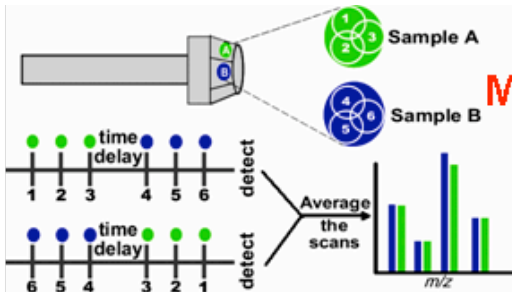
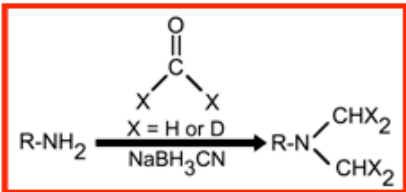


A Peptidomic Approach for Functional Discovery of Neuropeptides

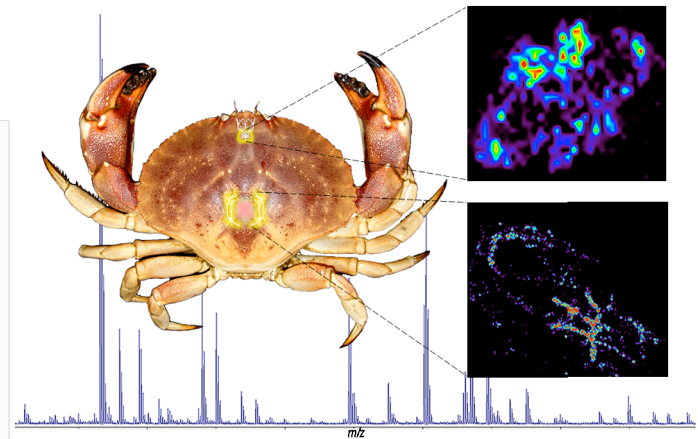
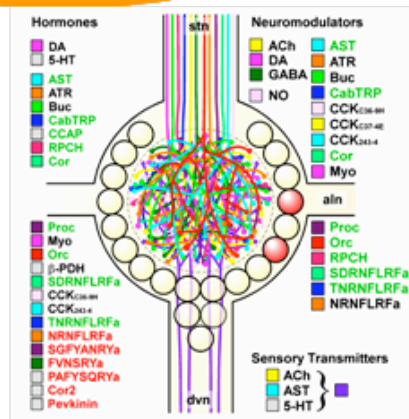
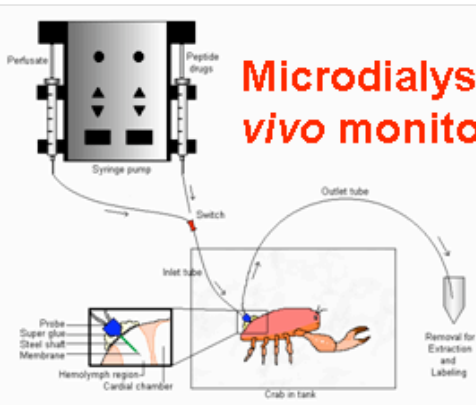
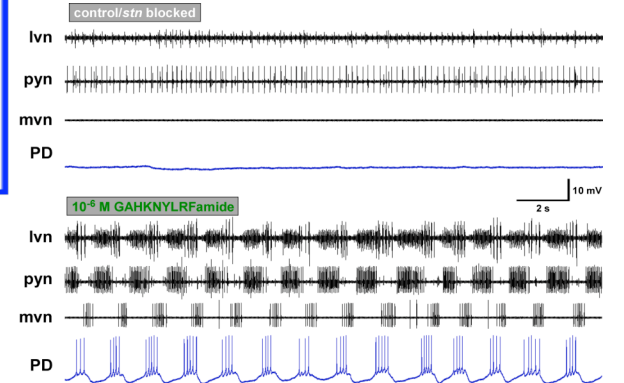


