



**Spring 2019**

# **STEM CELL WORKSHOP**

## **(ANAT 7760)**

Advances in stem cell research has created tremendous opportunities across a broad spectrum of fields. This course provides students with all the necessary knowledge and technical know-how to start working with human stem cells. The lectures introduce the fundamentals of stem cell biology and expose students to ongoing stem cell-related research at the University of Utah. The lab section provides each student with practical hands-on techniques required for reprogramming, culturing, and cryopreserving iPSCs. Each student also learns how to differentiate iPSCs into either neurons or beating cardiomyocytes

**Limited to 15 people | 3 credit hours | Tue & Thu, 2:00 - 3:30pm**

**Course Directors:**

Alex Shcheglovitov, Ph.D., [alexsh@neuro.utah.edu](mailto:alexsh@neuro.utah.edu)

Colin Maguire, Ph.D., [colin.maguire@utah.edu](mailto:colin.maguire@utah.edu)

Sponsored by the Center for Clinical and Translational Sciences (CCTS)