

Anna Gábor

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POSITION

Research Assistant, Department of Ethology, Eötvös Loránd University, Budapest, Hungary

PhD Candidate, Department of Ethology, Eötvös Loránd University, Budapest, Hungary

CURRENT RESEARCH TOPIC: Neural mechanisms of social stimulus processing in dogs

EDUCATION

- **Ph.D. Ethology** (Eötvös Loránd University, Hungary, expected year of graduation:2019)
 - Title of Dissertation: Neural mechanisms of social stimulus processing in dogs
- **Animal research leader** (EU-B, FELSA C-equivalent course, 2017)
- **M.S. Biology** (University of Pécs, Hungary, 2015)
 - Title of Thesis: Investigation of dominant small mammal species' microhabitat association in the Kőszegi-forrás Forest Reserve (Mecsek Mountains)
- **B.A. Nursery Education** (University of Kaposvár, Hungary, 2013)
 - Title of Thesis: Developmental stages and symbols of children's drawings
- **B.S. Biology** (University of Pécs, Hungary, 2012)
 - Title of Thesis: Habitat use of coexistent small mammal species in the Kőszegi-forrás Forest Reserve's (Mecsek Mountains) different vegetation patches

LANGUAGE

Native language: Hungarian

Other: English (fluent)

German (basic)

WORK EXPERIENCE IN RESEARCH GROUPS

- MTA-ELTE "Lendület" Neuroethology of Communication Research Group, Hungary (dog and minipig behavioural and dog fMRI studies)
- MTA-ELTE Comparative Ethology Research Group, Hungary (dog fMRI studies)
- Conservational Association of Young Ecologists, Hungary (habitat use of small mammals in forest reserves)

OTHER WORK EXPERIENCE

- Research Referent, Department of Ethology, Eötvös Loránd University (Budapest, 2017-2018)
- Word Wide Found for Nature: disseminating scientific knowledge, recruiting supporters (Pécs, 2011-2012)
- Organising and managing camps and creative activities for children (Association for the Community of Istenkút, Istenkút, 2009-2010)
- Participation in organizing and managing cultural festivals (Ördögkatlan Festival, Nagyharsány, 2010-2015)
- Olympic Games, Paralympic Games, team leader (London, 2012)
- Clean Event: cleaning at different festivals of England (2012-2014)

SCIENTIFIC SCHOLARSHIPS

- Scholarship of the New National Excellent Programme for Graduate Students (2018/19)
- Scholarship of the New National Excellent Programme for Graduate Students (2016/17)
- Regular Scientific Scholarship of Eötvös Loránd University (2016)
- Republican Scholarship (2014/15)
- Republican Scholarship (2013/14)
- Eötvös Loránd Student Scholarship of National Excellent Programme (2013/14)
- Institutional Scientific Scholarship at University of Pécs (2013)
- Institutional Scientific Scholarship at University of Pécs (2012)
- Scholarship on Study Grants at University of Pécs (in 10 semesters)

PUBLICATIONS

- Attila Andics, Anna Gábor, Dóra Szabó, Márta Gácsi, Tamás Faragó, Ádám Miklósi (2016): Neural mechanisms for speech processing in dogs. *Science*, 353: 1030-1032. doi: 10.1126/science.aaf3777
- Anna Gábor, Győző Horváth, Adrienne Ortmann-né Ajkai, Gábor Csicsek (2015): Quantitative classification of macrohabitats for small mammals' habitat segregation surveys in a forest reserve. *Natura Somogyiensis*, 26: pp. 123-134.
- Anna Gábor, Gábor Papp, Győző Horváth (2015): Spatial distribution of coexistent rodent species in Kőszegi-forrás Forest Reserve's different vegetation patches *In: Közgazgatási és Igazságügyi Hivatal (szerk.) Így kutattunk mi!: Tudományos cikkgyűjtemény II.: A Nemzeti Kiválóság a Konvergencia Régióban Program ösztöndíjasainak tudományos cikkeiből*

