

# POSTDOCTORAL SCHOLAR

## Department of Molecular, Cell, and Systems Biology

### University of California, Riverside

The laboratory of Dr. Manuela Martins-Green in the Department of Molecular, Cell, and Systems Biology at the University of California, Riverside is looking for a highly motivated postdoctoral scholar to join its research team working on cell and molecular mechanisms of response to injury.

The research will focus on determining whether injury caused by toxins, specifically third-hand smoke (THS) toxins, lead to epigenetic changes that result in reduced production of ATP. We also seek to determine whether those changes are passed on from generation to generation and for how long they might remain. This project will also involve other basic mechanisms of mitochondrial function affected by exposure to THS. For these studies we have developed a novel exposure system of mice that mimics exposure of children to THS in homes of smokers. The results we will obtain will have implications for policy changes to reduce/avoid exposure of children, the elderly, and those who live with smokers.

**Qualifications:** Applicants should hold a Ph.D. degree in Biological Sciences with an emphasis in cell and molecular biology and associated technologies. A background in mitochondrial biology would be a very positive attribute. Previous experience with metabolomics, proteomics, transcriptomics or bioinformatics would be helpful but not essential. Strong communication skills (both written and spoken) are required. In addition, the candidate must maintain a note book with detailed notes and data recording, and pay close attention to detail. Candidate should be able to work both independently and in a collaborative environment.

**Salary:** Candidate will be offered a competitive salary commensurate with their experience

Individuals interested in applying should send their curriculum vitae (CV), a description of their research experience, a statement of research interests, and a list of three references via email to:

[manuela.martins@ucr.edu](mailto:manuela.martins@ucr.edu).

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*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.*