



Department of Cell Biology
University of Oklahoma Health Sciences Center,
College of Medicine

The Department of Cell Biology (http://w3.ouhsc.edu/cell_biology) at the University of Oklahoma Health Sciences Center (OUHSC) invites applications for a tenure/tenure-track faculty position, with rank commensurate with qualifications. Exceptional candidates at any level are encouraged to apply. The successful applicant will conduct a productive research program in the broad fields of cancer, cell and/or molecular biology, neuroscience, or education. This position will involve teaching Gross Anatomy to professional and graduate students.

Candidates must show evidence of productive research accomplishments. A candidate for Associate or Full Professor must have a currently funded research program. All candidates are expected to develop/maintain a fully independent research program addressing fundamental questions in an area of modern cell biology or education, participate in the teaching missions of the department and form productive interactions with colleagues and other scientists at the OUHSC. Research using model organisms is of particular interest.

The position includes a competitive salary, multi-year start-up package, and ample laboratory space. Additional local funding is available on a competitive basis through the Oklahoma Center for Advancement of Science and Technology, seed grants and NIH-sponsored institutional grants. OUHSC maintains outstanding Core Facilities (<http://www.oumedicine.com/body.cfm?id=6030>) that support flow cytometry, confocal imaging, mass spectrometry, gene chip technology and sequencing technology for expression profiling, genetic analysis and ChIP-seq.

Please submit a PDF file containing a *curriculum vitae*, a description of current and future research plans, copies of representative publications (no more than three), and complete contact information for three references to **Paula Slaughter** at CBSEARCHCOMM@ouhsc.edu. Confidential inquiries may also be addressed to **Paula Slaughter** at CBSEARCHCOMM@ouhsc.edu. The review process will begin on **June 1, 2012**.

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Research Fellow T Cell Receptor Biology

A postdoctoral position is available immediately to participate in an exciting new area of T cell receptor (TCR) biology involving mechanotransduction. The successful candidate must have a PhD or equivalent and be highly motivated. He/she will work with a team of immunologists and structural biologists seeking to explore the details of how mechanical force upon pMHC ligation signals from the TCR ectodomains through their transmembrane and cytoplasmic tails. The ideal candidate should have excellent skills in biochemistry, molecular biology and T cell functional studies including transfection of T cells, cell growth and functional analysis as well as flow cytometry.

Research Fellow Thymic Development

A postdoctoral position is now available for a highly motivated scientist to study thymic development involving plexin-semaphorin regulated migration of thymocytes. The successful candidate should have a PhD degree and familiarity with basic techniques such as animal handling, multicolor flowcytometry, multicolor confocal microscopy and cell biology. Research experience in immunology and strong background in T cell development/migration are essential, and some expertise in biochemistry/molecular biology is helpful.

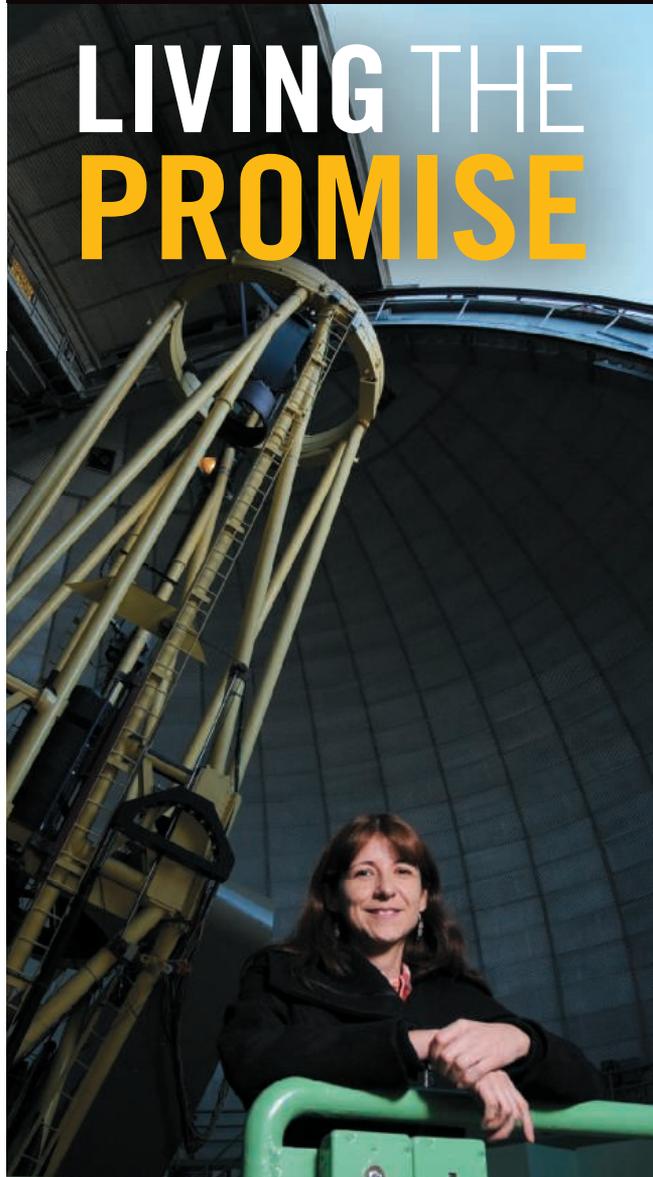
If interested, please send your CV, a brief summary of research experience and names of three referees to: Ellis Reinherz, MD, Professor of Medicine, Harvard Medical School and the Department of Medical Oncology, Dana-Farber Cancer Institute, 450 Brookline Ave., Boston, MA 02215; Email: ellis_reinherz@dfci.harvard.edu.

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