

Special Issue

Neural Correlates of Perception in Noise in the Auditory System

Message from the Guest Editor

Humans and animals constantly face challenging acoustic environments such as various background noises that impair the detection, discrimination, and identification of behaviorally relevant sounds. Dissecting how auditory neurons discriminate communication sounds in noise is a major goal in auditory neuroscience. This Special Issue of *Biology* entitled “Neural Correlates of Perception in Noise in the Auditory System” will integrate the human and animal literature aiming to understand the mechanisms operating during perception of communication sounds in noise. This Special Issue aims to collect reviews and original articles on recent investigations of neural correlates of perception in noise either with humans or with various animal models. Theoretical contributions and modeling studies are also welcome if they are directly related to the perception of communication sounds in noise.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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