

The human auditory cortex

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Abstrak

This volume on human auditory cortex will have two major parts. In part A, the principal methodologies currently used to investigate human auditory cortex will be discussed. Each chapter will first outline how the methodology is used in auditory neuroscience, highlighting the challenges of obtaining data from human auditory cortex, second, each methods chapter will provide two or (at most) three brief examples of how it has been used to generate a major result about auditory processing. In part B, the central questions for auditory processing in human auditory cortex are covered. Each chapter can draw on all the methods introduced in part A but will focus on a major computational challenge the system has to solve. This volume will constitute an important contemporary reference work on human auditory cortex.