Advances in Mass Spectrometry within Drug Discovery

By Guest Editors Ian Wilson, PhD and Jonathan Wingfield, PhD

The Journal of Biomolecular Screening (JBS) invites submissions of manuscript proposals (abstracts) relating to the topic of advances in mass spectrometry within drug discovery for publication in a 2016 JBS special issue. Proposals will be used to select and invite papers which will then go through a full peer review, the best being included in the special issue.

JBS is looking for high quality research and review papers relating to recent advances in mass spectrometry with a particular emphasis on drug discovery applications. Areas of interest include but are not limited to:

- Addressing throughput issues for MS detection systems
- Techniques for reducing sample volumes
- Novel analytical MS techniques
- New ionization technologies
- New applications for existing MS technologies
- Advances in ionization sources
- Combination of ion-mobility and MS
- MS imaging
- Rapid methods of drug bioanalysis
- High throughput MS-based determination of metabolic stability
- MS-based methods for determining drug protein and receptor binding
- Novel applications of MS in “omics” studies of efficacy and toxicity
- Overcoming technical challenges of MS for screening

Submit your abstract before April 10, 2015

1. Submit a title and abstract (up to 500 words) as an MSWord document/attachment to nhallock@slas.org. Please refer to the JBS Instructions for Authors at www.slas.org/publications/scientific-journals/author-instructions.

2. Include “JBS Special Issue / Mass Spec” in the subject line of your e-mail.

3. Include your name, affiliation and contact info in the text of the e-mail and in your MSWord document.

Invited authors will be notified by April 14, 2015. Final manuscripts and related materials will need to be completed and submitted by July 1, 2015. All submitted articles will be subject to peer-review to ensure scientific rigor, clarity of expression and integration with other contributions in the JBS Special Issue. Submissions from SLAS members and nonmembers are welcome. Questions? Please e-mail nhallock@slas.org or call +1.630.256.7527.