

Curriculum Vitae Julia Fischer

born 1966 in Munich, Germany

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Professor for Primate Cognition, Georg-August-University of Göttingen

Head, Cognitive Ethology Laboratory, German Primate Center, Göttingen

	Scientific Career
since 2018	Deputy Scientific Director of the German Primate Center
since 2016	Professor for Primate Cognition (W3), University of Göttingen and Head of the Cognitive Ethology Laboratory, German Primate Center Göttingen
Nov 2004	Appointment as Professor for Cognitive Ethology (W2) at the German Primate Center and the University Göttingen
Jan 2004	Habilitation, University Leipzig
Dec 2000 – Aug 2004	Postdoctoral Fellow, Department for Comparative and Developmental Psychology, Max-Planck-Institute for evolutionary Anthropology, Leipzig
Dec 1997 – July 2000	Postdoctoral Fellow, Department of Psychology, University of Pennsylvania, Philadelphia
	PhD
July 1996	Dissertation. Topic: Categorical Perception of species-specific sounds in Barbary macaques.
	Study
April 1987 – Oct 1993	Study of Biology at the Free University of Berlin and Glasgow University.
	School
1984	Abitur

Honours

- Johannes Gutenberg Endowed professorship at Johannes Gutenberg University Mainz 2025
- Werner Heisenberg Medal of the Alexander von Humboldt Foundation 2023
- Member of the German National Academy of Science Leopoldina since 2022
- Special Prize of the Foundation Board of the Göttingen University 2017
- Order of Merit by the State of Lower Saxony 2016
- Member of the Akademie der Wissenschaften zu Göttingen since 2014
- Grüter Prize for Science Communication 2013
- Member of the Berlin-Brandenburgische Academy of Science since 2007
- DFG Heisenberg Fellow 2004
- Member of Die Junge Akademie 2003-2008, President 2007-2008

Contribution to collaborative research and graduate training

- Member of the Governing Board of the CRC 1528 “Cognition of Interaction”
- Speaker of the Leibniz Science Campus on Primate Cognition (2015-2025)
- Speaker of the DFG Research Training Group 2070 “Understanding Social Relationships” (2015-2024)
- Initiator and speaker of the interdisciplinary PhD study program “Behaviour and Cognition” (2013-2015)
- Speaker “Leibniz Graduate School for the Foundations of Primate Social Behaviour” (2011-2014)
- Speaker “Courant Research Center for the Evolution of Social Behaviour”, funded by the Excellence Initiative (2010-2014)

Editorships

Associate Editor *Frontiers in Zoology* (since 2012); Associate Editor *American Journal of Physical Anthropology* (2019-2023); Associate Editor *Primate Biology* (2014-2025); Review Editor *Frontiers in Comparative Psychology* (2010-2020); *Animal Behaviour* (2006-2008); Academic Editor *PLOS Biology* (2005-2010); *Folia Primatologica* (2001-2015)

Ad hoc Reviewer

Science, Nature Communications, Nature Ecology and Evolution, PNAS, PLoS Biology, Current Biology, Proceedings of the Royal Society-B, Biology Letters, Royal Society Open Science, Trends in Neuroscience, Trends in Cognitive Science, Journal of Experimental Biology, Journal of Comparative Psychology, Journal of the Acoustical Society of America, American Journal of Primatology, and others.

Professional Duties (Selection)

- Scientific Advisory Board Max Planck Institute for evolutionary Anthropology (2025-2031)
- Member of the Advisory Board of the Foundation for the Forum Wissen (since 2025)
- Member of the Scientific Advisory Board of the Schering Stiftung (since 2023), Deputy Chairperson (since 2025)
- Member of the Scientific Advisory Board of the Natural History Museum Berlin (since 2023)
- Vice President of the Berlin-Brandenburg Academy of Science (since 2020)
- Member of the Kuratorium of the Biodiversity Museum University Göttingen (since 2020)
- Member of the Scientific Committee „Demographic Change“ of the National Academy Leopoldina (2023-2025)
- Member of the Kuratorium Naturkundemuseum Bayern (2020-2023)
- Advisory Board of the Center for Mind and Cognition, University Bochum (since 2019)
- Member of the Senate of the DFG (2015-2019)
- Advisory Board of Die Junge Akademie (2014-2019)
- Scientific Advisory Board of the Ernst-Strüngmann Forum (2011-2019)

