



Agenda Genomika 2025

Day 1: Cell Therapy, Flow Cytometry and Imaging, Microplate Readers, Protein Biology – Wednesday, June 4th

- 08.45 - 09.15 **Registration**
- 09.15 - 09.25 **Welcome and introduction**
Gregor Kovač, Omega d.o.o.
- 09.25 - 9.45 **Cell biology: Harnessing the power of the cell**
Bojana Križnik, Thermo Fisher Scientific
- 9.45 - 10.10 **Simplify microscopy with EVOS instruments and discover spatial biology with the new S1000**
Samy Dufour, Thermo Fisher Scientific
- 10.10 - 10.20 **Illuminating the tumour microenvironment: high-resolution insights with EVOS imaging**
Metka Novak, National institute of Biology
- 10.20 - 10.30 **Time-lapse observation of *Aureobasidium pullulans* growth on solid media**
Ana Gubenšek, Innorenew
- 10.30 - 10.55 **Discover the advanced capabilities of the spectral-enabled Attune Xenith flow cytometer**
Pierre Le Ninan, Thermo Fisher Scientific
- 10.55 - 11.05 **Flow cytometry in electroporation studies**
Tamara Polajžer, Faculty of electrical engineering
- 11.05 - 11.50 **Coffee break & instrument showcase**
- 11.50 - 12.15 **Varioskan ALF multimode plate reader: simplicity and versatility for nucleic acid quantification and beyond**
Sami Ben Lamine, Thermo Fisher Scientific
- 12.15 - 12.30 **Fast accurate DNA, RNA and protein quantification with Nanodrop Ultra**
Damla Gozen, Thermo Fisher Scientific
- 12.30 - 12.55 **Gibco PeproTech recombinant proteins: cytokines & growth factors**
Ori Sapir, Thermo Fisher Scientific
- 12.55 - 13.20 **Powering protein discovery: next-gen Western Blot workflow and imaging**
Rocio Barajas Rojas, Thermo Fisher Scientific
- 13.20 - 13.45 **Genome editing: fast and efficient delivery with different methods (Lipofectamine and Neon NxT)**
Alessandra Romano, Thermo Fisher Scientific
- 13.45 - 14.10 **Optimizing non-viral engineering of resting T cells for improved cancer immunotherapy research**
Marcel Gätjen, Thermo Fisher Scientific
- 14.10 - 14.20 **Closing of the Seminar**
- 14.20 **Lunch**

Seminar bo potekal v Hotelu One66, Celovška cesta 166, 1000 Ljubljana.

Prijavite se po elektronski pošti: omega@omega.si

Prijava je obvezna zaradi števila kosil! Prijavljene vljudno naprošamo, da se pravočasno odjavite, če se seminarja zaradi nepredvidenih obveznosti ne bi mogli udeležiti.

Kotizacije ni, seminar bo potekal v angleškem jeziku.



Day 2: Molecular biology – Thursday, June 5th

- 08.45 - 09.15 **Registration**
- 09.15 - 09.25 **Welcome and introduction**
Gregor Kovač, Omega d.o.o.
- 09.25 - 9.55 **Drive your research with innovative and sustainable products in molecular PCR workflow**
Oscar Traboulsi, Thermo Fisher Scientific
- 9.55 - 10.30 **Nucleic acid isolation and kits for KF family**
Andreas Koch, Thermo Fisher Scientific
- 10.30 - 11.00 **GeneArt services and Plasmid Pro**
Dimitris Chalatsis, Thermo Fisher Scientific
- 11.00 - 11.45 **Coffee break & instrument showcase**
- 11.45 - 12.10 **CE & qPCR: still young and fun!**
Željka Trepotec, Thermo Fisher Scientific
- 12.10 - 12.55 **New "toy" in the lab: complement your lab technologies with digital PCR**
Gonçalo Carvalho, Thermo Fisher Scientific
- 12.55 - 13.25 **NGS**
Ilan Vered, Thermo Fisher Scientific
- 13.25 - 13.45 **Unleash the power of Predictive Genomics: How can we innovate diseases prevention?**
Cristina Valsecchi, Thermo Fisher Scientific
- 13.45 - 14.10 **Cytoscan and Oncoscan - High resolution whole genome copy number analysis**
Monique Olima, Thermo Fisher Scientific
- 14.10 - 14.25 **Closing of the Seminar**
- 14.25 **Lunch**

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