



Image Source: National Institutes of Health

Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Lurie Cancer Center's Basic Research Seminar Series

Cancer Cell State and The Immune Microenvironment Coordinately Regulate Breast Cancer Metastasis

Tuesday, April 30, 2024

11:00 a.m.- 12:00 p.m. CT

Baldwin Auditorium, 1st Floor

Robert H. Lurie Medical Research Center

303 E. Superior St., Chicago, IL

Host: Huiping Liu

The Ewald Lab seeks to understand how groups of cells cooperate, compete, and interact to organize tissue architecture and function during development and disease progression. Our foundation is understanding of normal organ architecture and development: how are they built during early development and then remodeled during adult life? Our disease focus is on breast cancer and specifically on elucidating the cellular strategies and molecular mechanisms driving metastasis. Metastasis is the multistep process by which cancer cells acquire the ability to leave the primary tumor, travel through the circulation, evade the immune system, and establish new tumors in distant vital organs. More than 90% of cancer deaths are attributable to metastasis across all organ sites. Unfortunately, few approved drugs specifically target the metastatic process and current therapies are insufficiently effective for patients with metastatic cancer.

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Andrew Ewald, PhD

Virginia DeAcetis Professor of Breast Cancer Research
Professor and Director, Department of Cell Biology
Professor of Oncology and Co-Director,
Cancer Invasion and Metastasis Program
Sidney Kimmel Comprehensive Cancer Center