Guest Speaker

“Modeling cardiac diseases with iPSC technology”

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The main aim of my research group is to differentiate functional cardiomyocytes from pluripotent stem cells and study different genetic heart diseases with the help of iPSC technology. Research focuses also on the development of iPSC lines and optimizing the differentiation methods and growth environment of cardiomyocytes. We aim to ascertain the mechanisms, signaling pathways and genes underlying differentiation to be able to differentiate cardiomyocytes in culture. We conduct research with biomaterials suitable for the cultivation of cardiomyocytes and develops different ways to characterize the functionality of the cardiomyocytes, for example to study the drug responses.

Friday, June 1, 2018
10:00am – 11:00am
Gonda Building 1st Floor Conference Room, 1357
Light snack will be provided

To meet with Dr. Katriina Aalto-Setälä, please contact:
Host: Dr. Paivi Pajukanta, ppajukanta@mednet.ucla.edu