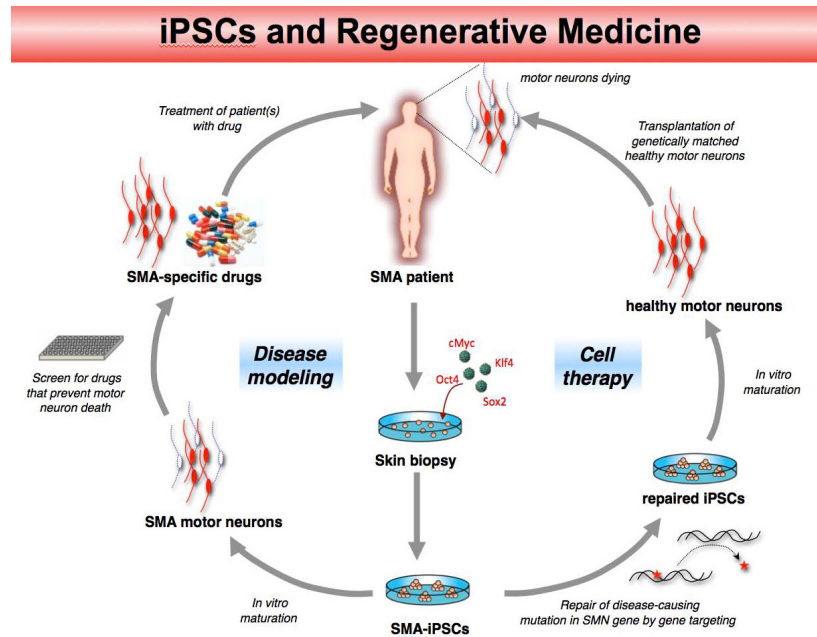




Understanding mechanisms of cellular reprogramming



My lab investigates the mechanisms of cellular reprogramming into induced pluripotent stem cells (iPSCs). Specifically, I will talk about our recent understanding of the transcriptional and epigenetic changes inherent to iPSC induction. Moreover, I will discuss the similarities and differences between iPSCs and embryonic stem cells and ways to generate iPSCs of higher quality. Lastly, I will touch upon the role of three-dimensional chromatin structure in the control of pluripotency and cellular reprogramming.

Dr. Konrad Hochedlinger

Harvard University, MGH Cancer Center and HHMI

Host: Dr. James Ellis

Date: Monday December 16, 2013

Time: 4:00 p.m.

Place: FitzGerald Building
150 College Street
Room 103