The Biological and Biomedical Joint Seminar Series

(Hosted by the departments of Molecular & Cellular Biology, Chemistry & Biochemistry, Cellular & Molecular Medicine, and Plant Sciences)

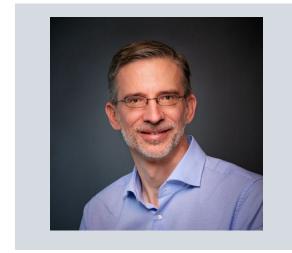
"Precision Medicine in Breast Cancer: From Basic Science to Clinical Implementation"

Adrian Lee, PhD

Pittsburgh Foundation Chair in Precision Medicine
Professor, Department of Pharmacology & Chemical Biology
and Human Genetics
Director, Institute for Precision Medicine
University of Pittsburgh, UPMC Hillman Cancer Center

Tuesday April 9th, 2024 @ 11AM ENR2, Room S225

Hosted By: Beckman Scholars (MCB)



Breast cancer is a poster child for precision medicine with advances in screening and treatment leading to a 40% reduction in breast cancer deaths. With great advances in the ability to understand the molecular underpinnings of both risk and progression of breast cancer, clinical treatment paradigms have become complex. In some instances, patients are now being over diagnosed and overtreated and there is an effort to right size some of the advances that have been made. In this seminar I will highlight how the Institute for Precision Medicine is enabling implementation of new clinical paradigms in a large healthcare system and use breast cancer as a specific use case indicating bedside to bench to bedside research. New tools and techniques for preforming systems biology analysis of breast cancers will continue to push this field forward and improve breast cancer patient outcomes.

https://leeoesterreich.org/

To see all upcoming seminars, please visit mcb.arizona.edu/events or join the MCB Seminar Listserv (listname: mcbjointseminar) at list.arizona.edu.

