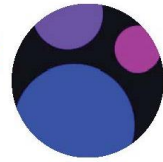


McNamara Lab @Yale

WU TSAI INSTITUTE
YALE UNIVERSITY



Opportunity for Postdoctoral Researcher(s) in Synthetic Developmental Biology

The Synthetic Developmental Biology Laboratory (syndevbio.org) at Yale seeks postdoctoral researchers. The SynDevBio group uses stem cell-based models of development (e.g. organoids and embryo models) as laboratories to investigate fundamental principles of multicellular self-organization. We have developed genetic tools to record and control cell signaling, and a robust pipeline for engineering stem cells. By ‘reading’ and ‘writing’ signals in stem cell models, we can decode programs through which multicellular patterns and forms arise from fundamental interactions between cells.

Our laboratory is part of the Department of the Molecular, Cellular, and Developmental Biology (MCDB) and newly formed Wu Tsai Institute (wti.yale.edu) – providing embedding both within a broader biological community, and within neuroscience at Yale. Our newly renovated laboratory space is located at the WTI on the 10th floor of 100 College Street. Yale also is home to a vibrant and growing community in biological physics, including the Quantitative Biology Institute, and to the Yale Stem Cell Center.

We seek curious, creative, and ambitious scientists who are further committed to being kind, supportive, and collaborative colleagues. Our group is highly interdisciplinary, and successful applicants may have backgrounds in developmental biology, neuroscience, synthetic biology, biological physics, or any combination thereof. Our current main areas of focus are:

- (1) Recording and controlling morphogen signals in organoids and embryo models
- (2) Developmental electrophysiology

Interested applicants should contact harry.mcnamara@yale.edu with the following materials:

- CV
- A cover letter, including a brief proposal of your research focus within the group
- Contact information for 3 professional references



View of Yale University and New Haven from 100 College St.