- Member of the Supervisory Board of the LMU München (2007-2011)
- President of the European Federation of Primatology (2010-2013)
- President of the Gesellschaft für Primatologie (2007-2010)

Evaluator/Reviewer (selection)

- Jury Member for the BBVA Frontiers of Knowledge Award in Ecology and Conservation (2018)
- Panel Chair, Selection Committee for the Humboldt Research Award and Sofia-Kowalewskaja Award Alexander-von-Humboldt Stiftung (2014-2023, Panel Chair 2018-2023)
- Jury Member Bielefelder Wissenschaftspreis (2014-2023)
- European Research Council Starting and Consolidator Grants (Panel Chair 2012-2014 for Panel LS8, Panel Member 2007-2010 for LS8)
- Selection Committee Karl-Ritter-von-Frisch Medaille der Deutschen Zoologischen Gesellschaft (2013)
- Jury Member Falling Walls Lab (2014/2015)
- External Member Working Group Wissenschaftsrat “Empfehlungen zur Differenzierung der Hochschulen” (2011) sowie “Sonderforschungsbereiche und Forschungszentren” (2009)
- Evaluator Wissenschaftsrat (Excellence Initiative funding line 3) (2006)
- Evaluator for research proposals from DFG, Leopoldina, ERC, NSF (USA), Volkswagen-Stiftung, Merckator Stiftung, Leakey Foundation (USA), NOW (Netherlands), Studienstiftung des Deutschen Volkes, Rijksbanken Fund (Sweden), OeAD (Austria), SNF (Schweiz), Israeli Research Foundation, UK Medical Council u.a.

Conference Organization (Selection)

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| 2017 | Organizer “Frontiers in Baboon Research” Symposium, Göttingen |
| 2016 | Co-Organizer FENS Winter School on the Neurobiology of Language and Communication |
| 2016 | Host 11 th Topical Meeting of the Ethological Society |
| 2015 | Co-Organizer Göttingen SPIRIT Summer School on Emotion and Cognition |
| 2010 | Co-Chair of the Strüngmann Forum on “Animal Thinking”, Frankfurt Institute for Advanced Studies, Frankfurt am Main |
| 2010 | Organizer of the Workshop “Knowledge, Language, Memory”, University Göttingen |
| 2008 | Organizer of the Workshop “Information, Control and Communication”, Berlin |

Recent funding (major grants last five years)

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| 2024-2028 | DFG RTG “Curiosity”, € 480.000 |
| 2022-2025 | DFG CRC “Cognition of Interaction”, TP B05: “Social evaluation and partner choice in the tolerant multi-level society of Guinea baboons”, € 506.000 |
| 2019-2022 | DFG Fi707/25-1 “Vocal production and auditory learning in the genus <i>Chlorocebus</i> ”, € 218.600 |
| 2015-2024 | Speaker DFG Research Training Group 2070 “Understanding Social Relationships”, total funding € 8 Million |
| 2015-2025 | Leibniz Science Campus for Primate Cognition; Leibniz Association, € 3.6 Million |

Top ten journal publications

- (1) O'Hearn WJ, Beckmann J, von Fersen L, Dal Pesco F, Mundry R, Keupp S, Diakhate N, Niederbremer C, Fischer J (2025)
Increased female competition for males with enhanced foraging skills in Guinea baboons
Proceedings of the Royal Society B 292:20242925
<https://doi.org/10.1098/rspb.2024.2925>
- (2) Sørensen EF, Harris RA, Zhang L [...] Fischer J [...] Zinner D, et al. (2023)
Genome-wide coancestry reveals details of ancient and recent male-driven reticulation in baboons
Science 380 (6648) <https://doi.org/10.1126/science.abn8153>
- (3) Dal Pesco F, Trede F, Zinner D, Fischer J (2022)
Male-male social bonding, coalitionary support and reproductive success in wild Guinea baboons
Proceedings of the Royal Society B 289: 20220347
- (4) Fischer J (2021)
Primate vocal communication and the evolution of speech
Current Directions in Psychological Science 30: 55–60
- (5) Wegdell F, Hammerschmidt K, Fischer J (2019)
Conserved alarm calls but rapid auditory learning in monkey responses to novel flying objects
Nature Ecology and Evolution 3: 1039-1042
- (6) Fischer J, Higham JP, Alberts SC, et al. (2019)
The natural history of model organisms: Insights into the evolution of social systems and species from baboon studies
Elife 8: e50989
- (7) Fischer J, Price T (2017)
Meaning, intention, and inference in primate vocal communication
Neuroscience & Biobehavioral Reviews 82: 22-31
- (8) Almeling L, Hammerschmidt K, Sennhenn-Reulen H, Freund AM, Fischer J (2016)
Motivational shifts in aging monkeys and the origins of social selectivity
Current Biology 26:1744-1749
- (9) Patzelt A, Kopp GH, Ndao I, Kalbitzer U, Zinner D, Fischer J (2014)
Male tolerance and male-male bonds in a multi-level primate society
Proceedings of the National Academy of Sciences USA 111(41): 14740-14745
- (10) Kaminski J, Call J, Fischer J (2004)
Word Learning in a domestic dog: Evidence for 'fast mapping'
Science 304: 1682-1683 *featured in Perspectives: Bloom P: Can a dog learn a word? pp 1605-1606

