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New Special Issue of JBS

Advances in Mass Spectrometry within Drug Discovery

CHICAGO –“Advances in Mass Spectrometry within Drug Discovery” is the theme of the February 2016 special issue of the *Journal of Biomolecular Screening* (JBS). A dozen peer-reviewed original research reports from the UK, US, Singapore and Australia demonstrate new ways in which mass spectrometry (MS) has evolved from a specialist technique, used initially almost exclusively for structure determination, to one where the bulk of applications now revolve around routine applications in analyte detection and quantification.

Assembled by guest editors Jonathan Wingfield, PhD, of AstraZeneca (UK) and Ian Wilson, PhD, of Imperial College (UK), this special issue of JBS presents new applications for existing high-throughput MS platforms and new targets, methods for screening for DGAT2 inhibitors and fatty acid synthase inhibitors; the versatility of MS and how it can be integrated with other assay platforms to deliver high value data; screening via bioaffinity-MS; use of a bead/lysate-based affinity capture method coupled to MS analysis for target identification in a cell-based phenotypic screen; a novel targeted lipidomics platform for monitoring eicosanoid lipid modulation; MS-imaging; and more.

JBS is one of two MEDLINE-indexed scientific journals published by the Society for Laboratory Automation and Screening (SLAS). Visit JBS Online at <http://jbx.sagepub.com/content/21/2> to read this special issue. For more information about SLAS and its journals, visit www.slas.org/jala-jbs.

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SLAS (Society for Laboratory Automation and Screening) 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 life sciences discovery and technology. For more information, visit www.SLAS.org.

SLAS publishes two internationally recognized, MEDLINE-indexed journals, now in their 21st year of publication. Together, **the Journal of Laboratory Automation (JALA)** and **Journal of Biomolecular Screening (JBS)** address the full spectrum of issues that are mission-critical to this important audience, enabling scientific research teams to gain scientific insights, increase productivity, elevate data quality, reduce lab process cycle times and enable experimentation that otherwise would be impossible.

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*Specifically, **JALA** explores ways in which scientists adapt advancements in technology for scientific exploration and experimentation. In direct relation to this, **JBS** reports how scientists develop and utilize novel technologies and/or approaches to provide and characterize chemical and biological tools to understand and treat human disease.*

Journal of Biomolecular Screening (JBS): 2014 Impact Factor 2.423. Editor-in-Chief Robert M. Campbell, Ph.D., Eli Lilly and Company, Indianapolis, IN (USA).

Journal of Laboratory Automation (JALA): 2014 Impact Factor 1.879. Editor-in-Chief Edward Kai-Hua Chow, Ph.D., National University of Singapore (Singapore).