

PIONEERS IN BIOMEDICAL RESEARCH SEMINAR

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



HENRY M. COLECRAFT, Ph.D.

John C. Dalton Professor
Department of Physiology and Cellular Biophysics
Columbia University Irving Medical Center

In Person Lecture: Engineering Post-translational Regulation of Ion Channels

Modulation of ion channel expression and activity is a critical mechanism to tune physiology and attack diseases, and also an important avenue for developing novel therapeutics. Dr. Colecraft will discuss his lab's work focused on engineering new ways to selectively modulate the expression and function of distinct ion channels that exploits targeted induced proximity of enzymes including E3 ubiquitin ligases, deubiquitinases, and kinases. The applications of this approach to develop novel therapeutics will be emphasized.

FRIDAY, APRIL 21, at 11 a.m.

Room R3012, 2 Riverside Circle, or watch via Zoom at <https://fralinbiomed.info/PBR-Join>,
or via live webcast at <https://fbri.vtc.vt.edu/events/live-webcast.html>.



FRALIN BIOMEDICAL
RESEARCH INSTITUTE AT VTC
VIRGINIA TECH.