A postdoctoral position is available to study the cellular mechanisms of associative learning. The research interests of this laboratory are the neuronal and molecular mechanisms underlying learning and memory. The marine mollusc *Aplysia* is being used as a model system to analyze and compare mechanisms that underlie two important forms of associative learning: classical and operant conditioning. Our approach is to investigate classical and operant conditioning in a preparation in which both forms of learning are amenable to cellular and molecular analysis. This approach of using two forms of associative learning to modify a single behavior, which is mediated by an analytically tractable neural circuit, is revealing similarities and differences in the mechanisms that underlie classical and operant conditioning. Applicants should have a M.D. or Ph.D. and a background in cellular neurophysiology.

Interested candidates should send a vita and the names and addresses of three references to:

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