM – 11:15 AM	<b>nPOD-ECM</b>
	11:15 AM – 12:15 PM	<b>Islet Pilot</b>
	12:15 PM – 1:00 PM	Lunch
	1:00 PM – 2:00 PM	<b>nPOD-O</b>
	2:00 PM – 3:00 PM	<b>nPOD-Slice</b>
	3:00 PM – 3:15 PM	Break
3:15 PM – 5:15 PM	<b>nPOD-A</b>	Caribbean Ballroom I-IV (1 <sup>st</sup> Floor)
5:45 PM – 6:30 PM	<b>OPENING RECEPTION (hors d'oeuvres)</b>	Grand Ballroom Foyer (3 <sup>rd</sup> Floor)
6:30 PM – 7:30 PM Session 1	<p style="text-align: center;"><b>Keynote Address:</b>            Speaker Introduction – Alberto Pugliese, MD</p> <p style="text-align: center;"><b>Stefany Shaheen</b>  <b>Author of <i>Elle &amp; Coach</i></b>  <a href="http://www.elleandcoach.com">http://www.elleandcoach.com</a></p> <p style="text-align: center;"><i>“From Diagnosis to Determination: Finding ways to make life better for people living with diabetes”</i></p>	Grand Ballroom E-F (3 <sup>rd</sup> Floor)
7:30 PM	<b>DINNER (on your own)</b>	---

## Monday, February 20, 2017

Time	Function	Location
7:00 AM – 5:00 PM	<b>REGISTRATION</b>	Grand Ballroom Foyer (3 <sup>rd</sup> Floor)
7:00 AM – 8:00 AM	<b>BREAKFAST</b>	Ocean View Terrace (Courtyard)
8:00 AM – 8:30 AM Session 2	<p><b>Welcome &amp; Introductions:</b> Alberto Pugliese, MD &amp; Mark Atkinson, PhD</p> <p><b>Mark Atkinson, PhD</b> <b>University of Florida</b> <i>“The State of nPOD”</i></p>	Grand Ballroom E-F (3 <sup>rd</sup> Floor)
8:30 AM – 9:15 AM Session 3	<p><b>George Eisenbarth Memorial Lecture:</b> <b>Prof. Dr. Anette-Gabriele Ziegler</b> <b>Technische Universität München</b></p> <p><i>“Programming, Detection, and Modification of Early Postnatal Beta Cell Autoimmunity”</i></p>	Grand Ballroom E-F (3 <sup>rd</sup> Floor)
9:15 AM – 10:45 AM Session 4	<p><b>Cutting Edge Seminars I:</b> <b>Lessons from Other Autoimmune Diseases</b> [3 talks: 25 min each]</p> <p><b>Bana Jabri, MD, PhD</b> <b>University of Chicago</b> <i>“Tissue Mediated Control of Effector T Cell Responses”</i></p> <p><b>Angela Christiano, PhD</b> <b>Columbia University</b></p>	Grand Ballroom E-F (3 <sup>rd</sup> Floor)

	<p><i>"Alopecia Areata: Type 1 Diabetes of the Hair Follicle?"</i></p> <p><b>Joseph Bass, MD, PhD</b>  <b>Northwestern University</b>  <i>"Genomic Basis for the Circadian Control of Beta Function and Disease"</i></p>	
10:45 AM – 11:15 AM	<b>BREAK</b>	Grand Ballroom Foyer (3 <sup>rd</sup> Floor)
11:15 AM – 12:00 PM Session 5	<b>Discussion Session: Lessons from Other Autoimmune Diseases</b>	Grand Ballroom E-F (3 <sup>rd</sup> Floor)
12:00 PM - 1:00PM Session 6	<p><b>Oral Abstracts I: β Cell Biology/β Cells in T1D</b></p> <p>[Each Abstract (15 min) = 10 min talk + 5 min Q&amp;A]</p> <p><b>Co-Chairs: Susan Bonner-Weir, PhD</b></p> <p><b>Paul Bollyky, MD, D.Phil</b>  <b>Stanford University Medical Center</b>  <i>"Inflamed Islet Extracellular Matrix Promotes Beta Cell Death"</i></p> <p><b>Emily Sims, MD</b>  <b>Indiana University School of Medicine</b>  <b>(PI: Carmella Evans-Molina, MD, PhD)</b>  <i>"Dysfunctional Proinsulin Processing in Longstanding Type 1 Diabetes"</i></p> <p><b>Teresa Rodriguez-Calvo, PhD</b>  <b>La Jolla Institute for Allergy and Immunology</b>  <b>(PI: Matthias von Herrath, MD)</b>  <i>"Increase in Pancreatic Proinsulin and Preservation of Beta Cell Mass in Autoantibody Positive Donors Prior to Type 1 Diabetes Onset"</i></p>	Grand Ballroom E-F (3 <sup>rd</sup> Floor)

