



Postdoctoral Positions at UCSF – Selleri Laboratory

Transcriptional and Epigenetic Control of Morphogenesis in Development, Evolution, and Disease

Positions for highly motivated postdocs are available in the laboratory of Dr. Licia Selleri in the Program of Craniofacial Biology & Institute for Human Genetics of the University of California, San Francisco. We study the epigenetic and transcriptional regulation of morphogenesis in development, evolution, and disease. To this end, we use genome-wide, systems biology approaches, leveraging the strengths of different organismal systems, including mouse, chick, pig, lizard, and human embryos. A special focus is on organogenesis of the craniofacial & appendicular skeleton (A few relevant papers during the past 13 years: Vitobello et al, *Developmental Cell* 2011; Ferretti et al, *Developmental Cell* 2011; Koss et al, *Developmental Cell* 2012; Handschuh et al, *Cell Reports* 2014; Vierstra J & Mouse ENCODE Consortium, *Science* 2014; Cheng & Mouse ENCODE Consortium, *Nature* 2014; Yue & Mouse ENCODE Consortium, *Nature* 2014; Prescott et al, *Cell* 2015; Losa et al, *Development* 2018; Samuels & FaceBase Consortium, *Development* 2020; Cozzitorto et al, *Developmental Cell* 2020; Long et al, *Cell Stem Cell* 2020; Losa et al, *Nature Communications* 2023; Kemmler et al, *Nature Communications* 2023; Selleri & Rijli, *Nature Reviews Genetics* 2023). Lab Webpage: <https://selleri.ucsf.edu>

Candidates must hold a PhD degree in genetics, molecular biology, biochemistry, or relevant field. The ideal candidate should have strong interests in gene regulation in morphogenesis and/or evo-devo. Bioinformatic skills and experience in next generation sequencing are desirable. Our lab is located within the stimulating scientific environment of UCSF on the Parnassus Campus, within one of the strongest US communities devoted to the study of craniofacial development and birth defects, the UCSF Program in Craniofacial Biology. Our group has also established collaborations with other outstanding laboratories that focus on craniofacial development in the Bay Area, both at Stanford and at the LBNL. It is of note that the UC system recently adjusted its compensation guidelines to provide highly competitive postdoc salary.

Qualified applicants should send their CV, a brief description (less than 1 page) of research experience and interests, a statement of career goals, and contacts of three referees to Licia.Selleri@ucsf.edu

