BioMediTech & MED
Research Day 23.11.2018

VENUES

Lectures:
Konetalo lecture hall K1705

Commercial exhibition:
Konetalo hall

Commercial networking lunch:
K1703 (12:00-13:00)

Poster session:
Festia hall (15:45-)

SCIENTIFIC PROGRAM
08:00  Registration opens, Konetalo hall

08:30  Opening words by the Dean Minna Kellomäki and the new university’s Vice President for Research Juha Teperi, K1705

08:45  Session 1: Keynote Prof. Niku Oksala (30+10 min) and long speeches (10+2 min), K1705

- Chair: Antti Vehkaoja
- Co-chair: Vipul Sharma

- Keynote: Professor Niku Oksala, University of Tampere: Future Operating Theatre - Intraoperative Tissue Identification by Next Generation Gas Sensor Technology

- Speech 1: Olli Koskela (TUT): Optical projection tomography for tissue engineering

- Speech 2: Kati Sundström (UTA): Environmental bacteria in human microbiome as a forensic identification tool

- Speech 3: Anna Alexanova (UTA): Modeling Lipid Metabolism of Coronary Artery Disease Patients with Induced Pluripotent Stem Cell Derived Hepatocytes

10:05  Coffee break & Commercial exhibition (40 min), Konetalo hall

10:45  Session 2: Long speeches (10+2 min), K1705

- Chair: Vesa Hytönen
- Co-chair: Jussi Koivumäki

- Speech 4: Mina Sattari (UTA): Identification of novel long non-coding RNA based biomarkers in prostate cancer

- Speech 5: Julia Johansson (TUT): Gap junctional coupling in retinal pigment epithelium cells

- Speech 6: Ismail Hermelo (UTA): Unravelling the immune components landscape in diffuse gliomas by using immunophenotyping approach

- Speech 7: Mirja Niskanen (UTA): Studying mycobacterial genes expressed in reactivation

- Speech 8: Antti Pemmari (UTA): Gene expression in adverse reaction to metal debris around metal-on-metal arthroplasty: an RNA-Seq-based study

11:45 Lunch break (75 min) // Commercial Networking Lunch with company pitches in K1703 for those who registered beforehand

Please note that lunch is not included. The closest restaurants are Reaktori in Kampusareena and restaurant Newton and café Konehuone in Konetalo.
13:00 Session 3: Keynote Prof. Simone Schürle (45+10 min) and long speeches (10+2 min), K1705

Chair: Jari Hyttinen
Co-chair: Kirsi Granberg

Keynote: Professor Simone Schürle, ETH Zürich: Nanorobotics for Precision Medicine

Speech 9: Paula Turkki (UTA): Understanding cell adhesion from the focal adhesion viewpoint

Speech 10: Teemu Hevonkorpi (UTA): Treatment of the distal radius fracture in elderly patients

Speech 11: Gunilla Högnäs (UTA): Tracing the evolution of metastatic prostate cancer

Speech 12: Janne Koivisto (TUT): Engineering hydrogels for cardiac 3D cell culture via hydrazone bioconjugation

14:45 Coffee break & Commercial exhibition (20 min), Konetalo hall

15:05 Session 4: Pitching session (3 min), K1705

Chair: Mari Pekkanen-Mattila
Co-chair: Risto-Pekka Pölönen

Pitch 1: Milla Jauhiainen (TUT): KÄVELI Project – Motion Analysis of Parkinson's Disease Patients at Home

Pitch 2: Hanna Luukinen (UTA): Inducing sterilizing immune response against mycobacterial infection in the tuberculosis model of adult zebrafish

Pitch 3: Ahmed Elsayes (TUT): A soft robotic hand with a sense of touch fabricated using rapid prototyping techniques

Pitch 4: Hannu Hakkola (UTA): Generative Neural Network for Interpolating Tissue Histology in Serial Sections

Pitch 5: Veer Singh Marwah (UTA): INfORM - Inference of NetwOrk Response Module

Pitch 6: Anum Rasheed (TUT): Bio-printed volumetric constructs from nanofibrillated cellulose

Pitch 7: Sanna Hagman (UTA): Production and characterization of human iPSC-derived reactive astrocyte phenotype

Pitch 8: Xiaochen Chen (TUT): Wearable body-centric passive wireless sensors

Pitch 9: Sina Saari (UTA): Alternative oxidase: therapeutic potential and possible pitfalls
15:45 Poster session in Festia Hall
Opening words by the Deans, sparkling wine will be served

17:30 The event ends

18:00 Evening party in restaurant Reaktori in Kampusareena (registration required)
Awards for best speech, pitch and poster

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We would like to thank all the sponsors!