

Heart Regeneration Laboratory

Job title – Postdoctoral Fellow at Children’s Hospital Los Angeles/ University of Southern California

Department –Surgery, Biochemistry and Molecular Medicine

4650 Sunset Blvd. MS#137. Los Angeles, CA 90027

A postdoctoral fellow position is immediately available in the Lien laboratory to study coronary vessel development and heart regeneration. Adult zebrafish have the remarkable capacity to regenerate injured hearts. We aim to determine the molecular mechanisms of the natural regeneration process of the zebrafish heart and use the knowledge as a blueprint to help design potential therapeutic strategies for diseased mammalian hearts.

For this specific position, the candidate will use both zebrafish and cell cultures to assess interactions between coronary vessels and cardiomyocytes. A background in molecular biology and cell culture is required. Previous experience working with zebrafish, especially in generating transgenic and CRISPR mutant zebrafish, is desired. Experience in (micro) surgery/dissection and in situ hybridization is also preferred but not required. Salary will follow NIH standards and we offer excellent benefits. Please send CV and names of 3 references to Ching-Ling (Ellen) Lien via e-mail (below).

URL –

http://www.usc.edu/programs/pibbs/site/faculty/lien_c.htm

<http://www.chla.org/profile/ching-ling-ellen-lien-phd#quickset-profile2>

Contact Person and Email address –

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