PROGRAM

8:30 - 9:00 Welcome coffee

9:00 - 9:10 Introduction
Didier Samuel, PdG Inserm

9:10 - 9:15 Program overview
Anne Eichmann & Denis Vivien
Scientific organizers

Session 1- Epidemiology and genetics of neurological and cardiovascular diseases

9:15 - 9:45 Keynote lecture
Stéphanie Debette *(Bordeaux Population Health Research Center)*
Epidemiology and genetics of neurocardio-vascular diseases, similarities and differences

9:45 Yannick Béjot *(PEC2, Dijon)*
Epidemiological connections between atrial fibrillation and stroke

10:05 Jean-Philippe Empana *(PARCC, Paris)*
Epidemiological study of cardiovascular and mental health risk factors

10:25 Anne Joutel *(IPNP, Paris)*
Cerebral small vessel disease

10:45 -11:00 Coffee break

Session 2- Imaging of heart and brain vasculature

11:00 - 11:30 Keynote lecture
Mickaël Tanter *(ESPCI, Paris)*
Functional Ultrasound imaging of the cardiovascular system up to the microscopic scale

11:30 Maxime Gauberti *(PhIND, Caen)*
Molecular imaging of heart and brain vasculature

11:50 Stéphanie Lenck *(Brain Institute,Paris)*
Neurovascular regulation of brain waste clearance

12:10 Mikaël Mazighi *(Université Paris Cité)*
Diagnostic & biomarkers

12: 30 - 14:00 Lunch

Session 3- Blood and lymphatics in the heart and the brain

14:00 - 14:30 Keynote lecture
Ebba Brakenhielm *(ENVI, Rouen)*
Cardiac lymphatics - roles beyond fluid drainage in the heart

14:30 Nicolas Rénier *(Brain Institute, Paris)*
Structural plasticity of the cerebral vasculature under physiological conditions: rewiring the plumbing when nothing bad happens ?

14:50 Kevin Boyé *(PARCC, Paris)*
Regulation of blood-brain barrier integrity

15:10 Ines Martinez Corral *(LilNCog, Lille)*
Function of circumventricular organs

15:30-17:20 Round table
Anne Eichmann & Denis Vivien

17:20 -17:30 Conclusion
Chantal Boulanger & Etienne Hirsch
Directors of IT PMN & Neuro

17:30 Informal discussion over a cocktail