POSTDOCTORAL POSITION AVAILABLE

Topics: Membrane Trafficking, Autophagy and Structural Biology

A postdoctoral position is available in the Chi Lab at the University of North Carolina at Charlotte for a federally funded project. Our lab is interested in understanding membrane trafficking using *Saccharomyces cerevisiae* as a model system. The funded research project aims to determine how the sorting nexins, a diverse family of molecules that play varied roles in membrane trafficking, participate in the process of "self-eating" or autophagy. Autophagy is a critical cellular process that must be tightly controlled to prevent biological miscues that can result in aberrant cellular growth or death. More details about our research and recent publications are available at our website https://chilab.uncc.edu. Trainees will benefit from a fully equipped lab with the latest technologies in molecular biology, protein biochemistry, yeast genetics, and live-cell fluorescence imaging. In addition, trainees will work closely with our university's core facilities and collaborators for training in Cryo-EM, TEM and super-resolution microscopy.
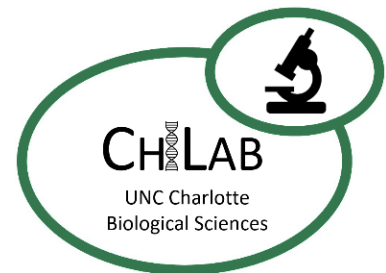
Qualifications and Experience: A PhD degree in Biology or related field is required. Candidates interested in investigating fundamental processes in biology at the cellular and molecular level with experience in yeast genetics and/or structural biology will be considered. Familiarity with live-cell microscopy and protein structure determination will be a plus but not essential.

Women and under-represented minorities are particularly encouraged to apply.

Additional Information: Please attach the following electronic documents to the application: Cover letter, resume, and the names, email addresses, and telephone numbers of at least three references.

Please application materials to Dr. Richard Chi via email, richard.chi@uncc.edu

Application site can be found here: https://jobs.uncc.edu/postings/32859