NanoLC MS/MS for *de novo* peptide sequencing

Mass Spectrometry-based Peptidomics for Functional Discovery of Neuropeptides

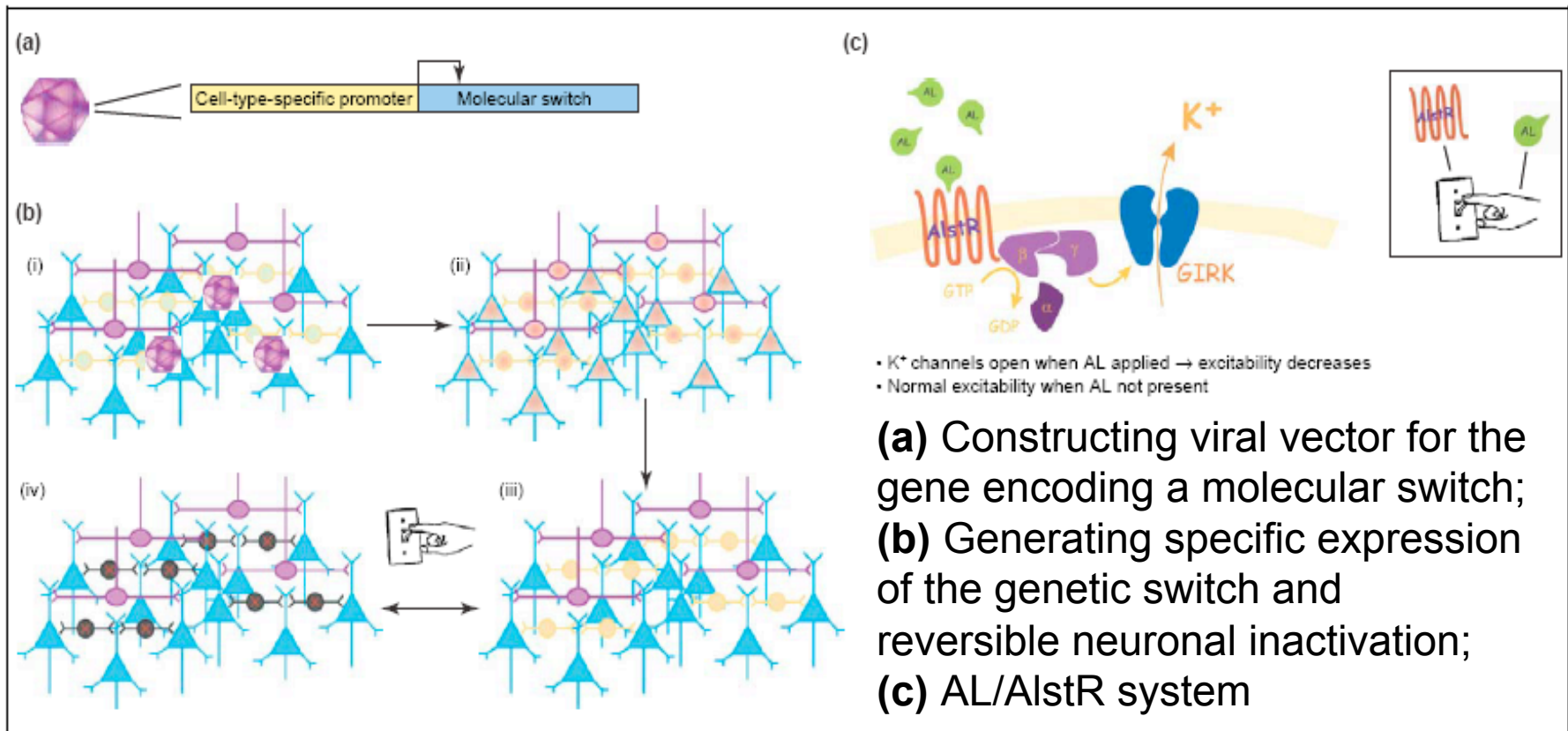


Electrophysiology



Differential display of neuropeptidomes in feeding, stress, development

Manipulating Mammalian Neural Circuits Using Invertebrate Neuropeptides



- Genetic methods for selective neuronal inactivation
- Quick and reversible silencing of mammalian neurons in vivo

Callaway, *TINS* 28, 196-201 (2005); *Neuron* 51, 157-170 (2006).