

# ÁGOSTON BEKE



National Academy of Scientist Education, 1<sup>st</sup> year

Eötvös Lorand University  
Faculty Science, Biology 2<sup>nd</sup> year

## YEAR OF BIRTH

2006

## FORMER SZENT-GYÖRGYI PUPIL

no

## RESEARCH UNIT

Eötvös Lorand University  
Faculty Science

## SZENT-GYÖRGYI MENTOR

Attila Andics

## JUNIOR MENTOR

–

## SPECIALIZATION

Comparative cognitive  
neuroscience

## SECONDARY SCHOOL

Piarista Gimnázium

## NAME OF TEACHER

Ákos Mjazovszky

## LANGUAGES

English/C1

## IMPORTANCE, AIMS AND POSSIBLE OUTCOME OF RESEARCH

In our fMRI experiment, we investigate the abstractness of dogs' and humans' action concepts. Specifically, we are interested in whether the brains of the two species represent the action itself, that is, whether they encode the same actions, such as the act of “sitting”, in a similar way even when performed by different individuals or by a member of the other species. Additionally, we investigate whether, similar to humans, family dogs living in a language-rich environment develop more distinct mental concepts for actions that they can associate with words than for those not associated with a label. Our results will contribute to the understanding of how a language-rich environment influences the perception of actions and events through mental concepts.

## AMBITIONS AND CAREER GOALS

To expand our knowledge on how different species and individuals perceive the events and actions around them.

## HONORS AND PRIZES

2022/2023 Biology OKTV (I. category) – 22<sup>th</sup> place

## PUBLICATIONS

–