Cellular metabolism plays a critical role in the normal, day-to-day operation of healthy cells. Yet, when these processes go awry, they contribute to the molecular basis of many common disease states. Cancer in particular is marked by a reprogramming of cellular metabolism that drives cell growth and proliferation, which propels disease progression but also presents promising avenues for therapeutic development.

New Frontiers in Cancer Metabolism, a half-day symposium hosted by Van Andel Research Institute, will highlight emerging research in this area with a particular emphasis on mitochondria, signaling, metabolic reprogramming and links to human disease.

**SPEAKERS**

**Navdeep Chandel, Ph.D.** – The University of Chicago  
*Mitochondria as signaling organelles*

**Heather Christofk, Ph.D.** – UCLA Metabolomics Center, David Geffen School of Medicine at UCLA  
*Metabolic reprogramming mechanisms*

**Christian Metallo, Ph.D.** – University of California, San Diego  
*Tracing metabolic insights into human disease*