



Journal of Laboratory Automation
Special Issue Call for Papers



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Micro and Nanotechnologies for Quantitative Biology and Medicine

By Guest Editor Somin Eunice Lee, PhD, University of Michigan

The Journal of Laboratory Automation (JALA) invites prospective authors to submit proposals for manuscripts on quantitative enabling micro and nanotechnologies for consideration as original research articles, reviews or technical notes in an upcoming special issue.

A quantitative approach to biology and medicine is essential for understanding how biological systems respond to dynamically changing environments and for developing new therapeutic strategies to combat disease. Recent advancements in micro and nanotechnologies have revolutionized biomedical research in engineering controlled interfaces to biological systems. These quantitative enabling technologies hold great potential to accelerate early diagnosis and treatment of disease. In this issue, JALA will highlight and explore diverse quantitative approaches and their applications.

This is an excellent opportunity to share expertise and recent research in micro and nanotechnologies at the interfaces of physics, chemistry, engineering, biology and medicine. Areas of interest include but are not limited to Microfluidics, Microfabrication, BioMEMS, Nanofabrication, Bionanotechnology, Nanomedicine, Diagnostics, Point-of-Care, Tissue Engineering, and Imaging.

Submit your abstract before April 1, 2016

1. Submit a title and abstract (up to 500 words) as an MSWord attachment to nhallock@slas.org. Please refer to the JALA Instructions for Authors at www.slas.org/publications/scientific-journals/author-instructions.
2. Include “**JALA Special Issue on Quantitative Bio & Med**” 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 **Apr. 10, 2016**. Final manuscripts and related materials will need to be completed and submitted by **July 1, 2016**. All submitted articles will be subject to peer-review to ensure scientific rigor, clarity of expression and integration with other contributions in the JALA Special Issue. Up to 25 papers may be published in this JALA Special Issue. Accepted manuscripts will be published ahead of print at JALA Online (jla.sagepub.com) approximately 30 days after submission of copyright transfer agreement. Submissions from SLAS members and nonmembers are welcome. **Questions?** E-mail nhallock@slas.org or call +1.630.256.7527.

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Advancing Translational Laboratory Science and Technology