“Mesothelin as a novel therapeutic target for pediatric leukemia”

February 14, 2021 | 1:30 PM – 2:30 PM | Zoom

Zoom Link: https://udel.zoom.us/j/94989176805?pwd=YWF6WlBjZ1lieXdYOHpnVVZEamVCZz09

ABSTRACT: Dr. Sonali Barwe received her Ph.D. in Biochemistry from The Indian Institute of Science in 2000. From 2000 to 2007, she worked as a Postdoc Researcher at the University of California, Los Angeles conducting research on the role of Na,K-ATPase as a cell adhesion molecule. In 2007, she became an Assistant Research Scientist at the Alfred I. duPont Hospital for Children, where she began developing leukemia xenograft mouse models using samples from patients treated at Nemours. Dr. Barwe is currently a Senior Research Scientist heading the Cancer Modeling Laboratory at Nemours. Her research is focused on deciphering the role of the bone marrow microenvironment in therapy resistance and identifying means to reverse it. She works on developing patient-derived xenograft models of pediatric leukemia for preclinical drug evaluation with the goal of transitioning to the clinic. She also mentors UD graduate students and co-directs the Nemours Summer Undergraduate Research Program.

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