Postdoctoral Fellowship

in

Electrophysiology and Confocal Microscopy

A motivated postdoc is needed in a combined molecular and electrophysiology lab investigating the molecular mechanisms of long lasting plasticity. The lab is primarily concerned with detecting gene products regulated by plasticity and survival and with targeting transgenic tools to elucidate their function both in vitro and in vivo. Patch clamp and microelectrode array techniques are combined with confocal and CCD camera-based imaging to study calcium signalling and synaptic transmission in hippocampal cultures and acute brain slices.

Proficiency in electrophysiology (preferably patch clamp) is necessary and some imaging experience (confocal or calcium imaging) is advantageous. The institute offers excellent research facilities and support in an intellectually stimulating environment where English communication predominates. A fellowship of 2 years’ duration will be offered, starting as soon as possible.

Applications including CV, publications list and the names of 2 referees to:
epeterbengtson@uni-hd.de

For further information on us:
http://www.nbio.uni-heidelberg.de/Groups/Bengtson/Home.html
http://www.izn.uni-heidelberg.de/e/profiles/bading.html

References:


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