Finnish Health and Life Science Research Showcase for Investors – 2021 event

Wednesday, 8 December: Life Sciences and Biotech

Jasmine Pro (Life Sciences)

Jasmine PRO is a project at Åbo Akademi aiming to develop polymeric drug delivery approaches using proprietary poly(jasmine lactone) platform. The poly(jasmine lactone) platform tackles many of the problems in polymeric drug delivery such as suboptimal drug loading, poor bioavailability and lack of suitable functional groups for conjugating pharmaceutical compounds with the core polymer.

Presenter: Sebastian Soidinsalo
Contact: sebastian.soidinsalo@abo.fi / sebastian@jasminepolymer.com, tel. +358 40 6811716
University: Åbo Universitet

Nociva (Biotech / Life Sciences)

A diagnostic method to optimize the treatment in chronic myeloid leukemia (CML).

Presenter: Jukka Westermarck
Contact: jukka.westermarck@utu.fi, tel. +358 40 7423007
University: University of Turku

Microneedle skin patches (Biotech / Life Sciences)

Microneedle patch is a next generation universal drug delivery platform that allows painless injection of drugs for humans and animals. The advantages of the microneedles allow wide access in the pharmaceutical markets with superior characteristics over conventional dosage forms.

Presenter: Antti Rahikkala
Contact: antti.rahikkala@helsinki.fi, tel. +358 50 5692461
University: University of Helsinki

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R2Therapies (Biotech)

Drug candidate targeting a completely new mechanism in microglia that affects the progression of Alzheimer's disease.

Presenter: Ilpo Kuronen
Contact: ilpo.kuronen@uef.fi, tel. +358 45 139757
University: University of Eastern Finland

DecoDerma (Biotech)

Trasformative therapy in epidermolysis bullosa.

Presenter: Tero Järvinen
Contact: tero.jarvinen@tuni.fi, tel. +358 44 2854620
University: Tampere University

Virulence inhibitors (Biotech)

Virulence inhibitors against acute and chronic bacterial infections in Cystic Fibrosis.

Presenter: Christopher Jonkergouw
Contact: christopher.jonkergouw@aalto.fi, tel. +358 50 4337117
University: Aalto University, University of Helsinki

PARKS (Daignostics)

Protein signatures, which diagnose Parkinson's disease even in early stage patients.

Presenters: Angel8 Kumari-Ilieva
Contact: angeli.kumari.ilieva@gmail.com, tel. +358 44 9759983
University: Åbo Akademi

NADMED (MedTech & Diagnostics)

NAD molecules are necessary for life, but so far it has not been possible to measure them in clinical settings. NADMED enables accurate and easy measurement of NADs in all clinical laboratories, opening a plethora of new possibilities for diagnosis, care, and research of numerous diseases.

More information

Presenter: Jari Närhi
Contact: jari.narhi@helsinki.fi, tel. +358 40 5603165
University: University of Helsinki

Thursday, 9 December: Digital Health, MedTech & Diagnostics

FeelGood (Digital Health)

FeelGood introduces a cost effective and clinically proven digital weight loss method, which helps people to lose weight permanently. Overweight and obese people can experience better health and life quality, and healthcare organizations can reduce both short and long term costs associated with treatment of obesity and related diseases.

Presenter: Teppo Virkkula
Contact: teppo.virkkula@oulu.fi, tel. +358 40 5416413
University: University of Oulu

Meliora (Digital Health)

Project Meliora is modern cognitive treatment for brain diseases created by a team of brain researchers and video game entrepreneurs. We are pioneers for finding effective treatments for cognitive impairments for adults, and among the first targeting depression.

Presenter: Jukka Laakso
Contact: jukka.t.laakso@aalto.fi, tel. +358 40 5936821
University: Aalto University

Human Thermal Modeling (Healthtech)

HTM technology is a unique personalized software-based solution improving well-being, productivity, safety and security, and even saving lives. HTM enables disruptive services in several business segments whenever thermal satisfaction is an issue.

