

07/06/2021

An NIH-funded postdoctoral position is immediately available in the MacLean lab in the Department of Pharmacology and Physiology at the University of Rochester, NY. We seek an enthusiastic and motivated researcher to join our team to study the biophysics of glutamate receptors and acid-sensing ion channels. Research will be focused on understanding essential mechanisms of channel activation and desensitization and how these processes can be modulated. Our work combines patch clamp electrophysiology with fast perfusion, non-canonical amino acid incorporation, mathematical modelling and fluorescence spectroscopy approaches.

The successful candidate will have recently received a PhD degree in neuroscience, pharmacology, physiology or other related field. Expertise in patch clamp electrophysiology is expected and additional experience with any one of: fluorescence microscopy, non-canonical amino acids and/or neuronal cultures is preferred. The successful candidate will benefit from an outstanding research environment boasting a rich history of ion channel study as well as opportunities for career enhancement and development into an independent investigator. Salary will be commensurate with qualifications, experience, and university guidelines. At the University of Rochester, we embrace diversity and inclusion as we believe they are an essential part of our success.

To apply, please send an email to Dr. David MacLean at david_maclean@urmc.rochester.edu with CV, contact information of three references, and a brief summary of research interests. Review of applications will begin immediately and will continue until the position is filled. University of Rochester Medical Center is an Equal Opportunity Employer for females, minorities, individuals with disabilities and protected veterans.