
Valerie Weld – Labcyte Inc.
Silvio Di Castro – Senior Automation Scientist, AstraZeneca R&D
Iain Russell, PhD – Senior Product Manager – Echo Liquid Handler Product Line, Labcyte, Inc.
Justin Jager – Product Manager – Lab Automation, Labcyte Inc.

Hear how AstraZeneca Sample Management is using acoustic tubes to deploy fully acoustic workflows, increasing sample storage density for faster picking throughputs, minimizing sample and solvent consumption, and eliminating the risk of cross-contamination. The deployment of the new technology will provide greater flexibility and better-quality assay data.

Working in collaboration with Brooks Life Sciences, Labcyte has launched the next evolution in non-contact acoustic liquid handling with a sample tube compatible with Echo® Acoustic Liquid Handling technology. This tutorial will provide an overview of the new liquid handler instrument and data highlighting its performance with the new FluidX™ Sample Tubes supplied by Brooks. The combination of acoustic tubes and acoustic liquid handling offers a more efficient, streamlined approach to non-contact acoustic transfer of samples and reagents for sample management and small molecule screening groups.

Building on the success of providing mid-sized automation systems for sample management groups using Echo liquid handlers, Labcyte further expands their automation portfolio with the launch of the Access™ Dual-Robot Systems (DRS) and Access™ Single-Robot Systems (SRS). The new systems provide more flexibility and scalability for automating both tube and plate-based acoustic liquid handling workflows. With a compact, modular design and feature set targeting sample management, the new Access systems will allow sample management groups to fully automate assay-ready plate production from samples stored in tubes or plates.
Silvio gained an MSc in Chemical Engineering at the "Federico II" University, Naples (Italy), under the supervision of Prof. Guido Greco. During his time at AstraZeneca, Silvio has developed knowledge and skills in laboratory automation, from simple benchtop units to large automated systems, and used his experience to improve and streamline workflows and IT systems, addressing the requirements of single users and global community alike. He is currently representing AZ Gothenburg in the delivery of the world's first, next-generation fully acoustic liquid handling platforms, the new global standard for Sample Management in AstraZeneca.

Role: Exhibitor Tutorial Presenter
Iain Russell, PhD
Senior Product Manager – Echo Liquid Handler Product Line
Labcyte, Inc.
Email: irussell@labcyte.com
Office Telephone: (408) 747-2000
Cell Phone: (650) 759-8084

Iain Russell has over 15 years of experience in the Life Sciences industry and the genomics field. Iain joined Labcyte in May of this year and currently manages the Echo Liquid Handler product line, a series of instruments that enables the touchless transfer of nanoliter liquid volumes with extreme accuracy and precision. Prior to joining Labcyte, Iain managed a broad variety of novel technologies including microarray and qPCR related instruments and associated consumables. Iain completed his Ph.D. graduate work with a focus on gene expression at the European Molecular Biology Laboratory in Heidelberg, Germany, prior to completing a post-doc at the Massachusetts Institute of Technology in the cell cycle biology field.

Role: Exhibitor Tutorial Presenter
Justin Jager
Product Manager – Lab Automation
Labcyte Inc.
Email: jjager@labcyte.com