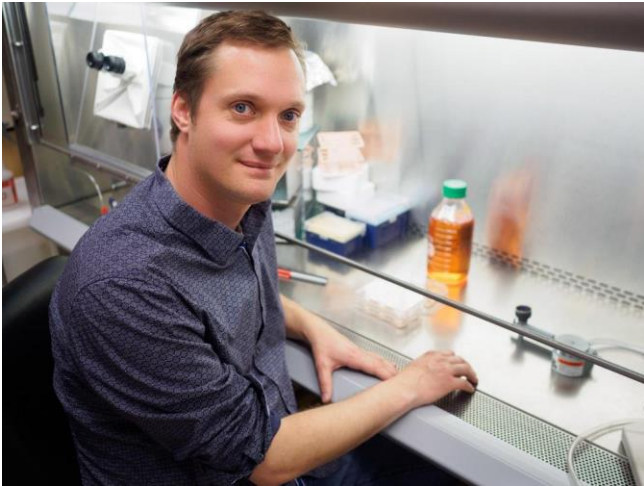


The Department of Molecular, Cellular and Developmental Biology Seminar Series Presents



Dirk Hockemeyer
*Assistant Professor of
Molecular and Cell Biology*
UC Berkeley

“Elucidating the mechanisms of cellular immortality”

The focus of my work is to establish reliable techniques that allow modeling of human diseases using genetically engineered human and stem cell and mouse models. As a principle investigator, I am leveraging my expertise in telomere biology, mouse genetics, human stem cell techniques and genome editing to elucidate the mechanism of telomerase regulation in human stem cells, upon their differentiation and during tumor formation. In addition, my research team seeks to understand the consequences of telomere shortening in adult stem cells and how this impacts tumor formation, stem cell renewal as well as cellular and organismal ageing. We address these questions using genetically engineered human pluripotent stem cells (hPSCs), as well as human adult stem cells, human organoid systems and genetic mouse models.

Wednesday, February 6, 2019

Osborn Memorial Lab OML 202

165 Prospect Street, New Haven

3:45pm Tea 4:00pm Seminar

Hosted by: Nadya Dimitrova

Sponsored by the Mrs. Hepsa Ely Silliman Memorial Fund

For more information contact: laurie.tomei@yale.edu

