

Effects of Musical Training on the Auditory Cortex in Children

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This paper presents a review of several studies of musical experiences and sound representations in the auditory cortex. Studies examined auditory evoked potentials to a variety of different instruments and pure tones in adults who are and are not musicians, and in children with or without musical experience. One specific portion of the auditory evoked potential, the P2 was larger in both adults and children with musical experience. The paper also reports that musical training enhances this component suggesting it is particularly neuroplastic.