

NEUROIMAGING RESEARCH GROUP

MAIN INTEREST: Neural plasticity, visual attention and object recognition

- Noise and irrelevant information suppression in the human brain
- Characterizing object-selectivity of the temporal cortex using functional connectivity
- Attentional selection during reading in normal and dyslexic subjects
- Studying visual perception during free viewing using fixation-related potentials
- Exploring and characterizing the neural backgrounds of amblyopia as a model of visual suppression

APPROACH: fMRI: uni- and multivariate analyses, connectivity analyses; EEG: event- and fixation related potentials, time-frequency analyses.



Zoltán VIDNYÁNSZKY

Head of the group

