



Cover legend: This confocal image shows AnkyrinG (green) staining of initial axon segments and nodes of Ranvier in the olfactory bulb of a mouse. Two mitral cells are stained with biocytin loaded from the patch pipette and nuclei are stained with Hoechst (white). Unilateral sensory deprivation causes system-wide adaptations in myelin thickness. Mitral cell spiking patterns and action potentials also adapted to sensory deprivation. Strikingly, myelination, and mitral cell physiology were altered on both the deprived and non-deprived sides, indicating system level adaptations to reduced sensory input. For more information, see the article by George et al. (pages 1491–1509). Cover Image: N.M. George.

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- 1375 **The Importance of Accounting for Movement When Relating Neuronal Activity to Sensory and Cognitive Processes**
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