

Draft Agenda ERN-Workshop: Functional exploration of genetic variants in cardiac diseases

Venue t.b.d.

Day 1. Tuesday 14th june 2022

Time	Speaker and Affiliation	Session name/Topic
9am – 10am	Philippe Chevalier – Hospices Civils de Lyon (FR)	Opening/Introduction
10am – 12am	Milena Belin - University of Leiden (NL)	Engineered models of the human heart: Directions and challenges
2pm – 3pm	Rold Bodmer - Sanford Burnham Prebys Medical Discovery Institute, San Diego (US)	Heart Disease/AFib screening platform in Drosophila and human iPSC-derived atrial-like cardiomyocytes
3pm – 4pm	Karen Ocorr - Sanford Burnham Prebys Medical Discovery Institute, San Diego (US)	Screening of GWAS and prioritized AFib candidate genes in arrhythmia-sensitized genetic model systems
4pm – 5pm	Mohamed Chahine, Université Laval, Quebec City (CA)	Patch clamp to investigate genetic variants

Day 2. Wednesday 15th june 2022

Time	Speaker and Affiliation	Session name/Topic
9am – 10am	Thomas Boulin – INMG - Université Claude Bernard Lyon 1 (FR)	Genetic approaches in the model nematode <i>C. elegans</i>
10am – 11pm	Jean-Louis Bessereau – Université Claude Bernard Lyon 1 (FR)	Genetic approaches in the model nematode <i>C. elegans</i>
11pm – 12pm	Christophe Jagla – Université Clermont Auvergne (FR)	Genetic approaches in the drosophila model
2pm – 3pm	Chris Jopling – CNRS, Institut de génomique	Zebrafish cardiac arrhythmia models and



	fonctionnelle, Montpellier (FR)	variant pathogenicity testing
3pm - 4pm	Adèle Faucherre - CNRS, Institut de génomique fonctionnelle , Montpellier (FR)	Zebrafish as a model to understand cardiac development and disease
4pm- 5pm	Albano Meli – Inserm – University of Montpellier (FR)	Co-culture of neurones and cardiomyocytes derived from iPS cells

