### 8th Annual Frontiers in Diabetes Research Symposium

**Berg Hall, Li Ka Shing Center, 291 Campus Drive**
**April 26th, 2024**

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<td>09:00 - 09:45 am</td>
<td>Registration, Networking &amp; Poster Preparation (Coffee &amp; Breakfast)</td>
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| 09:45 - 10:00 am | **INTRODUCTION**
Seung Kim, MD, PhD, Director of Stanford Diabetes Research Center; KM Mulberry Professor, Department of Developmental Biology and Department of Medicine, Stanford University |
| 10:00 - 11:00 am | **KEYNOTE SPEAKER** (Introduction by Anna L. Gloyn, DPhil, Professor, Department of Pediatrics and Department of Genetics, Stanford University)
A James Shapiro, MD, Canada Research Chair in Transplantation Surgery & Regenerative Medicine, University of Alberta, CA: *Talk Title TBA* |
| 11:00 - 11:10 am | Bio Break                                                                                      |
| 11:10 am - 12:10 pm | **SESSION 1: Islet transplantation and immune tolerance** (Moderator: Marina Basina, MD, Clinical Professor, Department of Medicine, Stanford University)
11:10 - 11:30 am | Stephan Busque, MD, Professor, Department of Surgery, Stanford University, and Everett Meyer, MD, Associate Professor, Department of Medicine and Department of Pediatrics, Stanford University: *(15 mins + 5 mins)*
*The SPIRIT program: update on clinical allogeneic islet transplantation at Stanford*
| 11:30 - 11:50 am | Avnesh Thakor, MD, PhD, Associate Professor, Department of Radiology, Stanford University: *(15 mins + 5 mins)*
*Islet Transplantation – a journey of pancreatic islets to their new home*
| 11:50 am - 12:10 pm | Preksha Bhagchandani, MD and PhD Student, Department of Medicine, Stanford University: *(15 mins + 5 mins)*
*Advancing islet transplantation for autoimmune diabetes through bone marrow chimerism*
| 12:10 - 12:30 pm | Lightning talks from Trainees (10 trainees present a 90 sec elevator pitch)                     |
| 12:30 - 2:00 pm | **POSTER SESSION & LUNCH**                                                                     |
| 2:00 - 3:00 pm | **KEYNOTE SPEAKER** (Introduction by David Maahs, MD, PhD, Lucile Salter Packard Professor, Department of Pediatrics, Stanford University)
Melena Bellin, MD, Co-Director, Total Pancreatectomy and Islet Auto-transplant Program, Albert D. and Eva J. Cornelia Chair, University of Minnesota, USA: *Lessons Learned from Clinical Islet Autotransplantation* |
| 3:00 - 4:00 pm | **SESSION 2: Autologous islet transplantation at Stanford** (Moderator: Marc Melcher, MD, PhD, Professor, Department of Surgery, Stanford University)
3:00 - 3:20 pm | Walter Park, MD, Associate Professor, Department of Medicine, Stanford University: *(15 mins + 5 mins)*
*The Stanford TPIAT Experience*
| 3:20 - 3:40 pm | Varvara Kirchner, MD, Associate Professor, Department of Surgery, Stanford University: *(15 mins + 5 mins)*
*TPIAT: Surgical Considerations and Evolution of Techniques* |
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| 3:40 - 4:00 pm | Andrea D’Aquino, PhD, Postdoctoral Scholar, Appel Lab, Department of Materials Science & Engineering, Stanford University: (15 mins + 5 mins)  
“Sustained Delivery of GLP-1 Receptor Agonists from Biomimetic Hydrogels Improves Treatment of Diabetes” |
| 4:00 - 4:15 pm | Afternoon Tea & Biscuits                                             |
| 4:15 - 4:50 pm | PANEL DISCUSSION (Moderator: Korey Hood, PhD, Professor, Department of Pediatrics, Department of Psychiatry and Behavioral Sciences, Stanford University)  
**Topic:** Is the future of Diabetes Treatment Islet transplantation, cell replacement or technology?  
Panel:  
- Karen Jordan, MBA, JDRF Board of Directors  
- Melena Bellin, MD, Co-Director, Total Pancreatectomy and Islet Auto-transplant Program, Albert D. and Eva J. Cornelia Chair, University of Minnesota  
- Everett Meyer, MD, Associate Professor, Department of Medicine and Department of Pediatrics, Stanford University  
- David Maahs, MD, PhD, Lucile Salter Packard Professor, Department of Pediatrics, Stanford University  
- Varia Kirchner, MD, Associate Professor, Department of Surgery, Stanford University |
| 4:50 - 5:00 pm | Announcements & Closing Remarks                                      |

We gratefully acknowledge the generous grant for this conference provided by:  
National Institutes of Health/National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)  
Grant No. P30DK116074