PIONEERS IN BIOMEDICAL RESEARCH SEMINAR

Presented by the Fralin Biomedical Research Institute at VTC and co-sponsored by the Center for Vascular and Heart Research

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Understanding Vascular Morphogenesis and Morphology: Live Insights from Zebrafish

The mechanisms driving the morphogenesis of hierarchically patterned vascular networks are far from understood. Using live imaging in zebrafish, Siekmann's lab discovered that distinct morphogenetic principles underlie the formation of arteries and veins. They also found that endothelial cells lining arteries and veins differ in their morphologies. The lab is currently investigating how these morphologies control vascular function and the genetic pathways underlying proper vascular patterning.

FRIDAY, NOV. 21, 11 a.m.

Room 3012, 2 Riverside Circle
Watch live via Zoom at https://fralinbiomed.info/PBR-Join

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