



Egid.

European  
Genomic  
Institute  
for Diabetes

# Think -Tank E.G.I.D

Grand Amphithéâtre - Faculté de Chirurgie Dentaire  
Place de Verdun, 59 000 Lille

10:00 **Introduction** Pr Philippe FROGUEL

10:10 **Key note speaker: Dr Nicolas VENTECLEF**

Group Leader, Immunity and Metabolism  
of Diabetes, Institut Necker Enfants Malades,  
Paris, FRANCE  
Plasticity of Monocytes in Type 2 Diabetes

## Session 1:

**Chairmen: Dr Amélie BONNEFOND & Dr Vincent PRÉVOT**

11:00 Jérôme EECKHOUTE UMR 1011  
An Extended Transcription Factor Regulatory  
Network Involving Stabilization Loops Controls  
Hepatocyte Identity

11:20 Arnaud DANCE UMR 1283/8199  
Functional Genomics Highlights Type 2 Diabetes-  
Associated Purinergic Receptor P2RY1 as a new  
Modulator of Insulin Secretion in Humans

11:40 Eleonora DELIGIA UMR 1172  
Metformin Rescues Tanycyte-Mediated Leptin  
Transport Into the Brain of DIO Mice

12:00 **LUNCH**

## Session 2:

**Chairmen: Dr Hélène DUEZ & Dr Marc-Emmanuel DUMAS**

13:30 Mehdi MAANAOUI UMR 1190  
Major clinical outcomes after islet transplantation

13:50 Sarah MEULEBROUCK UMR 1283/8199  
Pathogenic Mutations in NTRK2 Contribute to  
Monogenic Obesity or Metabolic Syndrome Depending  
on its Isoform

14:10 Fatima TIMZOURA UMR 1172  
LRP2 Function in the Control of Leptin Transport by  
Hypothalamic Tanycytes

14:30 Mickael ROSA UMR 1011  
IL2RA: an Inflammatory Marker Causally Associated  
With COVID-19 Severity in Patients at High Risk of Liver  
Fibrosis

15:00 **BREAK**

## Session 3:

**Chairmen: Dr Caroline BONNER & Dr Philippe LEFEBVRE**

15:30 Fanny LALLOYER UMR 1011  
RYGB Induces Hepatic Transcriptomic Signatures and  
Plasma Metabolite Changes Indicative of Improved  
Cholesterol Homeostasis

15:50 Isaline LOUVET UMR 1190  
Recombinant PSP/reg Treatment Improves Beta  
Cell Function in Islets Isolated From Glucose Intolerant  
and Type 2 Diabetic Donors

16:10 Amna KHAMIS UMR 1283/8199  
Systems Biology Approach Reveals Tissue-Specific DNA  
Methylation Dynamics With Age

16:30 Pr Bart STAELS & Pr François PATTOU **Conclusion**



Registration: [www.egid.fr](http://www.egid.fr) - Deadline: 28<sup>th</sup> June 2023