



DEPARTMENT OF PHYSICS AND ASTRONOMY

COLLOQUIUM **IN-PERSON ONLY EVENT**



Human heart cells: disease modeling and the impact of space microgravity

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Human heart cells derived from induced pluripotent stem cells have created a new paradigm to study basic developmental biology and cardiac diseases caused by genetic and environmental factors. In addition, these cells are a powerful tool for drug discovery and have potential for cardiac regeneration.

This colloquium will provide examples on the identification of new molecules involved in the generation of heart cells and the use of the cells to study cardiac diseases and drug response. This colloquium will also discuss new technologies to facilitate the application of these cells including recent findings on the effect of space microgravity on heart cells.



Thursday, October 16, at 3:55 PM

IN-PERSON EVENT ROOM 202

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