

The Lipid Droplet Conference

Organizer Bio: Jennifer Lippincott-Schwartz, PhD

Jennifer Lippincott-Schwartz, PhD is a Senior Group Leader at the Howard Hughes Medical Institute's Janelia Research Campus. She has pioneered the use of green fluorescent protein technology for quantitative analysis and modelling of intracellular protein traffic and organelle dynamics in live cells and embryos.

Her innovative techniques to label, image, quantify and model specific live cell protein populations and track their fate have provided vital tools used throughout the research community. Her own findings using these techniques have reshaped thinking about the biogenesis, function, targeting, and maintenance of various subcellular organelles and macromolecular complexes and their crosstalk with regulators of the cell cycle, metabolism, aging, and cell fate determination.

She is an elected member of the National Academy of Sciences, the National Academy of Medicine, the American Society of Arts and Sciences and the European Molecular Biology Organization. She is a Fellow of The Biophysical Society, The Royal Microscopical Society and The American Society of Cell Biology. Dr. Lippincott-Schwartz attended Swarthmore College, received her PhD in Biochemistry from Johns Hopkins University, and did postdoctoral work at the National Institutes of Health, Bethesda, MD.