

**Prof. Jari Hyttinen (Tampere University, Finland)**

Professor Jari Hyttinen is full professor and head of BioMediTech unit at the Faculty of Medicine and Health Technology, Tampere University. His laboratory Computational Biophysics and Imaging Group <https://research/tuni.fi/cbig> develops novel computer simulations (in-silico) on cellular biophysics and in-vitro based electrophysiology and 3D imaging methods for future personalized medicine and tissue engineering including neural engineering. He has, with his collaborators, pioneered on in-vitro human organ-on-chip neuronal cultures, thus measurements and stimulations of neuronal in-vitro models for basic research, drug models or for disease modelling. He was PI and coordinator of EU FP7 FET-Open project 3D Neuron, and now they are part of FET-Proact project HERMES aiming for building biohybrid implants for epilepsy treatment. His group is part of Academy of Finland Center of Excellence on Body on Chip research. He is founder and board member of [www.injeq.com](http://www.injeq.com). He has lectured on bioelectric phenomena, bioelectronics, implantable systems and modelling, physiological systems and cellular interactions.