

BIOCENTER OULU DAY 2025

Mode the code – innovations in gene therapy

Time

Thursday April 10, 2025 at 8.30-16.00

Place

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”. **KEYNOTE**,
Seppo Ylä-Herttuala, UEF, Finland

9.30-10.20 *Coffee at the exhibition area*

Session 1: Gene editing

10.20-10.50 "Cancer-safe cell and gene therapy platform". **Kirmo Wartiovaara**, University
of Helsinki, Finland

10.50-11.20 “Balancing efficacy and safety in lentiviral vector-mediated hematopoietic stem
cell gene therapy”. **Eugenio Montini**, SR-Tiget, Italy

11.20-13.00 *Lunch break and exhibition*

Session 2: Delivery

13.00-13.30 “Application of Nanofibrillated cellulose for future chronic wound treatment”.
Riina Harjumäki, University of Helsinki, Finland

13.30-14.00 “Folding of DNA and mRNA Origami for Controlled Translation and Viral
Vector Packaging”. **Mauri Kostiainen**, Aalto University, Finland

14.00-14.45 *Coffee at the exhibition area*

Session 3: From bench to bedside

14.45-15.15 “Cancer gene therapy with oncolytic viruses: a learning cycle between the
laboratory and patients”. **Akseli Hemminki**, University of Helsinki, Finland

15.15-15.45 “Matritools: a collection of open access methods to study the matrisome in the
omics era”. **Valerio Izzi**, University of Oulu, Finland

15.45-16.00 **General discussion and concluding remarks**