## MAX-PLANCK-GESELLSCHAF

# Auditory envelope processing shifts from sensory cortices towards cognitive control systems with age

- with age is unknown.
- amplitude modulation (AM) rate of two sounds.
- [2, 3] to support sensory processing of auditory temporal envelope.

- n=30, self-reported normal hearing [4]).
- each) or at the *identical AM rate* (4 Hz, 16 trials) [4].



### Julia Erb, Molly J. Henry, & Jonas Obleser

Max Planck Research Group "Auditory Cognition", Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany jerb@cbs.mpg.de

COGNITIVE AND BRAIN SCIENCES