

June 14th, 2019

TRANSLATIONAL RESEARCH ON DIABETIC CARDIOMYOPATHY

Biopark Auditorium
11, rue Watt, Paris 13^e

Program

- 8:30 am Welcome
- 8:50 am Introduction
Christian Boitard, Director ITMO Pathophysiology Metabolism Nutrition
- SESSION 1: PATHOPHYSIOLOGICAL BASIS OF MYOCARDIAL ALTERATION**
Chairs: Jérémy Fauconnier, Montpellier - Xavier Prieur, Nantes - Bart Staels, Lille
- 9:00 am Role of EPAC1 in diabetic cardiomyopathy - Frank Lezoualc'h, Toulouse
- 9:15 am Disruption of reticulum-mitochondria contact sites in metabolic diseases: from type 2 diabetes to diabetic cardiomyopathy - Jennifer Rieusset, Lyon
- 9:30 am NAD metabolism and signaling in heart diseases - Mathias Mericskay, Chatenay Malabry
- 9:45 am Myocardial metabolic remodeling and protective role of AMPK - Luc Bertrand, Bruxelles
- 10:00 am Joint Discussion
- 10:15 am Coffee Break
- SESSION 2: ENVIRONMENT AND DIABETES**
Chairs: Hélène Duez, Lille - Bénédicte Gaborit, Marseille - Nicolas Venteclef, Paris
- 10:30 am Impact of obesity and fat tissue - Maria Pini, Créteil
- 10:50 am Impact of immunity and microbiota - Agnès Lehuen, Paris
- 11:10 am Keynote lecture
Metabolism and cell senescence - Elizabeth Blackburn, San Francisco
- 11:45 am Joint Discussion
- 12:00 pm Lunch break - Posters visit

SESSION 3: WHICH CLINICAL PHENOTYPING ?

Chairs: Monique Bernard, Marseille - Geneviève Derumeaux, Créteil
Samy Hadjadj, Nantes

- 2:00 pm **Cardiac imaging options to study DCM** - Jan D'hooge, Leuven
- 2:15 pm **Microvascular dysfunction in diabetes related heart failure** - Chim Lang, Dundee
- 2:30 pm **Ultrafast UltraSound Imaging** - Mickael Tanter, Paris
- 2:45 pm **Metabolomics for clinical phenotyping** - Christophe Junot, Saclay
- 3:00 pm **Joint Discussion**
- 3:15 pm **Moderated Poster Discussion**
Discussants: Fabrizio Andreelli, Paris - Marion Laudette, Toulouse -
David Montaigne, Lille - Laetitia Pereira, Châtenay Malabry

SESSION 4: DIABETIC CARDIOMYOPATHY EVOLUTIVITY

Chairs: Philip Janiak, Chilly Mazarin - Michel Marre, Paris -
Dominique Valla, Paris

- 4:30 pm **Health trajectories: Sleep apnea as a user case** - Jean-Louis Pépin, Grenoble
- 4:45 pm **Patterns of comorbidities in type 2 diabetes** - Corneliu Henegar, Créteil
- 5:00 pm **Endothelial dysfunction in HFpEF** - Thierry Couffinhal, Bordeaux
- 5:15 pm **Joint Discussion**
- 5:30 pm **Conclusion:** Geneviève Derumeaux, Network coordinator