SOCIETY FOR LABORATORY AUTOMATION AND SCREENING

An International Community Advancing Scientific Research and Discovery Through Laboratory Technology

For Immediate Release:
Dec. 4, 2013

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Nine Finalists to Vie for $10,000 SLAS Innovation Award at SLAS2014

CHICAGO – Nine scientists are being honored as SLAS Innovation Award finalists, but only one will receive a $10,000 cash prize at SLAS2014, the Third Annual SLAS Conference and Exhibition, which will be held Jan. 18-22, 2014, at the San Diego Convention Center in San Diego, Calif., USA.

The annual SLAS Innovation Award recognizes extraordinary achievement in innovative laboratory science and technology. After considering abstracts by more than 83 SLAS2014 podium presenters, the SLAS Innovation Award panel of judges invited 20 to submit extended abstracts for further scrutiny. Finalists were elected after the judges determined that these scientists offered fundamental studies to develop new technology for the laboratory; a new application of technology to laboratory automation or screening; or a use of technology to solve a unique problem.

The nine 2014 SLAS Innovation Award finalists who will compete for a $10,000 cash prize at SLAS2014 are:

Michelle Arkin, University of California, San Francisco, CA (USA)
Whole-Organism Screening for Parasitic Diseases

Leroy Cronin, University of Glasgow, Scotland (UK)
Programmable Synthesis and Integrated Chemical Discovery Enabled by 3D-Printed Reactionware

Matthew Disney, The Scripps Research Institute, Jupiter, FL (USA)
Using HTS to Define a Basis Set of RNA Motif – Small Molecule Interactions to Enable the Design of Chemical Probes Targeting RNA

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Yi Lu, University of Arizona, Tucson, AZ (USA)
Electrokinetic Sample Preparation and Volume Reduction for Single-Cell Antimicrobial Susceptibility Testing and Pathogen Detection

Jason Poulos, Librede, Los Angeles, CA (USA)
High-Throughput Artificial Membrane Platform for DNA Nanopore Sequencing

Jason Rolland, Diagnostics For All, Cambridge, MA (USA)
Paper-Based Sensors for Low-Cost Diagnostics

Vibhu Vivek, Microsonic Systems, San Jose, CA (USA)
Using Bulk Lateral Ultrasonic (BLU) Energy for Increasing Hybridization Kinetics

Meiye Wu, Sandia National Laboratories, Livermore, CA (USA)
Micofluidic Platform for the Multiplexed Detection of Mirna, Mrna, and Proteins at Single-Cell Resolution

Mehmet Yanik, Massachusetts Institute of Technology, Cambridge, MA (USA)
In Vivo Cellular-Resolution High-Throughput Whole-Animal Phenotyping

The winner of the 2014 SLAS Innovation Award will be announced and celebrated during the SLAS2014 Closing Session on Wed., Jan. 22.

The 2013 SLAS Innovation Award winner was Andrea Weston, Ph.D., of Bristol-Myers Squibb, Wallingford, CT, USA, who presented "Making a Quantum Leap in Mass Spectrometry Throughput: Applying the NextVal MassInsight Technology to Monitor Cytochrome P450 Enzyme Inhibition in Human Liver Microsomes." In 2012, Dan Dongeun Huh, Ph.D., of Harvard University, Boston, MA, USA, was honored for his presentation, "A Human Breathing Lung-on-a-Chip for Drug Screening and Nanotoxicology Applications."

For more information about SLAS2014 or the SLAS Innovation Award program, visit SLAS2014.org or contact SLAS Global Headquarters at +1.877.990.SLAS (5727) or e-mail slas@slas.org.

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The Society for Laboratory Automation and Screening (SLAS) *is an international community of more than 15,000 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.*

SLAS2014 *is the Third Annual SLAS Conference and Exhibition. SLAS2014 will be held Jan. 18-22, 2014, at the San Diego Convention Center in San Diego, Calif., USA. This five-day event brings together 5,500 scientists, academicians, business leaders and students from around the globe to gain new information, ideas and insight about laboratory science and technology. SLAS2014 will feature 130 podium presentations, 300+ poster presentations, 17 short courses, 300+ exhibitors and scores of other workshops, meetings and special events. For more information, visit www.slas2014.org.*

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