

Postdoctoral Position - National Heart, Lung and Blood Institute, National Institutes of Health

Lysosomes in Health and Disease

A postdoctoral position is available in the Cell Biology and Physiology Center (Rosa Puertollano, PI) at the National Heart, Lung and Blood Institute, National Institutes of Health. The successful candidate would join a multi-disciplinary and highly interactive team of researchers with diverse backgrounds and expertise in a collaborative scientific environment. We are interested in understanding the contribution of lysosomes to different physiological processes, both in normal and pathological conditions. Current projects include the study of endo/lysosomal TRP channels, the characterization of the role of mTOR and TFEB in lysosomal biogenesis and nutrient sensing, and the elucidation of new approaches for the treatment of lysosomal storage disorders. We use a wide range of cell biology techniques (molecular biology, protein biochemistry, confocal microscopy) as well as *in vivo* animal models (mouse and zebrafish). The laboratory has recently generated several zebrafish mutant lines carrying mutations in genes associated with lysosomal diseases and regulation. The Postdoctoral Fellow will be responsible for planning, initiating and conducting experiments with zebrafish to further characterize these lines. Prior experience in zebrafish biology, gene editing, and familiarity with high-throughput chemical screening assays is preferred. For more information, please visit: <http://www.nhlbi.nih.gov/research/intramural/researchers/pi/puertollano-rosa/puertollano-rosa.html>

Requirements:

Applicants must have a Ph.D. or equivalent with less than five years of postdoctoral experience, an ability for independent research, a strong interest in interdisciplinary approaches and collaborations, and relevant publications in peer review journals. Salary is commensurate with research experience and accomplishments

To Apply:

Applicants should send their curriculum vitae, a brief statement of research interests, and the names and contact information of three references to:

Rosa Puertollano Ph.D.

Senior Investigator–Laboratory of Cell Biology

Building 50, Room 3537

50 South Drive, Bethesda, MD 20892-1454, USA

Email: puertolr@mail.nih.gov

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