	<p><b>Joseph Canzano, BS</b>  <b>University of Florida</b>  <b>(PI: Martha Campbell-Thompson, DVM, PhD)</b>  <i>“Endocrine Microvascular Alterations in Type 1 Diabetes”</i></p>	
1:00 PM – 2:00 PM	<b>LUNCH</b>	Ocean View Terrace (Courtyard)
2:00 PM – 3:30 PM Session 7	<p><b>Cutting Edge Seminars II:  Immunology/Inflammation</b>  [3 talks: 25 min each]</p> <p><b>Co-Chairs: Matthias von Herrath, MD and  David Serreze, PhD</b></p> <p><b>Alex Marson, MD, PhD</b>  <b>University California San Francisco</b>  <i>“Reading and Re-Writing the Genetic Risk of Type 1  Diabetes”</i></p> <p><b>Carolin Daniel, PhD</b>  <b>Helmholtz Zentrum München</b>  <i>“CD4+ T Cell Features Associated with Onset or  Progression of Human Islet Autoimmunity”</i></p> <p><b>Todd Brusko, PhD</b>  <b>University of Florida</b>  <i>“Immunosequencing of the Adaptive Immune Repertoire  in T1D”</i></p>	Grand Ballroom E-F (3 <sup>rd</sup> Floor)
3:30 PM – 4:15 PM Session 8	<p><b>Discussion Session:  Immunology/Inflammation</b>  Led by Matthias von Herrath, MD and David Serreze, PhD</p>	Grand Ballroom E-F (3 <sup>rd</sup> Floor)
4:15 PM – 5:15 PM Session 9	<p><b>Oral Abstracts II:  Etiology of Type 1 Diabetes</b>  [Each Abstract (15 min) = 10 min talk + 5 min Q&amp;A]</p> <p><b>Co-Chairs: Åke Lernmark, MD</b></p>	Grand Ballroom E-F (3 <sup>rd</sup> Floor)

	<p style="text-align: center;"><b>Julius Nyalwidhe, PhD</b>  <b>Eastern Virginia Medical School</b>  <b>(PI: Jerry Nadler, MD)</b>  <i>“Proteomics and Mass Spectrometry Applications:  Towards Understanding the Etiology of Type 1 Diabetes”</i></p> <p style="text-align: center;"><b>Dr. Laura Nigi, MD, PhD</b>  <b>University of Siena</b>  <b>(PI: Prof. Francesco Dotta, MD)</b>  <i>“Increased Neutrophil Infiltration in Pancreas of Type 1  Diabetic Patients from DiViD, nPOD and nPOD-T Cohorts”</i></p> <p style="text-align: center;"><b>Sarah Richardson, PhD</b>  <b>University of Exeter Medical School</b>  <b>(PI: Noel Morgan, PhD)</b>  <i>“Two Phases of Beta Cell Decline in Type 1 Diabetes”</i></p> <p style="text-align: center;"><b>Sandrine Levet</b>  <b>PhD, Geneuro Innovation</b>  <b>(PI: Hervé Perron, PhD)</b>  <i>“The Envelope Protein of Human Endogenous Retrovirus  Type W is Abnormally Expressed in T1D Patients, Impairs  Insulin Secretion and Causes Hyperglycemia”</i></p>	
5:15 PM – 7:00 PM	<b>Break</b>	Grand Foyer E-F (3 <sup>rd</sup> Floor)
7:00 PM – 9:30 PM Session 10	<b>DINNER &amp; AWARDS CEREMONY: nPOD’s Got Talent II</b>	Ocean View Terrace (Courtyard)

