

**POSTDOCTORAL POSITION
DEPARTMENT OF BIOMEDICAL SCIENCES
COLORADO STATE UNIVERSITY**

NIH funded postdoctoral positions are available in the Biomedical Sciences Department at Colorado State University in the laboratory of Dr. Jozsef Vigh to study synaptic processing of visual information in the retina. This research uses primarily patch clamp techniques in conjunction with fluorescent imaging, focusing on bipolar cells and the inner retina.

The lab is located on the main campus of CSU in Fort Collins, an award-winning city ("Best places to live" by Money Magazine) with about 140,000 people on the Front Range of the Rocky Mountains. Easy access to hiking, skiing, rafting and other outdoor sports is a great advantage to CSU students, faculty and staff. CSU is less than an hour away from the Denver International Airport.

Motivated individuals with recent PhD, a background in neuroscience and electrophysiological expertise are particularly encouraged to apply. Experience in retinal research is a plus. To apply, please send cover letter detailing experience, CV and names/contact information of 3 references electronically to:

Dr. Jozsef Vigh
jozsef.vigh@colostate.edu
Phone: (970) 491-5758

Applications received by September 30, 2010 will be given full consideration; position open until filled.

Postdoctoral fellows will be responsible for:

- making dissociated cell and neural slice preparations from goldfish retina and performing experiments using classical patch clamp methods (i.e. voltage- and current clamp experiments combined with neuropharmacology).
- processing and analyzing the obtained electrophysiological data
- preparing the data for publication including scientific meeting presentations and contributing to the writing of peer-reviewed journal articles

Accordingly, applicants will be evaluated based on their:

- experience in establishing and maintaining (neuronal) cell cultures
- experience in performing patch clamp experiments
- experience in using Patchmaster, Igor, Sigma Plot, Excell, PowerPoint softwares
- written and verbal English

Additional information about the Biomedical Sciences Department can be found at <http://www.cvmb.colostate.edu/ns/departments/bms/>

Colorado State University is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final candidates being considered for employment. Background checks may include, but are not limited to, criminal history, national sex offender search and motor vehicle history.

Colorado State University is an equal opportunity/affirmative action employer and complies with all Federal and Colorado State laws, regulations, and executive orders regarding affirmative action requirements in all programs. The Office of Equal Opportunity is located in 101 Student Services. In order to assist Colorado State University in meeting its affirmative action responsibilities, ethnic minorities, women and other protected class members are encouraged to apply and to so identify themselves.