

Postdoctoral Scholar in Hormonal Signaling in Mammalian Species

University of California, Riverside

Who we are:

The Haga-Yamanaka Lab in the Department of Molecular, Cell, and Systems Biology at the University of California, Riverside is recruiting a postdoc. The position is immediately available. Our current research is focused on hormonal signaling in mammalian species. We employ multi-disciplinary approaches, including cell culture, reporter assays, histology, molecular biology, as well as *in vivo* physiological and behavioral studies, and mouse genetics, to understand molecular basis of hormone signaling and physiological consequences of the gain/loss of signaling in the brain and other tissues *in vivo*.

Who you are:

- Ph.D. degree or equivalent in molecular biology, cell biology, endocrinology, neuroscience, or related disciplines
- Solid experience in cell culture, reporter assays such as a luciferase assay, basic molecular biology (RT-PCR, qPCR, cloning, *etc.*), and immunocytochemistry
- Mouse experience (including genetics) is preferred
- Highly self-motivated
- Excellent written and verbal communication skills
- Less than 3 years of postdoctoral training is preferred
- Analytical skills with Prism, FIJI or R is a plus

What we offer:

- Excellent opportunities to advance your academic career
- Excellent training in technical and analytical skills
- Vibrant and dynamic research environment
- Collaborations with endocrinology, developmental biology, and neuroscience labs in Southern California and other international institutes
- Above NIH-pay-scale postdoc salary

Relevant publications:

- Haga-Yamanaka S, Ma L, He J, Qiu Q, Lavis LD, Looger LL, Yu CR. (2014) Integrated Action of Pheromone Signals in Promoting Courtship Behavior in Male Mice. *eLife* Jul 29; 3: e03025.
- Okamoto N, Viswanatha R, Bittar R, Li Z, Haga-Yamanaka S, Perrimon N and Yamanaka N. (2018) A Membrane Transporter Is Required for Steroid Hormone Uptake in *Drosophila*. *Dev Cell*. 47:294-305

How to apply:

Interested applicants should submit a single PDF including a cover letter, CV, and contact information for 3 references via email to sachikoy@ucr.edu.



Department of Molecular, Cell, and Systems Biology
University of California, Riverside
Riverside, CA

UCR is a world-class research university with an exceptionally diverse undergraduate student body. Its mission is explicitly linked to providing routes to educational success for underrepresented and first-generation college students. A commitment to this mission is a preferred qualification.

The University of California is an Equal Opportunity / Affirmative Action Employer with a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veteran status, or any other characteristic protected by law.