

Postdoctoral Position - University of California, Irvine

Topic: Regeneration of endocrine cells

The Parsons Lab in the Department of Developmental and Cell Biology at the University of California, Irvine seeks a highly motivated postdoctoral fellow. The lab has developed several new techniques to facilitate studying regeneration in zebrafish and produced innovative research on the role of progenitors in both pancreas development and repair. A successful candidate would possess a strong research background in developmental biology, stem cell biology, and ideally zebrafish genetics. Preference will be given to applicants with additional research experience in studying functional genomics. Good written and oral communication skills are essential, along with excellent organizational skills. The postdoctoral fellow will be expected to apply for fellowship grants and actively manage ongoing projects, including investigating how the contribution of pancreas progenitors to regeneration is regulated at a genomic level.

The Department of Developmental and Cell Biology houses a diverse and exciting group of research labs providing numerous opportunities for cross-disciplinary collaboration. The Parsons Lab is committed to scientific excellence, diversity, and to providing mentorship for professional growth. Qualified candidates should send curriculum vitae along with the names and addresses of three references using the following on-line recruitment URL:

<https://recruit.ap.uci.edu/apply/JPF04085>

The University of California, Irvine is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected categories covered by the UC nondiscrimination policy.

Recent papers of interest:

2016 Sox9b is a mediator of retinoic acid signaling restricting endocrine progenitor differentiation. Huang W, Beer RL, Delaspre F, Wang G, Edelman HE, Park H, Azuma M and Parsons MJ. *Developmental Biology* 418(1): 28-39.

2016 Centroacinar cells: At the center of pancreas regeneration (review). Beer RL, Parsons MJ and Rovira MC. *Developmental Biology* 413(1): 8-15. Front cover.

2015 Centroacinar cells are progenitors that contribute to endocrine pancreas regeneration. Delaspre F, Beer RL, Rovira M, Huang W, Wang G, Gee S, Vitery MC, Wheelan SJ, and Parsons MJ. *Diabetes* 64(10): 3499-3509.

2015 First quantitative high-throughput screen in a vertebrate model system: repurposing drugs for increased β -cell mass. Wang G, Rajpurohit SK, Delaspre F, Walker SL, White DT, Ceasrine A, Kuruvilla R, Li R, Shim JS, Liu JO, Parsons MJ,* Mumm JS.* *eLife* 4:e08261 *Joint work