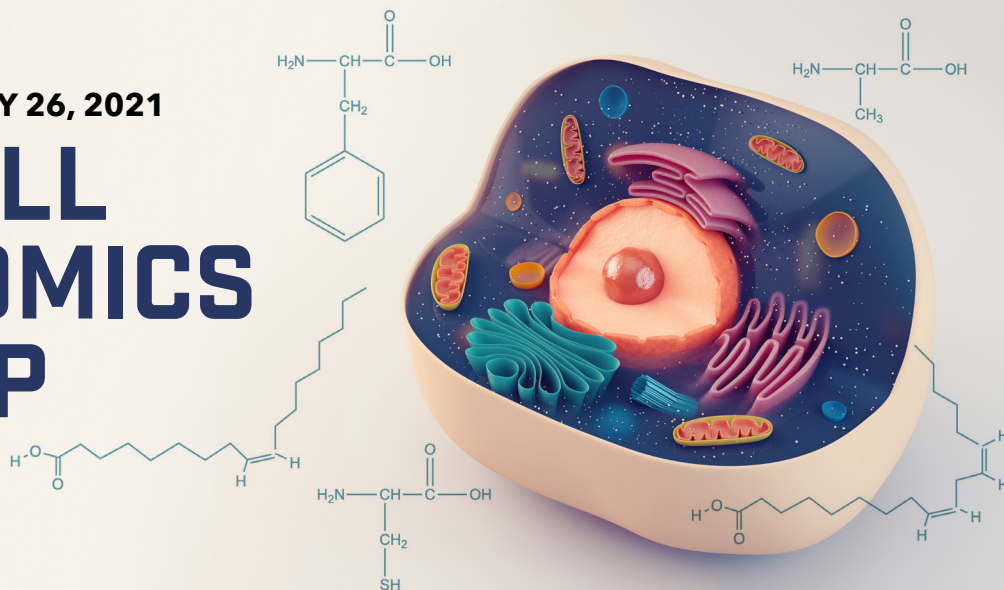


ONLINE WORKSHOP | FEBRUARY 26, 2021

# SINGLE CELL METABOLOMICS WORKSHOP



**The Precision Medicine Task Group of the Metabolomics Society** in partnership with **Metabolomics Association of North America (MANA)** and other organizations and interest groups is organizing a virtual workshop on **Single Cell Metabolomics**, to be held on **Friday February 26, 2021 10:00 am - 13.00 pm EST.**

Omics at single cell resolution has expanded very rapidly, most obviously in genomics/transcriptomics. However, this approach lacks direct analysis of function, such as cellular metabolism. Most tissues are fundamentally heterogeneous at the cellular level, and heterogeneity is a hallmark of several pathologies including cancer.

The Workshop will comprise invited talks and a general open discussion forum.

## AREAS OF INTEREST INCLUDE:

- Intrinsic technical problems and current status
- Coverage
- Imaging based methods (MS, microdissection, optical, other)
- Prospects for stable isotope tracing at single cell resolution
- Emerging approaches and applications

## SPEAKERS

- Thomas Hankemeier & Ahmed Ali, *University of Leiden*
- Jonathan Sweedler, *University of Illinois Urbana-Champaign*
- Nimmi Ramanujam, *Duke University*
- Ian Gilmore, *National Physical Laboratory, London*
- Shawn Davidson, *Princeton University*
- Discussion Session

## ORGANIZED BY:

- Andrew N. Lane, *University of Kentucky*
- Mioara Larion, *National Institutes of Health*
- Jennifer Kirwan, *Berlin Institute of Health*
- Rima F Kaddurah-Daouk, *Duke University School of Medicine*

**ALL PARTICIPANTS  
ARE WELCOME  
TO REGISTER FOR  
FREE.**

To register, please email Lisa Howerton at [lisa.howerton@duke.edu](mailto:lisa.howerton@duke.edu)