



PerkinElmer Imaging 2015

From single cell microscopy to pre-clinical applications

Četrtek, 07. 05. 2015

Program - Meeting Agenda:

09:00 Registration

09:00 – 09:15 Welcome and Introduction, mag. Anton Kovač, Omega

09:15 – 10:15 High Content Analysis, new machine learning based image processing for phenotypic assays, Battal Demir, PerkinElmer:

- New cells texture measurement approach for toxicity assays and mitotic index measurement
- Machine learning technology for cell migration and cell invasion experiments
- Use of High Content screening technology in drug discovery for multiparametric analysis of cellular phenotypic variations

10:15 – 10:45 More predictive results in cell-based assays: combining target-based & phenotypic approaches using the new EnSight plate reader, dr. Simon Koren, Omega

10:45 – 11:15 Coffee break

11:15 – 12:00 *In vivo* imaging for translation research, Battal Demir, PerkinElmer:

- From mouse to bigger animals - optical and anatomical imaging using detection technologies like bioluminescence, fluorescence, X-rays and μ CT

12:00 – 12:30 Quantitative and spatial image analysis of cells in tissue sections, Battal Demir, PerkinElmer

- Spectral unmixing and autofluorescence removal technologies in tissue sections
- New tools to automatically detect, count and analyze different lymphocytes

12:30 – 12:45 Discussion and wrap-up

12:45 Lunch



Seminar bo potekal v restavraciji Livada, Hladnikova 15, 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 boste mogli udeležiti.

Kotizacije ni, seminar bo potekal v angleškem in slovenskem jeziku.