



Novel Drug Discovery & Delivery systems

Malvern Panalytical Biophysical Characterisation Seminar

INTRODUCTION:

Biophysical characterization of macromolecules is an essential step in the development of new drugs. It contains analysis of the basic properties, e.g. stability and homogeneity, as well as the investigation of interaction between biomolecules and their binding partners, both natural and artificial ones. Malvern Panalytical offers a broad range of instruments suitable for this type of experiments, with several of them installed and available for scientific community in the campus of Masaryk University in Brno, Czech Republic. The workshop is organized in collaboration with ANAMET s.r.o., local Malvern Panalytical distributor.

PROGRAM:

Wednesday 24th May

- 09:00-09:30 Biophysical characterization – The best of Malvern Panalytical and CLS (*Agatha Rosenthal, Malvern Panalytical*)
- 09:30-10:15 Analytical characterization of LNP vectors (*Agatha Rosenthal*)
- 10:30-11:30 Biophysical characterization of viral and lipid-based vectors for vaccines and therapeutics with light scattering and calorimetric techniques (*Agatha Rosenthal*)
- 11:30-12:30 Pushing the boundaries in biomolecular interaction analysis with the Creoptix WAVE system and waveRAPID – From biologics to fragment-based drug discovery (*Andrea Moretti, Creoptix*)
- 13:30-14:15 SEC: the OMNISEC system & application examples in bio-pharma (*Serena Agostini, Malvern Panalytical*)
- 14:45-16:00 Laboratory tour – PEAQ-ITC, PEAQ-DSC, OMNISEC, NanoSight NS3000 and Zetasizer Ultra Red (CEITEC, Faculty of Science)

For more information and registration,
check our webpage:

bic.ceitec.cz/events

In collaboration with



24/5/2023

University Campus Bohunice,
building E35/211
Masaryk University Brno,
Czech Republic