

The Cell Signaling in Cancer Conference: From Mechanisms to Therapy

Organizer Bio: Donita Brady, PhD

Dr. Donita C. Brady is a Presidential Assistant Professor of Cancer Biology at the University of Pennsylvania. Her independent laboratory at Penn is founded in a new paradigm in nutrient sensing and protein regulation, termed metalloallostery, where redox-active metals control kinase activity, and is advancing our knowledge in basic science and disease-focused areas. Their focus lies at the intersection of kinase signaling and copper (Cu) homeostasis with the goal of defining the mechanistic features of Cu-dependent kinases to target them in cancer via drug repurposing or development.

She obtained her PhD in Pharmacology in 2008 with Dr. Adrienne Cox at the University of North Carolina at Chapel Hill. For her postdoctoral studies, Dr. Brady joined the laboratory of Dr. Christopher Counter at Duke University, which focuses on pharmacologically accessible signaling pathways downstream of oncogenes, like RAS.