

MET Research Day 29.11.2019

VENUES

Registration:

Arvo main lobby (08:00–)

Sessions:

Jarmo Visakorpi hall

Commercial exhibition:

Yellow hall (08:00–16:00)

Poster session:

Arvo main lobby (15:30–17:30)

SCIENTIFIC PROGRAM



- 08:00 Registration opens, Arvo main lobby
- 08:30 Opening words by the Dean in the Jarmo Visakorpi hall

08:45 Session 1: Keynote (40 min) and long speeches (8+2 min), Jarmo Visakorpi hall

Chair: Howard Jacobs
Co-chair: Daniela Ungureanu

Keynote: Dr. Michael Schwarzer (Universitätsklinikum Jena): “Intrinsic Exercise Capacity and its Influence on Disease” (08:45-09:25)

Speech 1: Benedikta Hafliðadóttir: “Prostate cancer specific biomarkers detected in blood samples predict overall survival of patients” (09:25-09:35)

Speech 2: Elina Mäntylä: “Nuclear envelope invagination in response to intercellular compressive force” (09:35-09:45)

Speech 3: Hanna Luukinen: “Inducing sterilizing immune response against mycobacterial infection in the tuberculosis model of adult zebrafish” (09:45-09:55)

Speech 4: Saara Marttila: “IncAGE- linking long non-coding RNAs with human ageing” (09:55-10:05)

- 10:10 Coffee service & Commercial exhibition in Yellow hall (35 min) and posters in Arvo main lobby

10:45 Session 2: Long speeches (8+2 min), Jarmo Visakorpi hall

Chair: Keijo Viiri
Co-chair: Fábio Arrojo Martins

Speech 5: Anni Mörö: “3D bioprinting of human stem cells” (10:45-10:55)

Speech 6: Minna Hietikko: “Intestinal transglutaminase 3 and transglutaminase 2-specific plasma cell responses in dermatitis herpetiformis patients undergoing a gluten challenge” (10:55-11:05)

Speech 7: Saara Jäntti: “Alcohol use in severely injured patients” (11:05-11:15)

Speech 8: Andres Ledesma: “Health timeline: an insight-based study of a timeline visualization of clinical data” (11:15-11:25)

Speech 9: Kimmo Kartasalo: “Pathologist-level grading of prostate biopsies using deep learning” (11:25-11:35)

Speech 10: Mari Hämäläinen: “Health-promoting effects of lingonberry in obesity: impact on weight gain, glucose and lipid levels and low-grade inflammation” (11:35-11:45)

Speech 11: Vili Lampinen: “Influenza vaccines based on the norovirus-like particle platform” (11:45-11:55)

- 12:00 Lunch break at your own cost in Restaurant Arvo (60 min) & Commercial exhibition in Yellow hall & poster session in Arvo main lobby

13:00 Session 3: Keynote (40 min) and long speeches (8+2 min), Jarmo Visakorpi hall

Chair: Minna Kellomäki
Co-chair: Mari Pekkanen-Mattila

Keynote: Professor Peter Loskill (Fraunhofer Institute for Interfacial Engineering and Biotechnology, University Tübingen): “Integrated Organ-on-a-Chip systems: Advanced microphysiological platforms recapitulating complex human tissue” (13:00-13:40)

Speech 12: Sanna Hagman: “Co-stimulation with IL-1 β and TNF- α induce inflammatory phenotype in human induced pluripotent stem cell -derived astrocytes with neuroprotective characteristics” (13:40-13:50)

Speech 13: Anastasiia Mykuliak: “*In vitro* vascular networks for bone tissue modelling” (13:50-14:00)

Speech 14: Martín González Rodríguez: “Establishing a toolkit to measure specific aspects of immune response” (14:00-14:10)

14:15 Coffee service & Commercial exhibition in Yellow hall (30 min) and posters in Arvo main lobby

14:45 Session 4: Pitching session (3 min pitches), Jarmo Visakorpi hall

Chair: Hanna Vuorenpää
Co-chair: Arjen Gebraad

Pitch 1: Innovation Services and SPARK Finland

Pitch 2: Valeriia Dotsenko: “Identification of gluten-induced mucosal injury markers in gluten challenge study”

Pitch 3: Merja Helenius: “Regional Cancer Center FICAN MID (Sisä-Suomen syöpäkeskus) – supporting cancer research”

Pitch 4: Gunilla Högnäs: “Towards integrative 3D modeling of prostate cancer histology and genomic data”

Pitch 5: Dafne Jácome Sanz: “Reduced plasma PCSK9 response in patients with bacteremia is associated with mortality”

Pitch 6: Maria Koivisto: “Contraction properties of human *in vitro* cardiac tissue model”

Pitch 7: Laura Kummola: “Tampere University Flow Cytometry Facility”

Pitch 8: Toni Montonen: “Expansion microscopy as a tool for structural imaging of tight junctions”

Pitch 9: Laura Saarimäki: “Characterisation of the mechanism of action of MWCNT by integrated modelling of time- and dose-dependent molecular alterations”

Pitch 10: Sumanta Samanta: “Engineering hyaluronic acid based nanocarriers for anti-cancer combination therapy”

Pitch 11: Amir Babak Sioofy-Khojine: “A preclinical assessment to repurpose drugs to target type 1 diabetes associated type B Coxsackieviruses”

Pitch 12: Sinja Taavitsainen: “Prostate cancer evolution from multilineage primary to single lineage metastases in ten men with implications for liquid biopsy”

- 15:30 Poster session in Arvo Hall:
Opening words by the Dean and an opening toast with sparkling wine
- 17:30 The event ends
- 18:00 Evening party in restaurant Arvo (registration required):
Awards for best speech, pitch and poster. Food, music and dance.

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We would like to thank all the exhibitors and sponsors of the Research Day!

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