UC San Diego Health
Sanford Stem Cell Clinical Center

Stem Cell Clinical Trials Course at UCSD Extension

This course focuses on practical application of the principles of translating stem cell-based therapies, especially those in early development and in phase 1 studies. Students will acquire skills to translate these interventions from the bench to the bedside by designing a trial. Differences between drug development and stem cell-based therapies will be highlighted.

Featuring expert guest speakers primarily affiliated with the Sanford Consortium and UCSD CIRM Alpha Stem Cell Clinic

- Michael Choi, MD, Moores Cancer Center
- UCSD Division of Regenerative Medicine and representation from the GMP Facility
- Joseph Ciacci, MD, Department of Surgery (Neurosurgical stem cell studies)
- UCSD Regulatory Expert
- Eric Ahrens, PhD, Imaging Expert
- Michael Caligiuri, PhD, Former Chairman of UCSD IRB & Professor Emeritus of Psychiatry
- Others experts on pertinent matter from our own CIRM Alpha Stem Cell Clinic

Highlights of the Stem Cell Translation course

- 20 hours of face-to-face interaction (2 units; course CLRE-237)
- Once weekly on Mondays: April 2 – June 11, 2018
- 4:00 – 6:00 pm
- Location: UCSD Extension, UCC, 6256 Greenwich Drive, Suite 150: Room 111
- Final project: individually design a rational, ethical clinical trial featuring a cell-based therapy
- Grade based on participation, homework and a final exam/individual project
- Build the cost into your upcoming grants! The cost is $1,500.00 for non-MAS or non-CREST seekers. For MAS or CREST members, the cost is about $575.00. This cost may be able to be built into grants to be submitted.

Course Objectives:

- Understanding to bench to bedside concept
- Understanding the process of development of new stem cell-based therapies
- Determining the preclinical work needed to support first-in-human studies
- Articulate the rationale and objectives for a stem cell study
- Identify and describe the appropriate study design and methods
- Select a study population and methods for their recruitment and selection of study subjects for a stem cell study
- Select outcome measures for safety and efficacy
- Design a monitoring plan to protect both participants and the scientific and ethical integrity of the study
- Determine methods of data collection, sample size and analysis plan

Please visit https://actri.ucsd.edu/education/crest-program/Pages/default.aspx to apply and for contact information for the CTRI CREST Program administrators. The Alpha Clinic is unable to answer enrollment related questions.

DEADLINE TO ENROLL IS APRIL 30th, 2018

Contact the CTRI CREST Course team with Questions
UC San Diego CIRM Alpha Stem Cell Clinic
http://stemcells.ucsd.edu/sanford-center/ | 9500 Gilman Dr MC 0695, La Jolla CA 92093-0695