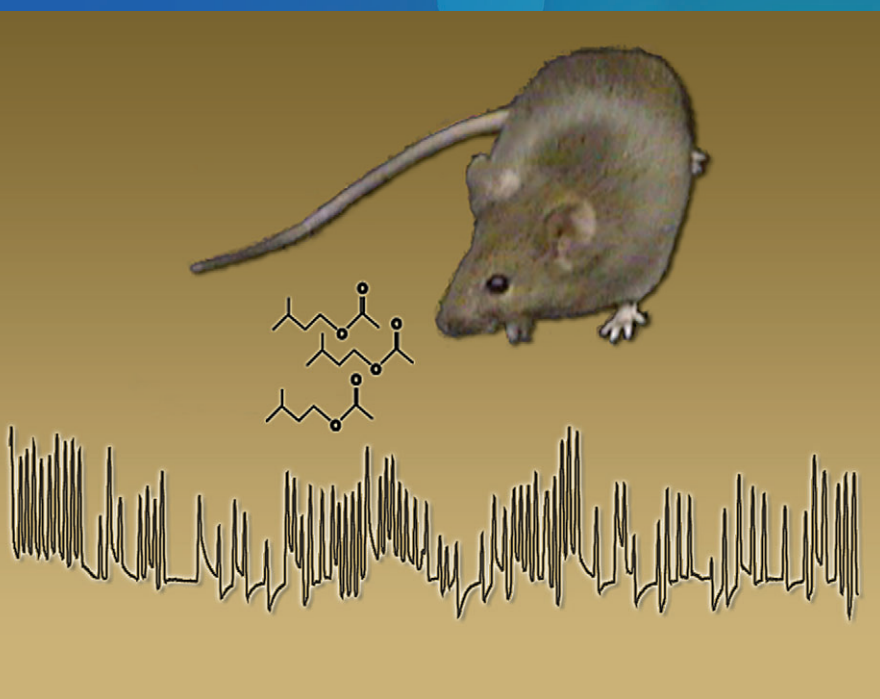


# Chemical Senses



## In this issue:

Sniffing in Mice

Commentary on Sniffing in Mice

Predicting the Pleasantness of Olfactory Mixtures

Maillard Reacted Peptides and Amiloride-Insensitive  
Salt Taste

In association with  
Association for Chemoreception Sciences  
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Japanese Association for the Study of Taste and Smell

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# Chemical Senses

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**Cover image:** Sniffing is a complex behavior thought to play a critical role in shaping how odor information is represented and processed by the nervous system. In this issue, Wesson and colleagues (pp. 581–596) recorded sniffing behavior in mice as they engaged in several commonly used olfactory tasks, and found that sniffing behavior varies with behavioral context and is modulated by olfactory as well as non-olfactory events. This image shows an 8 second sniff trace recorded from a mouse while exploring a novel environment. The molecular structure of the odorant isoamyl acetate is also displayed.

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