

# Metabolism: Emerging Target in Human Disease

June 17th, 2022 (8:30AM – 5:30PM)

McCormick Auditorium, Lake Forest College, Lake Forest, IL

## Keynote Speaker (1:30-2:30pm)

Navdeep Chandel, PhD, Northwestern University

*“Mitochondria control of physiology and disease”*

## Poster Session and Competition (8:30-10:30am)

Awards available - We encourage posters in all areas of pharmacology and biomedical sciences

## Young Investigator Symposium (10:40am-12:00pm)

Ryan Ross, PhD, Rush University:

*“The effects of antiretrovirals on bone and bone-fat crosstalk”*

Bryan C. Dickinson, PhD, University of Chicago

*“Chemical tools to probe signaling by protein lipidation”*

Matthew DeBerge, PhD, Northwestern University:

*“Macrophage metabolism at the heart of cardiac repair”*

Jiyeon Kim, PhD, University of Illinois at Chicago:

*“Alterations in carbon and nitrogen metabolism in lung cancer”*

## Career Workshop “Lunch & Learn” (12:10-1:20pm)

Speak with mentors from academia, industry, and private consulting firms

## Senior Symposium (2:30-4:45pm)

Mary O’Riordan, PhD, University of Michigan:

*“The cellular architecture of inflammatory metabolic remodeling”*

Yun Fang, PhD, University of Chicago:

*“Precision nanomedicine targeting endothelial metabolism to treat vascular diseases”*

Volkmar Weissig, PhD, ScD, Midwestern University:

*“Organelle-specific pharmaceutical nanotechnology applied to manipulating mitochondrial function”*

## Business Meeting and Award Presentations (4:45-5:30pm)



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