



Cornell University
College of Agriculture
and Life Sciences

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POSITION ANNOUNCEMENT

Postdoctoral Associate
Neurotoxicology of Insecticides

POSITION:

A Postdoctoral Associate position is available beginning on or after November 1, 2009 in the Insecticide Toxicology Research Laboratory at Cornell University's New York State Agricultural Experiment Station campus in Geneva, New York. This position is a one-year appointment that is renewable annually for up to three years contingent on job performance and continued funding. Successful applicants will participate in NIEHS-funded research to define the mechanisms of action of neurotoxic insecticides on cloned rat and human voltage-sensitive sodium channel isoforms, map the binding sites for insecticides in relation to sites of action of other toxicants and drugs by site-directed mutagenesis, and identify the molecular basis of the differences in sensitivity to insecticides between mammalian sodium channel isoforms and between mammalian and insect sodium channels. Further information on the insecticide toxicology research program is available at:

<http://www.nysaes.cornell.edu/ent/faculty/soderlund/index.html>.

QUALIFICATIONS:

A Ph.D. degree in an appropriate biological discipline and experience in the patch-clamp analysis of ion currents in neurons or transfected cells are required. Experience in the development and use of transfected mammalian cell lines and fluorescence assays of ion channel function is desirable.

SALARY/BENEFITS:

Salary will be based on NIH postdoctoral compensation guidelines, commensurate with years of previous postdoctoral experience. Cornell University provides an attractive fringe benefits package.

APPLICATION:

Please send a letter of application, curriculum vitae and the names of three professional references to:

Prof. David M. Soderlund
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