

A META-ANALYSIS: AUDITORY FUNCTION in AWAKE DOGS with fMRI TECHNIQUE

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THESIS ABSTRACT

Neuroethology of Communication Lab. uses fMRI technique in awake dogs for voice and speech perception. A detailed characterization of the primary auditory cortices of dogs was performed using data from 174 tests from 43 dogs from 11 studies of this technique.

APPLICATION AREAS OF THE THESIS RESULTS

- Dog training and communication
- Understanding communication disorders in dogs
- Evolutionary comparison of voice and speech perception

ACADEMIC ACTIVITIES

- 100/2000 YÖK PhD Scholarship – Human Brain and Neuroscience
- TÜBİTAK 1001 Scientific and Technological Research Projects Support Program – Scholar "Investigation of Possible Neuroprotective Activities of 10-HDA Substance in Royal Jelly in Rat Experimental Model" (118S391)
- ERASMUS Student Exchange Program – Department of Ethology / ELTE - HUNGARY
- ERASMUS Internship Program - Neuroethology of Communication Lab. / ELTE - HUNGARY
- TÜBİTAK 2214 Doctoral Study Abroad Research Scholarship - Neuroethology of Communication Lab. / ELTE - HUNGARY



KEY WORDS

- ✓ Neurophysiology
- ✓ Neuroimaging
- ✓ fMRI
- ✓ Auditory Function
- ✓ Meta-Analysis

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