



Moving to the groove: musical rhythm and the brain's motor system

Jessica Grahn

(University of Western Ontario)

Moving to music is an instinctive, often involuntary activity, experienced by humans in all cultures. This talk will take a neuroscientific perspective on why humans may move to music, and how the brain's movement centres light up in response to music and rhythm, even when we aren't moving a muscle. We will discuss how individuals vary in their ability to synchronize accurately to a musical beat, and the importance of considering the individual when exploring the exciting potential held by musical interventions for those with degenerative neurological diseases such as Parkinson's disease.

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17:30-19:30 (GMT +1)

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