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ACCORD INTERDISCIPLINARY
CONFERENCE
ON DRUG SCIENCES

HCS WORKSHOP



„High Content Screening – modern tool for Drug Discovery”

May 26th, 2022

5:15-6:15 PM

Pro-Environment Polska, PerkinElmer Distributor for Poland and Institute of Fundamental Technological Research, Polish Academy of Sciences invites you for High Content Screening Workshop.



Pro-Environment Polska Sp. z o. o.
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More informations:

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High Content Screening is an imaging technology which allows to obtain large amount of data on the single cell level in a very short time. This method offers high results standardization by automation of imaging process, data collection and analysis. Imaging results are automatically transformed to mathematical data. All steps of this process are controlled by detailed protocols which operator prepares using building blocks technology.

Where:

Institute of Fundamental Technological Research, Polish Academy of Science
Department of Biosystems and Soft Matter Division of Modelling in Biology and Medicine Pawińskiego 5b Str. Warsaw

Meeting point:

Accord Reception Desk at 5:00 PM

Speakers:

Marek Michałowski, Pro-Environment Polska, PerkinElmer Distributor for Poland
Dr Jarosław Walczak, Institute of Fundamental Technological Research, Polish Academy of Sciences

Summary of workshop:

The High Content Screening Imaging technology is an important tool for drug development preclinical studies. Automated, high throughput confocal, epifluorescent and brightfield microscopy can be used for compound library screening, cytotoxicity and drug metabolism effect studies. This method offers high standardization of preclinical studies and good efficiency for drug candidates screening.

During the workshop theoretical and technical basis of PerkinElmer High Content Screening System will be presented. Program of the workshop also includes a presentation of PerkinElmer Operetta CLS system.

Who could be interested:

- Biotechnologists using fixed/living cells, spheroids or organoids;
- Drug development scientists;
- New therapies researchers;
- Stem cells researchers;

Workshop Agenda:

1. Introduction to HCS technology
(Marek Michałowski, Pro-Environment)
2. Practical presentation of PerkinElmer Operetta CLS (dr Jarosław Walczak, IPPT)
3. Discussion (Marek Michałowski, ProEnvironment; dr Jarosław Walczak, IPPT)
4. Closing remarks
(Marek Michałowski, Pro-Environment)

Registration on May 26, 2022 at the Pro-Environment Polska stand during the conference or at the Accord Reception Desk at 5:00 P.M. directly before the workshop.

THE NUMBER OF PLACES IS LIMITED