



Stuart Chambers, PhD

Stuart Chambers is a Senior Scientist at Amgen in South San Francisco where he leads the Induced Pluripotent Stem Cell (iPSC) Center of Excellence team as part of the Genome Analysis Unit (GAU). The GAU is an interdisciplinary team of scientists who work to evaluate and develop novel technologies for Amgen. Stuart received his doctorate at Baylor College of Medicine in hematopoietic stem cell biology in the laboratory of Margaret A. Goodell and trained as a Postdoctoral Research Fellow in the laboratory of Lorenz Studer at Sloan Kettering Institute developing methods to differentiate iPSCs into neural cell fates for cell therapy.

His group studies iPSCs for disease modeling and cell therapy across multiple therapeutic areas including Neuroscience, Cardiovascular, and Inflammatory/Oncology. He works to generate human cell fates across multiple germ layers to conduct early target identification and cell-based bioassays for drug development. In addition, his focus is to generate protocols to exploit iPSCs as a source for cells for cell replacement therapy.