

## Cancer Metabolism

By Guest Editors Raymond Gilmour, PhD, and Susana Velasco-Miguel, PhD

The *Journal of Biomolecular Screening* (JBS) invites the submission of abstracts on topics related to cancer metabolism for publication in a 2017 special issue. Abstract proposals will be used to select and invite papers for final review and consideration. JBS is looking for high-quality, short or full length research papers, reviews and perspective articles related to all aspects of cancer metabolism. Areas of interest include but are not limited to:

- Characterization of in vitro and in vivo activity of novel cancer metabolism inhibitors
- Enzyme assay development and validation for cancer metabolism targets
- Cell-based screening approaches to target cancer metabolism
- In vivo screens targeting tumor cell metabolism
- Synthetic lethality in targeting cancer metabolism
- Impact of oncogenes and tumor suppressors on metabolic reprogramming
- Hypoxia-induced metabolic reprogramming
- Identification and validation of metabolic immune cell targets for cancer therapy
- Regulation of the immune response by small metabolites
- Immunotherapies and Immuno-metabolism
- Metabolic reprogramming and the DNA damage and DNA repair response
- Mitochondrial physiology and tumor metabolic reprogramming
- The Warburg Effect and beyond
- Metabolic changes in response to chemotherapeutic treatment
- Metabolic reprogramming in drug resistance
- In vivo models of cancer metabolism
- New technologies to interrogate metabolic activity of cancer in vitro and In vivo. In vivo imaging
- NMR techniques to evaluate tumor metabolomics
- LCMS techniques to evaluate tumor metabolomics

### Submit your abstract before April 1, 2016

1. Submit a title and abstract (up to 500 words) as an MSWord document/attachment to [nhallock@slas.org](mailto:nhallock@slas.org). Please refer to the JBS Instructions for Authors at [www.slas.org/publications/scientific-journals/author-instructions](http://www.slas.org/publications/scientific-journals/author-instructions).
2. Include "JBS Special Issue / Cancer" 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 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 JBS Special Issue. Submissions from SLAS members and nonmembers are welcome. **Questions?** Please e-mail [nhallock@slas.org](mailto:nhallock@slas.org) or call +1.630.256.7527.