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Basic neural processing of sound in bilinguals

Basic neural processing of sound in adults is influenced by bilingual experience

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Abstract

The central auditory nervous system (CANS) undergoes language-dependent tuning to enhance linguistically-relevant features of sound. However, less is known about how dual-language exposure affects the CANS. Recent reports indicate that Spanish-English bilingual children and adolescents have larger neural responses to the fundamental frequency (F0) of vowels, as measured by the frequency-following response (FFR), a phase-locked response to sound. Given Download English Version:

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