The Robert M. Berne Cardiovascular Research Center Presents

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Perivascular cell plasticity promotes pre-metastatic niche formation and metastasis

Perivascular cells, including vascular smooth muscle cells and pericytes, promote tumor cell survival and proliferation in pre-metastatic tissues. Perivascular cells play critical roles in the pathogenesis of many diseases, including atherosclerosis and vascular injury through the reactivation of pluripotency factors. We show that targeting perivascular cell expression of the pluripotency factor KLF4 reduces tumor cell survival, proliferation, and metastasis

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Hosted By: Gary Owens, PhD
Refreshments Served