New Investigator Accomplishments: August 2021

- **Career**
  - Juan Alvarez, PhD: Promoted to Assistant Professor in the Department of Cell and Developmental Biology at the University of Pennsylvania (January 1, 2022)
  - Leonardo M. R. Ferreira, PhD: Promoted to Assistant Professor of Microbiology and Immunology, Medical University of South Carolina and Hollings Cancer Center (July 1, 2021)
New Investigator Accomplishments: August 2021

**New Grant Award**
- Rafael Arrojo e Drigo, PhD: Recipient of two awards:
  - Pilot and Feasibility (P&F) Award from Vanderbilt Diabetes Center (P30 DK020593)
  - dkNET New Investigator Pilot Program in Bioinformatics
- Vira Kravets, PhD: 2021 Recipient of a Burroughs Wellcome Fund, Career Awards at the Scientific Interface for the “Beta Cell Networks and Neural Interactions in Healthy and Diabetic Conditions”
- Amelia Linnemann, PhD: Receipt of 1st NIH NIDDK R01 Grant Award for the “Autophagy/Antioxidant Response Coupling in Pancreatic Beta-Cell Homeostasis Regulation”
New Investigator Accomplishments: August 2021

- **Research Accomplishment**
  - Sangeeta Dhawan, PhD: Created a pancreatic progenitor lineage KO of the de novo methyltransferase Dnmt3a, established that early developmental regulation of new DNA methylation patterns is essential post-natal beta cell identity/function

- **Scientific Presentation:**
  - Sangeeta Dhawan, PhD: Presentation at the 81st ADA sessions was chosen as President’s select abstract: Epigenetic Regulation of Functional Beta-Cell Mass by Cohesin Smc3 by Want et al.
New Investigator Accomplishments: August 2021

- **Research Publication(s)**
  
  - Eddie James, PhD: “Means, Motive, and Opportunity: Do Non-Islet-Reactive Infiltrating T Cells Contribute to Autoimmunity in Type 1 Diabetes?” in *Frontiers in Immunology*. 2021 by Rodriguez-Calvo et al
  
  - Robert Sharp, PhD: The Immunoregulatory Role of the Signal Regulatory Protein Family and CD47 Signaling Pathway in Type 1 Diabetes” in *Frontiers in Immunology*. 2021 by Sharp et al (in review)


- Holger Russ, PhD: “Generation of functional human thymic cells from induced pluripotent stem cells. *Journal of Allergy and Clinical Immunology*. 2021 by Ramos et al.