

Revolutionizing Drug Discovery: Unleashing the Power of High- Throughput Screening

April 25, 2024 8am PDT | 11am EDT | 4pm BST | 5pm CEST

In this exclusive extended webinar, immerse yourself in a world of innovation as our expert speakers unveil state-of-the-art systems and workflows designed to optimize screening assays with unparalleled throughput and reproducibility. Discover how these advancements propel drug discovery pipelines forward with unprecedented speed and precision.

Attend this webinar to:

- Understand the benefits of integrated high-throughput screening automation in enhancing efficiency and scalability in drug discovery processes
- Explore the features of a high-capacity workcell designed for complex compound screens with multiple analytical readouts
- Learn about the advantages of a complete walkaway and tipless system in reducing downtime, minimizing waste and accelerating compound screening processes

TALK 1

Next-Level Efficiency: Supercharged High-throughput Screening Capacity Through Integrated Automation

Presented by Alice Tome-Fernandez, Senior Application Scientist, Automata



Discover how Automata's cutting-edge platform streamlines drug discovery workflows, boasting a tipless system for seamless operation and enhanced scalability. Learn how the high-capacity workcell empowers researchers to conduct complex compound screens with unparalleled efficiency and reproducibility.

In this session, Alice Tome-Fernandez from Automata will share valuable insights into leveraging integrated automation to supercharge high-throughput screening capacity, ultimately revolutionizing efficiency in drug discovery processes.

In her talk, she will:

- Discuss the benefits of integrated high-throughput screening automation in enhancing efficiency and scalability in drug discovery processes
- Explore the features of a high-capacity workcell designed for complex compound screens with multiple analytical readouts
- Showcase the advantages of a complete walkaway and tipless system

TALK 2

96 and 384 channel Electronic Pipettes from INTEGRA: Affordable, Simple, Small and Powerful

Presented by Tom Bentivegna, Group Product Manager, INTEGRA Biosciences



96 and 384 channel Electronic Pipettes from INTEGRA: Affordable, Simple, Small and Powerful

If you're working in 24, 96, 384, or even 1536 plate formats, this session will show you 3 instruments which will make you faster, give you more reproducible results, are simple to learn and don't take up much space - while fitting in every budget. The perfect productivity upgrade for any lab looking to get better.

In this session, Tom Bentivegna from INTEGRA will provide insights into best practices for utilizing these electronic pipettes effectively. Whether you're a seasoned researcher or new to the field, this talk will provide valuable guidance for optimizing your laboratories workflows.

In his talk, he will:

- Discuss how to optimize 96 and 384 well-plates to be faster and more reproducible
- Showcase novel devices to enhance your high-throughput screening workflows

TALK 3

High-throughput SPR Assay for FcγR Binding to Drug Candidates on the New Carterra LSAXT

Presented by Peter Hsueh, PhD, Marketing Product Manager, ACROBiosystems



Discover the power of high-throughput surface plasmon resonance (HT-SPR) for assessing FcγR binding to drug candidates using the new Carterra LSAXT platform.

In this webinar, Peter Hsueh, PhD from ACROBiosystems will showcase how this streamlined approach, coupled with ACROBiosystems' recombinant FcγR proteins, enables rapid characterization of FcγR interactions across species.

In his talk, he will:

- Explain the significance of FcγR binding in therapeutic efficacy and cross-reactivity assessment
- Exploring a streamlined approach using HT-SPR on the Carterra LSAXT platform
- Showcase the benefits of increased sensitivity, reproducibility and time/resource savings in characterizing FcγR interactions compared to traditional SPR methods