PUBLICATIONS IN PROGRESS

- Anna Gábor, Márta Gácsi, Sara Świerkosz, Ádám Miklósi, Attila Andics: Attachment-dependent reward response to praise in the dog brain

- Anna Gábor, Dóra Szabó, Márta Gácsi, Tamás Faragó, Ádám Miklósi, Attila Andics: Human-analogue lexical processing hierarchy in the dog brain (***under review in Nature Communications***)
- Anna Gábor, Nóra Bunford, Márta Gácsi, Attila Andics: Impulsivity-dependent reward response in the dog brain

SCIENTIFIC STUDENT COMPETITIONS

- XIV. National Scientific Student Conference on Environmental Sciences (Pécs, 2014), **III. place:** Anna Gábor, Gábor Papp: *Microhabitat association of dominant small mammal species in the Kőszegi-forrás Forest Reserve*
- Scientific Student Conference of the University of Pécs (Pécs, 2014), **II. place:** Anna Gábor, Gábor Papp: *Microhabitat association of dominant small mammal species in the Kőszegi-forrás Forest Reserve*
- XXXI. National Scientific Student Conference (Szeged, 2013): Gábor Papp, Anna Gábor: *Habitat use of small mammal species in forest reserves' core and buffer zone*
- Scientific Student Conference of the University of Pécs (Pécs, 2012), **I. place:** Gábor Papp, Anna Gábor: *Habitat use of small mammal species in forest reserves' core and buffer zone*
- XIII. National Scientific Student Conference on Environmental Sciences (Veszprém, 2012), **Special Award:** Anna Gábor, Gábor Papp: *Habitat use of coexistent small mammal species in the Kőszegi-forrás Forest reserve's (Mecsek Mountains) different vegetation patches*
- Scientific Student Conference of the University of Pécs (Pécs, 2011), Anna Gábor, Gábor Papp: *Habitat use of coexistent small mammal species in the Kőszegi-forrás Forest reserve's different vegetation patches*

INTERNATIONAL CONFERENCES

Presentations

- **5th Canine Science Forum** (Padova, 2016): Attila Andics, Anna Gábor, Márta Gácsi, Tamás Faragó, Dóra Szabó, Ádám Miklósi: *Neural mechanisms for verbal praise processing in dogs*
- **25th Annual Meeting of the International Behavioral Neuroscience Society** (Budapest, 2016): Attila Andics, Márta Gácsi, Tamás Faragó, Anna Gábor, Dóra Szabó, Ádám Miklósi: *Neural mechanisms for vocal social perception: dog - human comparative fMRI studies*
- **VII. International and XIII. National Interdisciplinary Grastyán Conference** (Pécs, 2015): Anna Gábor, Gábor Csicsek, Gábor Papp, Adrienne Ortmann-né Ajkai, Győző Horváth: *Quantitative macrohabitat classification to investigate the segregation of small mammal species at forest reserves*

Posters

- **Neuronus 2018: IBRO Neuroscience Forum** (Krakkó, 2018.04.20-22.): Anna Gábor, Márta Gácsi, Dóra Szabó, Ádám Miklósi, Enikő Kubinyi, Attila Andics *Human-analogue lexical processing hierarchy in the dog brain*
- **X. Dubrovnik Conference on Cognitive Science** (Dubrovnic, 2018): Linda Gerencsér, Melinda Lovas, Paula Pérez Fraga, Anna Gábor, Dóra Ujváry, Márta Gácsi, Attila Andics: *Differential responses of socialized minipigs to their caregivers; attachment bond or social preference?*
- **Annual Meeting of the Organization for Human Brain Mapping** (Vancouver, 2017):
 1. Anna Gábor, Márta Gácsi, Sara Świerkosz, Ádám Miklósi, Attila Andics: *Attachment dependent reward response to praise in the dog brain*
 2. Attila Andics, Anna Gábor, Márta Gácsi, Tamás Faragó, Dóra Szabó, Ádám Miklósi: *Cross-Species Vocal Social Reward Processing in the Dog Brain*
- **5th Canine Science Forum** (Padova, 2016): Dóra Szabó, Anna Gábor, Gácsi Márta, Tamás Faragó, Ádám Miklósi, Attila Andics: *How do dog brain process live human faces and faceimages – two visual fMRI experiments*
- **VIII Dubrovnik Conference on Cognitive Science** (Dubrovnic, 2016): Anna Gábor, Attila Andics, Márta Gácsi, Tamás Faragó, Dóra Szabó, Ádám Miklósi: *Neural mechanisms for speech processing in dogs*
- **10th János Szentágothai Transdisciplinary Conference** (Pécs, 2013): Anna Gábor, Gábor Papp, Adrienne Ortmann-né Ajkai, Balázs Somogyi, Győző Horváth: *Habitat use of dominant small mammal species in Kőszegi-forrás Forest Reserve's core and buffer zone*

