

Come Transform Research™

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SLAS Releases On Demand Education from SLAS2015

10 presentations available, including 2015 SLAS Innovation Award winner for free to public

CHICAGO – The Society for Laboratory Automation and Screening (SLAS) welcomed nearly 4,700 scientists, researchers, technologists and students to SLAS2015, the Fourth Annual SLAS Conference and Exhibition, that took place at the Walter E. Washington Convention Center in Washington, DC, Feb. 7-11, 2015. The conference program featured 140 podium presentations, an expansive exhibition with 297 multinational exhibiting companies, 328 poster presentations, 17 Short Courses, and keynote presentations by Donald Ingber, Wyss Institute for Biologically Inspired Engineering at Harvard University, Laurie Garrett, and Francis Collins, Director of the National Institutes of Health.

To extend the value and accessibility of the event's high-caliber educational program, 10 podium presentations were recorded over the conference. Those presentations are now available as on demand webinars for dues-paying SLAS members in the [SLAS Webinar Archive](#).

One of the presentations recorded - *Novel Acoustic Loading of a Mass Spectrometer – Towards Next Generation High-Throughput MS Screening* presented by Jonathan Wingfield, AstraZeneca – earned the \$10,000 2015 SLAS Innovation Award as the best podium presentation delivered at SLAS2015. That presentation is now freely available to members and non-members alike on the [SLAS Web site](#).

Wingfield's award-winning presentation recounts how scientists from AstraZeneca were looking to apply a proven technology like acoustic droplet ejection (ADE) to mass spectrometry loading. In order to take advantage of the mass spec benefits of rapid assay development, range of end points, high content read out and sensitivity with fmol and pmol detection, Wingfield's team validated that ADE can deliver charged microdroplets directly into a mass spec inlet. Data presented illustrated that the experimental approach detected a range of materials, including small molecules, peptides and small proteins. Looking forward, the research team is investigating multiple ionization options, as well as a range of applications, including high-throughput screening, cell based screening, metabolomics, kinetics and more.

In addition to the 2015 SLAS Innovation Award-winning presentation, other on demand presentations from SLAS2015 now available to SLAS members include:

- *Biomarker Qualification at CDER, FDA* presenter: Shashi Amur, OTS/CDR/FDA

SLAS GLOBAL HEADQUARTERS

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SLAS2015 On Demand Content

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- *Real-Time Predictive Modeling of Clinical Samples in Transit to Ensure Sample Viability* presenter: Jarie Bolander, Lab Sensor Solutions
- *Droplet-Based Three Dimensional Cell Migration Assay with Flow Cytometry-Based Automated Analysis* presenter: Marie-Elena Brett, University of Minnesota
- *Spheroid Culture Screening in Anti-cancer Drug Discovery* presenter: David Evans, Frederick National Lab for Cancer Research
- *An Automated Open Platform for Exclusion-Based Sample Preparation: Getting More Information from Limited Patient Samples* presenter: David Guckenberger, University of Wisconsin - Madison
- *Screening for Novel Inhibitors of Thymidylate Synthase Using CETSA – A High-Throughput Target Engagement Assay* presenter: Thomas Lundbäck, Chemical Biology Consortium
- *Precise Genome Editing and Stem Cell Technologies - Novel Tools for Novel Medicines* presenter: Lorenz Mayr, AstraZeneca
- *From Brackets to Body Parts – How 3D Printing Is Changing the Way We Work* presenter: Stephen Trowbridge, GlaxoSmithKline
- *The Phenotypic Screening “Rule of 3”: Developing More Predictive Assays* presenter: Fabien Vincent, Pfizer, Inc.

“In the spirit of our mission, we are extremely pleased to make available these presentation recordings from SLAS2015,” said SLAS President Dean Ho. “The scientific program is a cornerstone of the Society’s annual flagship meeting, and showcases some of the important research, innovation and technology utilization that is setting the standard for tomorrow’s scientific discovery. We’re especially grateful to our presenters – and their organizations – for allowing us to share their expertise in this manner.”

On demand education is just one valuable benefit of SLAS membership. For more information on SLAS membership, visit the [membership page](#) on the SLAS Web site.

[SLAS2016](#), the Society’s Fifth Annual International Conference and Exhibition, will take place January 23-27, 2016, at the San Diego Convention Center in San Diego, California, USA. The [SLAS2016 Call for Abstracts](#) is currently accepting submissions for consideration in the scientific program.

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The Society for Laboratory Automation and Screening (SLAS) is an international community of more than 20,000 individual scientists, engineers, researchers, technologists and others from academic, government and commercial laboratories. The SLAS mission is to be the preeminent global organization providing forums for education and information exchange and to encourage the study of, and improve the practice of laboratory science and technology. For more information, visit www.SLAS.org. For more information on SLAS2015, visit www.SLAS2015.org