

## BIOCENTER OULU DAY 2025

### Mode the code – innovations in gene therapy

Thursday April 10, 2025 at 8.30-16.00

Leena Palotie Auditorium, Main Building of Kontinkangas Campus, Aapistie 5A, University of Oulu, Oulu, Finland

**Chairpersons** **Ruwandi Abeysekara, Saurabh Singh Dhakar, Johanna Helenius**

### PROGRAMME

8.30-8.40	Opening remarks Chairperson of the Organizing Committee, Biocenter Oulu
8.40-8.50	Welcome Prof. Johannes Kettunen, Director of Biocenter Oulu
8.50-9.30	“Gene therapy - from basic research to clinical applications”. <b>KEYNOTE, Seppo Ylä-Herttuala</b> , UEF, Finland
9.30-10.20	<i>Coffee at the exhibition area</i>

#### ***Session 1: Gene editing***

10.20-10.50	“Cancer-safe cell and gene therapy platform”. <b>Kirmo Wartiovaara</b> , University of Helsinki, Finland
10.50-11.20	“Balancing efficacy and safety in lentiviral vector-mediated hematopoietic stem cell gene therapy”. <b>Eugenio Montini</b> , SR-Tiget, Italy
11.20-13.00	<i>Lunch break and exhibition</i>

#### ***Session 2: Delivery***

13.00-13.30	“Application of Nanofibrillated cellulose for future chronic wound treatment”. <b>Riina Harjumäki</b> , University of Helsinki, Finland
13.30-14.00	“Folding of DNA and mRNA Origami for Controlled Translation and Viral Vector Packaging”. <b>Mauri Kostianen</b> , Aalto University, Finland
14.00-14.45	<i>Coffee at the exhibition area</i>

#### ***Session 3: From bench to bedside***

14.45-15.15	“Cancer gene therapy with oncolytic viruses: a learning cycle between the laboratory and patients”. <b>Akseli Hemminki</b> , University of Helsinki, Finland
15.15-15.45	“MatriTools: a collection of open access methods to study the matrisome in the omics era”. <b>Valerio Izzi</b> , University of Oulu, Finland
15.45-16.00	<b>General discussion and concluding remarks</b>