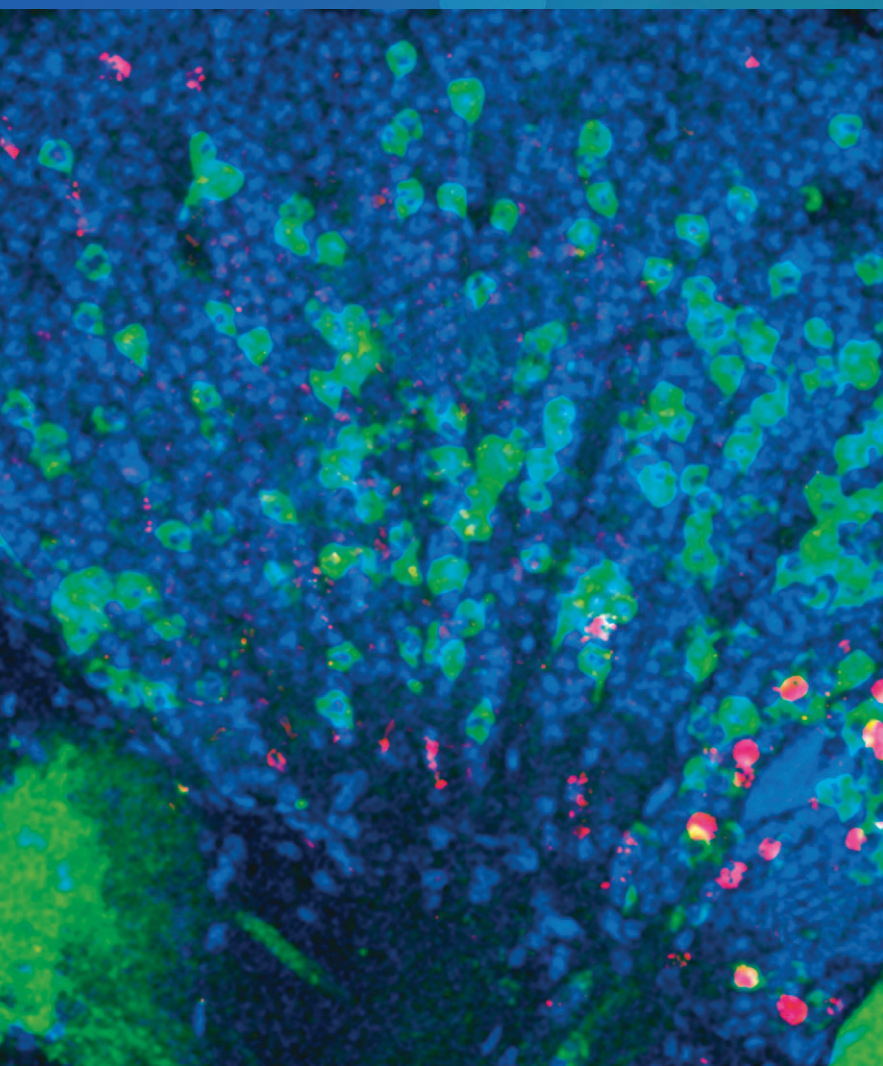


Chemical Senses



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Activated by Emx2

Electrochemistry of Odor Transduction in
Olfactory Cilia

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In association with
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Cover image: Immunocytochemical characterization of adult neurogenesis in the medial soma cluster (local olfactory interneurons) of the brain of the decapod crustacean, *Panulirus argus*. Micrograph represents collapsed stacks of confocal optical sections (thickness 0.3–1 μm) taken from 80- μm thick horizontal sections. Red: BrdU-like immunoreactivity labels cells produced by mitoses that occurred seven months previously; blue: labeling with the nuclear marker Hoechst 33258; green: SIFamide-like immunoreactivity, a marker for one type of mature neuron. For further information see *The Olfactory Pathway of Decapod Crustaceans—An Invertebrate Model for Life-Long Neurogenesis*, Manfred Schmidt, *Chemical Senses* 2007 32 (4):365–384; doi:10.1093/chemse/bjm008

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