1. Can auditory cortex be reliably imaged in noisy high-field scanners, including of awake animals? How well can auditory cortex be functionally tessellated?

2. How well can auditory cortex be functionally tessellated?

3. Strategies for revealing many fields

4. Hierarchical processing: core vs. belt

5. Integration of Touch in the Caudal Belt: the strength of knowing the involved auditory functional fields.

CONCLUSIONS

Tones activated belt fields with fMRI, allowing the functional tessellation of auditory cortex. Multiple auditory fields were revealed and borders defined. We obtained evidence for hierarchical processing in auditory cortex. Caudal belt fields integrate touch information.