

Online Workshop on hiPSC-CM Maturation

- 9:00 A.M.** **Opening remarks**
Dr Christian Bergaud, Project coordinator
- 9:05 A.M.** **Electrical stimulation and macrophage function in iPSC-derived Engineered Heart Tissues**
Prof. Michael Monaghan, Trinity College Dublin
- 10:00 A.M.** **Development of miRNA therapeutics for cardioprotection**
Prof. Peter Ferdinandy, Semmelweis University
- 10:50 A.M.** **BREAK**
- 11:00 A.M.** **Comprehensive promotion of iPSC-CM maturation by integrating metabolic medium, nanopatterning, and electrostimulation**
Prof. Kaomei Guan-Schmidt, Technische Universität Dresden
- 11:40 A.M.** **Focus Group**
Prof. András Dinnyés, BioTalentum Ltd.
- 12:00 A.M.** **BREAK**
- 12:30 P.M.** **Regulatory challenges of human pluripotent stem cell-based cardiac drug development, toxicology and therapies**
Prof. András Dinnyés, BioTalentum Ltd.
- 13:15 P.M.** **Fit-for-purpose methodologies for environmental cardio-toxicity testing: insights about BPA exposure**
Federica Lamberto, BioTalentum Ltd.
- 14:00 P.M.** **Cardiac Maturation – The long and winding road. Are we there yet?**
Dr Kornél Kistamás, BioTalentum Ltd.
- 14:45 P.M.** **BREAK**
- 15:00 P.M.** **Advancing the manufacture of hiPSC-CM for cardiac regenerative medicine**
Margarida Serra, iBET

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