Presenter: Pekka Tuomaala
Contact: pekka.tuomaala@vtt.fi, tel. +358 40 7201724
Research organisation: VTT Technical Research Center

Graphene based dry electrodes (Healthtech)

The measurement of biopotential signals (such as ECG and EEG) is a widely employed method in health-care for illness diagnosis and patient state monitoring as well as in sport and wellbeing sectors to track performance, recovery, and physiological state of the body. The existing mainstream method to realize the electrical contact to skin is via disposable pregelled Ag/AgCl electrodes. Despite of market domination pregelled Ag/AgCl electrodes have many shortcomings such as skin irritation, wear discomfort, limited bandwidth and price point. VTT has invented and patented novel graphene based dry electrode solution which provides excellent signal quality and user comfort while being cheap and reliable in long-them measurements, thus eliminating all the pain points of hydrogel electrodes.

Presenter: Teemu Ruotsalainen
Contact: teemu.ruotsalainen@vtt.fi, tel. +358 40 0327351
Research organisation: VTT Technical Research Center

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More Stamina (Healthtech)

More Stamina is an evidence-based digital health solution for fatigue management and activity tracking of persons with Multiple Sclerosis, that aims to help them better manage their fatigue and other MS-related symptoms.

Presenter: Guido Giunti
Contact: guido.giunti@oulu.fi, tel. +358 46 9213799
University: University of Oulu

HR-VO2 Max Sensor (Healthtech)

Next Generation Optical Sport Sensor for Wearable Devices.

Presenter: Jan Nissinen
Contact: jan.nissinen@oulu.fi, tel. +358 50 3004463
University: University of Oulu

mTMS (MedTech & Diagnostics)
Fully automated, Operator-Free Brain Network Therapy System.
More information

Presenter: Dubravko Kicic
Contact: dubravko.kicic@aalto.fi, tel. +358 50 4391211
University: Aalto University

FEPOD (MedTech & Diagnostics)

Novel, fast and easy to use point-of-care diagnostics for opioids and other analgesics from fingerprick blood samples.

Presenter: Jussi Pyysalo
Contact: jussi.pyysalo@aalto.fi, tel. +358 40 0789328
University: Aalto University, University of Helsinki

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Euphotic – Quantifying Epilepsy (MedTech & Diagnostics)
Euphotic is a health technology venture with Finnish roots and global partners. Our goal is to measure cortical excitability noninvasively. We believe this quantification will help clinicians to adjust the dosage of antiepileptic drugs (AEDs), as well as select the appropriate drug.
More information

Presenter: Pia Kemppainen-Kajola
Contact: pia.kemppainen-kajola@aalto.fi, tel. +358 50 5149612
University: Aalto University

Immunate (MedTech & Diagnostics)

Improving tools for cancer research and drug-efficacy screening.

Presenter: Sven Lanens
Contact: sven.lanens@aalto.fi, tel. +358 40 3628823
University: Aalto University

Vital Signs (MedTech & Diagnostics)

Vitals Signs is developing a novel device and system which will detect and analyse multiple biosignals to gives health care professionals decision making assistance.

Presenter: Alexis Kouros
Contact: alexis.kouros@aalto.fi, tel. +358 50 3719400
University: Aalto University

Vireamed (MedTech & Diagnostics)
Upper extremity Rehabilitation with Virtual Reality.
More information

Finnish Health and Life Science Research Showcase for Investors – 2021 event

Presenter: Timo Siponen
Contact: timo.siponen@aalto.fi, tel. +358 44 9825503
University: Aalto University

AccuQT (MedTech)

AccuQT solves the fundamental problem in electrocardiogram (ECG) by correcting the QT interval reliably for the heart rate. This patented QT correction method provides tremendous competitive advantage to ECG device manufactures, pharmaceutical companies and novel wearables measuring the QT interval.

Presenter: Esa Räsänen
Contact: esa.rasanen@tuni.fi, tel. +358 50 3013386
University: Tampere University

MEGMRI (MedTech & Diagnostics)
We have developed a hybrid brain imaging technology that is able to measure brain activity and structure at once. This will save time and reduce errors when diagnosing brain disorders, and enable completely new kinds of brain research.
More information

Presenter: Marko Havu
Contact: marko.havu@aalto.fi, tel. +358 40 7435380
University: Aalto University