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Robert H. Lurie Comprehensive Cancer Center of Northwestern University

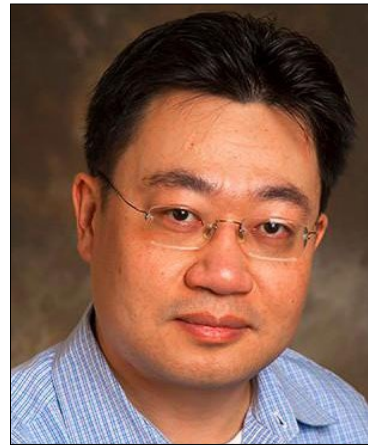
Lurie Cancer Center's Basic Research Seminar Series

Blood Chemicals and Anti-Tumor Immunity

Tuesday, May 6, 2025
11:00 a.m.- 12:00 p.m. CT

Searle Seminar Room, 1st Floor
Robert H. Lurie Medical Research Center
303 E. Superior St., Chicago, IL

A variety of factors, including mood and social interactions, gut microbiota, and diets could influence anti-tumor immunity. The mechanisms by which these seemingly disparate factors have a positive or negative impact, however, remain to be determined. I will discuss some of our new findings uncovering that the circulating “blood chemicals (BCs)” – nervous system-produced or microbe-derived metabolites and bioactive molecules, and diet-derived nutrients – have a vital, and specific, influence on diverse immune cells and related anti-tumor immunity.



Jing Chen, PhD

Janet Davison Rowley Distinguished Service
Professor of Medicine
Committee on Cancer Biology
Committee on Molecular Metabolism and Nutrition
University of Chicago

Hosted by: Shi-Yuan Cheng, PhD