



Strategies for 3D Printing Complex Cardiac Tissue Mimics



PRESENTED BY

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SCHEDULE AND LOCATION

Thursday, February 20

(10:30 AM-11:30AM)

Doherty Hall (DH) A302

Cardiac tissue engineering has emerged as a means to create living, human, cardiac tissue outside the body as a model system in the near term and as a clinical replacement for diseased or damaged cardiac muscle in the long term. My laboratory is focused on understanding the intricate interplay between the extracellular matrix and cardiac cell types in vivo to guide cardiac tissue engineering efforts in vitro. In the course of this seminar I will share our most surprising mechanistic insights and describe how they now guide 3D bioprinting approaches to generating complex cardiac tissues.



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