



Robert M. Berne CVRC Seminar

The Robert M. Berne Cardiovascular Research Center Presents

Pearl Quijada, PhD

Affiliation:

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Regulation of Vascular Function by Cardiac Mesenchymal Cells

My research group focuses on cell-cell interactions in the developing coronary vasculature to enhance angiogenesis and reduce cardiac fibrosis after ischemic heart damage. We investigate epicardium-derived progenitor cells during the epicardial-to-mesenchymal transition and their effects on fibrosis, as well as the role of cardiac pericytes in maintaining vascular integrity and reducing adverse remodeling. Our projects employ advanced techniques, including cell-lineage tracking, conditional genetic knockout models, single-cell transcriptomics, and viral delivery methods.

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Thursday February 26, 2026

**11:00 AM-12:00 PM
MR5 3005**

****Refreshments served****

Hosted By: Jeff Sacuerman, PhD & Shayn Peirce-Cottler, PhD