NATIONAL CONFERENCES

Presentations

- **Magyar Etológiai Társaság XIX. Konferenciája** (Dobogókő, 2017): Anna Gábor, Márta Gácsi, Dóra Szabó, Ádám Miklósi, Enikő Kubinyi, Attila Andics: *Hierarchical processing of spoken words in dogs: an fMRI adaptation study*
- **XVIII. Conference of Hungarian Ethological Society** (Debrecen, 2016): Attila Andics, Anna Gábor, Márta Gácsi, Tamás Faragó, Dóra Szabó, Ádám Miklósi: *Lexical representations in the dog brain*
- **Annual Meeting of International Behavioral Neuroscience Society** (Budapest, 2016): Attila Andics, Márta Gácsi, Tamás Faragó, Anna Gábor, Dóra Szabó, Ádám Miklósi: *Neural mechanisms for vocal social perception: dog-human comparative fMRI studies*
- **Hungarian Biological Society**, 279. meeting (Pécs, 2016): Anna Gábor, Attila Andics, Márta Gácsi, Tamás Faragó, Dóra Szabó, Ádám Miklósi: *fMRI studies on awake, unrestrained dogs: Investigation of speech processing in dogs*
- **XVII. Conference of Hungarian Ethological Society** (Dobogókő, 2015): Attila Andics, Anna Gábor, Márta Gácsi, Tamás Faragó, Dóra Szabó, Ádám Miklósi: *Who speaks what? fMRI-adaptation for speakers and phonemes in dogs*

- **Hungarian NMR Munkabizottság** (Balatonszemes, 2015): *Attila Andics, Dóra Szabó, Anna Gábor, Márta Gácsi, Tamás Faragó, Ádám Miklósi: Dog-human comparative fMRI studies*
- **Hungarian Biological Society**, 262. meeting (Pécs, 2014): *Anna Gábor, Gábor Papp, Gábor Csicsek, Adrienne Ortmann-né Ajkai, Győző Horváth: Microhabitat segregation of dominant small mammal species in different vegetation structured forest patches*
- **Hungarian Biological Society**, 249. meeting (Pécs, 2012): *Anna Gábor, Gábor Papp, Győző Horváth: Habitat use of competitive small mammal species in different vegetation structured patches of forest reserve's core and buffer zone*

Posters

- **XVIII. Conference of Hungarian Ethological Society** (Debrecen, 2016): *Anna Gábor, Márta Gácsi, Ádám Miklósi, Attila Andics: Neural mechanisms of owner's praise processing in dogs*
- **XVIII. Conference of Hungarian Ethological Society** (Debrecen, 2016): *Noémi Kaszás, Anna Gábor, Márta Gácsi, Ádám Miklósi, Attila Andics: Interspecific voice-based identification ability of dogs*
- **XVII. Conference of Hungarian Ethological Society** (Dobogókő, 2015): *Anna Gábor, Attila Andics, Márta Gácsi, Tamás Faragó, Dóra Szabó, Ádám Miklósi: Neural mechanisms of speech processing in dogs*
- **5th Quantitative Ecological Symposium** (Tihany, 2014): *Anna Gábor, Gábor Papp, Gábor Csicsek, Adrienne Ortmann-né Ajkai, Győző Horváth: Microhabitat association of dominant rodent species in Kőszegi-forrás Forest Reserve*