

SFD-islets symposium 2025
Institut Necker, Paris

PROGRAMME D1 – March 31, 2025

- 16:00  Introduction by **Amélie Bonnefond** and **Safia Costes**
- SESSION 1 : Newly discovered pathways in pancreatic islets and their role in T2D**
- 16:15  **Mostafa Bakhti** (Helmholtz, Munich).
Dissecting Novel Cellular Processes Regulating Insulin Secretion
- 16:50  **Magalie Ravier** (Institut de Génomique Fonctionnelle, Montpellier).
Dissecting the action of GLP-1R and GIPR dual agonists in pancreatic beta-cells
- 17:25  **Caroline Bonner** (Translational Research Laboratory for Diabetes, Lille).
*Emerging Regulatory Mechanisms of Hormone Secretion:
Differential Effects of Antidiabetic Drugs on Pancreatic Islets*

PROGRAMME D2 – April 01, 2025

- SESSION 2 :**
(Epi)genomics of pancreatic islets: towards new culprits involved in T2D
- 09:00  **Frédéric Oger** (Functional (Epi)genomics and Mechanisms of Type 2 Diabetes, Lille).
Ghost proteome of the pancreatic beta cell
- 09:35  **Benoit Hastoy** (Oxford University).
Leveraging AI for genetic target identification in Type 2 Diabetes and functional validation
- 10:10  **Miriam Cnop** (Université Libre de Bruxelles).
Large-scale eQTL analyses in islets
- 10:45  **Break**
- SESSION 3 : The emancipation of alpha and delta cells and their role in diabetes**
- 11:05  **Patrick Rorsman** (University of Gothenburg).
Small but mighty delta-cells
- 11:40  **Eva M. Bru Tari** (University of Geneva).
Human beta-cell pseudoislets
- 12:15  **Irene Cozar-Castellano** (University of Valladolid).
Role of the primary cilium in glucagon secretion and alpha-cells paracrine signaling