

Special Lecture:

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"Broken Hearts: PGC-1alpha, Cardiac Angiogenic Imbalances, and Peripartum Cardiomyopathy"

Tuesday, May 15, 2012, 5 pm s.t.

Lecture Hall G, MHH

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Abstract

"Broken Hearts: PGC-1alpha, Cardiac Angiogenic Imbalances, and Peripartum Cardiomyopathy"

Peri-partum cardiomyopathy (PPCM) is a frequently fatal disease that affects women near delivery, and occurs more frequently in women with pre-eclampsia and/or multiple gestation. This seminar will argue that that PPCM is associated with a systemic angiogenic imbalance, caused by late gestation, and accentuated by pre-eclampsia. The data strongly suggest that PPCM is in large part a vascular disease, triggered by anti-angiogenic signaling in the late gestation. The data also explain how late pregnancy poses a threat to cardiac homeostasis, and why pre-eclampsia and multiple gestation are important risk factors for the development of PPCM.

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