## Tuesday, February 21, 2017

Time	Function	Location
7:00 AM – 8:00 AM	<b>BREAKFAST</b>	Ocean View Terrace (Courtyard)
8:00 AM – 8:45 AM Session 11	<b>nPOD Plenary Lecture:</b> <b>Markus Grompe, MD</b> <b>Oregon Health &amp; Science University</b> <i>“Human Beta-Cell Subtypes”</i>	Grand Ballroom E-F (3 <sup>rd</sup> Floor)
8:45 AM – 9:45 AM Session 12	<b>Oral Abstracts III:</b> <b>Immunology</b> [Each Abstract (15 min) = 10 min talk + 5 min Q&A]  <b>Co-Chairs: Michele Youd, PhD and Jerry Nadler, MD</b>  <b>Jorge Postigo, PhD</b> <b>Columbia University</b> <b>(PI: Remi Creusot, PhD)</b> <i>“Comparative Analysis of Antigen Presenting Cell Subsets from the Pancreatic Lymph Nodes of Control and T1D Donors”</i>  <b>Somayeh Sabouri, PhD</b> <b>La Jolla Institute for Allergy and Immunology</b> <b>(PI: Matthias von Herrath, MD)</b> <i>“MHC Class I Localization in the Pancreatic Islets of T1D Donors”</i>  <b>Rocky Baker, PharmD</b> <b>University of Colorado, Denver</b> <b>(PI: Kathryn Haskins, PhD)</b> <i>“Hybrid Insulin Peptides as Biomarkers in T1D”</i>	Grand Ballroom E-F (3 <sup>rd</sup> Floor)

	<p><b>Èva Korpos, Dr. PhD</b>  <b>University of Muenster*</b>  <b>(PI: Prof. Dr. Lydia Sorokin)</b>  <i>“Tertiary Lymphoid-like Organs in Human Type 1 Diabetes”</i>  *Supported by HCT nPOD grant/ECM group</p>	
9:45 AM – 10:15 AM	<b>BREAK</b>	Grand Ballroom Foyer (3 <sup>rd</sup> Floor)
10:15 AM – 11:45 AM Session 13	<p><b>Cutting Edge Seminars III:</b>  <b>β Cells/Stem Cells</b>  [3 talks: 25 min each]</p> <p><b>Co-Chairs: Al Powers, MD</b></p> <p><b>Jake Kushner, MD</b>  <b>Baylor College of Medicine</b>  <i>“Resolving the Betatrophin Controversy: Collaborative Methodologies to Enhance Scientific Rigor and Reproducibility in Type 1 Diabetes Research”</i></p> <p><b>Dieter Egli, PhD</b>  <b>Columbia University</b>  <i>“Beta Cell Replacement for Type 1 Diabetes – A Functional Comparison of Human iPS and ES Cells in Mice”</i></p> <p><b>Matthias Hebrok, PhD</b>  <b>University of California San Francisco</b>  <i>“Generating and Interrogating Functional Human Beta Cells From Stem Cells”</i></p>	Grand Ballroom E-F (3 <sup>rd</sup> Floor)
11:45 AM – 12:30 PM Session 14	<p><b>Discussion Session:</b>  <b>Islets/β Cells/Pancreas</b>  Led by Al Powers, MD</p>	Grand Ballroom E-F (3 <sup>rd</sup> Floor)
12:30 PM – 1:30 PM	<b>LUNCH</b>	Ocean View Terrace (Courtyard)
1:30 PM – 6:00 PM	<b>FREE TIME</b>	---

4:30 PM – 6:00 PM	<p align="center"><b>Meet the Professor Session:</b>  <b>Åke Lernmark, PhD</b>  <b>Lund University</b>  <i>For trainees and young investigators only</i></p>	TBD
6:00 PM – 8:00 PM Session 16	<p align="center"><b>Poster Session (Light hors d'oeuvres)</b></p>	Grand Ballroom F-K (3 <sup>rd</sup> Floor)
8:00 PM	<p align="center"><b>DINNER (On your own)</b></p>	---



