



The **O'Brien Lab** (www.stemdynamics.org) in the Stanford Department of Molecular & Cellular Physiology is seeking a **Ph.D.-level, Basic Life Science Research Scientist** (Posting #97864 <https://careerssearch.stanford.edu>) to help direct cutting-edge imaging and genetic approaches toward understanding complex cellular interactions in functioning organs. The position offers the opportunity to provide conceptual, organizational, and technical support and to work with the PI in writing manuscripts and grants. You will be part of an interactive, supportive, and inclusive team investigating stem cell and organ dynamics *in vivo*. We value and embrace our diversity of backgrounds and skills, leveraging this as a source of strength for our shared mission of curiosity-driven scientific discovery.

Our ideal candidate has postdoctoral experience in one or both of the following areas: (1) classical and molecular *Drosophila* genetics (including transgene design, cloning and molecular biology), and/or (2) live microscopy and computational image analysis (Python, MATLAB, or R). You are an intelligent, technically rigorous, and highly organized individual with a team-building mindset and exceptional interpersonal skills. You enjoy learning and even developing new technical approaches and gaining expertise in new conceptual areas. You are eager for your work to make a difference by helping bring to light new insights on stem cell and tissue biology *in vivo*, and by helping to mentor trainees for their next career stages. You find it inherently rewarding to work with others to get things done, but you can also step up and take ownership when the situation requires. A track record of research productivity is essential; demonstrated success in obtaining research funding (for instance, an independent graduate or postdoctoral fellowship) is preferred. Strong scientific writing skills are required, and a writing sample will be requested as part of the evaluation process.

Initial contract is for one year and is renewable based on successful performance. Your first year will focus on completing and writing up for publication of existing projects in the lab that investigate dynamics of *Drosophila* intestinal renewal, regeneration, and resizing. Following a successful first year, you will have the opportunity to initiate new, independent lines of research in the lab, including grant writing to obtain funding for these new avenues. Over time, an approximate 80:20 split between research/manuscript writing and grant writing is anticipated.

Qualifications:

- Ph.D. required; at least 3 years of postdoctoral research experience preferred
- Strong background in at least one of these two areas: (1) classical and molecular *Drosophila* genetics (including transgene design, cloning, and molecular biology), and/or (2) live microscopy and computational image analysis (e.g. Python, MATLAB, or R)
- Technically rigorous and highly organized
- Track record of productivity in research
- Demonstrated success in obtaining research funding preferred
- Outstanding interpersonal and writing skills. A writing sample will be requested.

For more information or to apply: Please send CV and cover letter to scientist.position.obrien@stanford.edu or scan the QR code at right →



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