

# Diabetes and Metabolism Seminar Series

University of Washington



## Islet Workshop

April 25th, 2024 12:30pm - 4:00pm, F107

Half-day Symposium [Register at: diabetesmetabseminars.com](https://diabetesmetabseminars.com)

12:25 **Introductory Remarks**

**Michael Ailion, PhD**

12:30 Associate Professor, Department of Biochemistry

*A Secretory Granule Biogenesis Pathway that Bypasses the Golgi?*

**Ian Sweet, PhD**

1:00 Research Associate Professor, Division of Metabolism, Endocrinology and Nutrition

*Pathogenic Action of GAD65 Autoantibodies on Islet Function in Type 1 Diabetes: A Path to Prevention*

**Sakeneh Zraika, PhD**

1:30 Research Associate Professor, Division of Metabolism, Endocrinology and Nutrition

*Novel Regulators of Beta-Cell Function and Mass*

2:00 **Break**

**Emerson Carmona, PhD**

2:15 Postdoctoral Fellow, Department of Physiology and Biophysics

*The Voltage-Gated Proton Channel (Hv1) as a New Regulator of GSIR in Pancreatic Beta-Cells*

**Chrystal Guzman**

2:30 Graduate Student, Department of Pharmacology

*Role of MicroRNAs and Cell-cell Communication in the Differentiation of Pluripotent Stem Cells Toward the Pancreatic Islet Cell Lineage*

**Kaya Keutler**

2:45 Graduate Student, Oregon Health and Science University

*Deciphering the Islet - Pancreatic Hormones and their Role in Islet Growth and Formation*

3:00 **Break**

**Keynote Lecture: Amelia Linnemann, PhD**

3:15 Associate Professor, Indiana University

*In Vivo Imaging of Beta Cell Stress Response*

