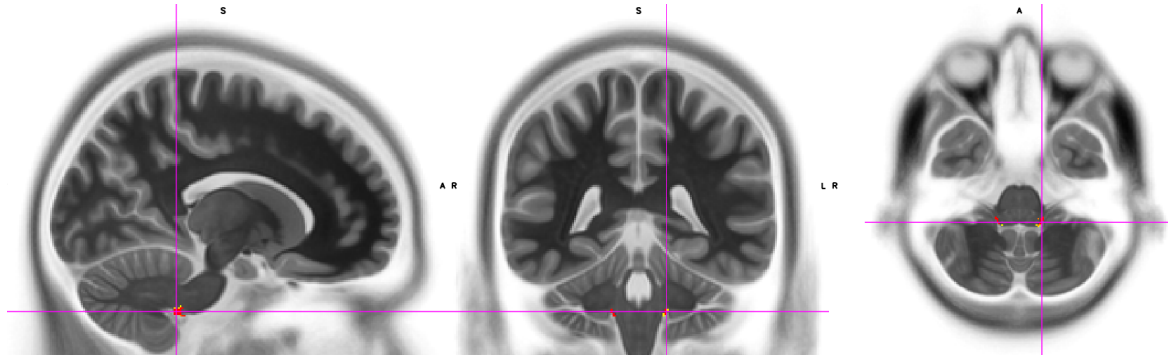


**Master's thesis project:
Sensory processing at the bottom of the brain**



Description:

We use functional Magnetic Resonance Imaging (fMRI) to test how subcortical structures, small neural populations that have quick access to acoustic information, are influenced by perceptual expectations. In this project we will study the behaviour of the very first station responsible for the processing of sounds.

We offer:

- Active participation in neuroscientific research.
- Training and practical experience in fMRI data acquisition.
- Practical experience with state of the art tools to analyse fMRI data.
- Close supervision by Dr. Alejandro Tabas and Prof. Katharina von Kriegstein.

We are looking for:

- Master's students with a background in psychology or a quantitative discipline.
- Strong interest in research in the field of cognitive or computational neuroscience.
- Independent, committed and responsible work.
- Very good English skills.
- Willingness to work in the study full-time for at least one semester.

Please send your application in English, consisting of a cover letter with a short letter of motivation, curriculum vitae and a transcript of records (Abitur certificate, academic transcripts) as a single PDF document to julia.herdin@tu-dresden.de. In the subject line, please indicate "stemSSA".

For further questions about the study, please contact Dr. Alejandro Tabas (alejandro.tabas@tu-dresden.de). For more information about the study, check our last paper: elifesciences.org/articles/64501. For a general view of the lab's research interests, visit: tu-dresden.de/mn/psychologie/ifap/kknw.

Incoming applications will be considered on an ongoing basis.

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