## Wednesday, February 22, 2017 (Half day)

Time	Function	Location
7:00 AM – 8:00 AM	<b>BREAKFAST</b>	Ocean View Terrace (Courtyard)
8:00 AM – 9:30 AM Session 17	<p style="text-align: center;"><b>Cutting Edge Seminars IV: The Islets/Pancreas in Type 1 Diabetes</b></p> <p style="text-align: center;"><b>Co-Chairs: Clayton Mathews, PhD and Sarah Richardson, PhD</b> [3 talks: 25 min each]</p> <p style="text-align: center;"><b>Edward Phelps, PhD</b> <b>University of Florida</b> <i>“Cell Biology of the GAD65 Autoantigen in Pancreatic Islets During ER Stress and Autoimmunity”</i></p> <p style="text-align: center;"><b>Bart Roep, MD, PhD</b> <b>City of Hope</b> <i>“CD8 Autoimmunity to Islet Neo-Antigen”</i></p> <p style="text-align: center;"><b>Scott Oakes, MD</b> <b>University of California San Francisco</b> <i>“Role of the Unfolded Protein Response in Pancreatic Neuroendocrine Tumors”</i></p>	Grand Ballroom E-F (3 <sup>rd</sup> Floor)
9:30 AM – 10:00 AM Session 18	<p style="text-align: center;"><b>Discussion Session: The Pancreas/GI System in Type 1 Diabetes</b></p> <p style="text-align: center;">Led by Clayton Mathews, PhD and Sarah Richardson, PhD</p>	Grand Ballroom E-F (3 <sup>rd</sup> Floor)
10:00 AM – 10:15 AM	<b>BREAK</b>	Grand Ballroom Foyer (3 <sup>rd</sup> Floor)

<p>10:15 AM – 10:45 AM Session 19</p>	<p><b>Oral Abstracts IV: Late Breaking Abstracts</b> [Each Abstract (15 min) = 10 min talk + 5 min Q&amp;A]</p> <p><b>Co-Chairs: Marc Horwitz, PhD and Marika Bogdani, MD, PhD</b></p> <p><b>Jolanda Gerosa, MS (PI: Georgia Foustero, PhD) San Raffaele Scientific Institute</b> <i>“Altered Expression of PD-1 and ICOS in Follicular Helper T Cells in the Spleen and Pancreatic Lymph Nodes of Patients with Type 1 Diabetes”</i></p> <p><b>Clayton Mathews, PhD University of Florida</b> <i>“Bioenergetic Failure is a Common Feature of Beta Cells in T1D Patients”</i></p>	<p>Grand Ballroom E-F (3<sup>rd</sup> Floor)</p>
<p>10:45 AM – 11:45 PM Session 20</p>	<p><b>The Heterogeneity of Type 1 Diabetes:</b> [Each Abstract (15 min) = 10 min talk + 5 min Q&amp;A]</p> <p><b>Co-Chairs: Desmond Schatz, MD and Raghavendra Mirmira, MD, PhD</b></p> <p><b>RDG Leslie, MBBS, MD Blizard Institute</b> <i>“Relative Contribution of Type 1 Diabetes and Type 2 Diabetes Loci to the Genetic Etiology of Adult-Onset Non- Insulin Requiring Autoimmune Diabetes”</i></p> <p><b>Rachana Haliyur, MD, PhD Vanderbilt University (PI: Al Powers, MD, Vanderbilt University)</b> <i>“Integrated Analysis of the Pancreas and Islets of a 22- year-old male with 8 years of Type 1 Diabetes”</i></p> <p><b>Maria Redondo, MD, PhD, MPH Baylor College of Medicine</b> <i>“Immunologic and Metabolic Characteristics of TCF7L2 SNP Variant Carriers at the Onset of T1D in TrialNet Participants”</i></p>	<p>Grand Ballroom E-F (3<sup>rd</sup> Floor)</p>

	<p><b>Richard Oram, MD, PhD</b>  <b>University of Exeter Medical School</b>  <i>"Genetic Markers of Heterogeneity in T1D"</i></p>	
<p>11:45 AM – 12:00 PM  Session 22</p>	<p><b>Looking Forward:</b>  <b>Alberto Pugliese, MD</b>  <b>University of Miami</b></p>	<p>Grand Ballroom E-F  (3<sup>rd</sup> Floor)</p>
<p><b>END OF MEETING</b></p>		

The 2017 nPOD meeting is made possible through the generous support of the JDRF-Helmsley Charitable collaboration.



*Commitment • Collaboration • Results*