Scientific Societies

Deutsche Primatologische Gesellschaft; European Federation of Primatology; International Primatological Society; Association for the Study of Animal Behaviour; Ethologische Gesellschaft; Deutsche Zoologische Gesellschaft

Invited speaker (last ten years, selection)

- 2025 Invited Speaker, Workshop on multi-level societies, Collegium Helveticum, Zurich, CH
- 2024 Cold Spring Harbor Summer School on the Evolution of Language, USA
- 2024 Invited Speaker, Workshop “Apes and Us”, Stanford University, Stanford, USA
- 2024 Darwineum Lecture, Zoo Rostock
- 2024 Invited Symposium Speaker Cognitive Science Conference, Rotterdam, NL
- 2024 Symposium Speaker, European Primatological Society, Lausanne, CH
- 2023 Neural Circuits of Social Behavior conference, Magdeburg, Germany
- 2023 Capocaccia Conference on Neuromorphic Intelligence, Capocaccia, Italy
- 2023 ISLE Colloquium, Zurich, Switzerland
- 2022 Cold Spring Harbor Summer School on the Evolution of Language, USA
- 2022 “Gänserede” – Alexander von Humboldt Stiftung, Berlin, Germany
- 2021 Plenary Talk, Cognitive Science Society, Vienna, Austria
- 2021 FINE Seminar Series (online)
- 2019 Plenary Talk, CBEN Meeting Amsterdam, Netherlands
- 2019 Plenary Talk, European Conference in Cognitive Science, Bochum, Germany
- 2019 Colloquium Central European University, Budapest, Hungary
- 2019 Colloquium, Rockefeller University, New York City, USA
- 2019 Workshop “New perspectives on primate adaptations”, Gorongosa NP, Mozambique
- 2017 Colloquium, Human Evolutionary Biology Department, Harvard, USA
- 2017 Plenary Talk, BLAM Meeting, Lund, Sweden
- 2016 Collegium Generale, University of Bern, Switzerland

Outreach (last ten years, selection)

Exhibition „Me – You – Us“ of the Research Training Group “Understanding Social Relationships” at the Forum Wissen Göttingen, 25.4.2024-3.11.2024, >16,000 Visitors

Chalk Talk Forum Wissen 26.4.2024

Ideen Expo Hannover 12.6.2024

Nacht des Wissens, Göttingen (multiple times)

Wissenschaft im Sauriersaal, Naturkundemuseum Berlin, 16.11.2018

Festvortrag Akademie der Wissenschaften zu Göttingen, 3.11.2018

Salon Sophie-Charlotte BBAW Berlin (multiple times)

Helmholtz Lecture, Berlin, 1.6.2017

Smashing Ideas Festival, Hamburg, 15.2.2017

CIN Dialogues, Tübingen, 20.11. 2017

YPO Winter Meeting, Jochberg, Austria, 28.1.2016

Media

Work has been featured by the New York Times, Wall Street Journal, Le Monde, heute journal, Spiegel, FAZ, BBC, NPR, SWR 2 Aula, Radio Bremen 2 'Sommergäste', NBC, Dutch Television, ZDF Nachtstudio, Radio Bremen 3nach9. Portraits and Interviews in ZEIT WISSEN, FAZ Bilder und Welten, Süddeutsche Zeitung, duz spezial. I have given over 100 radio interviews, including several 1-hour features such as WDR5 Tischgespräch, Deutschlandradio Zwischentöne, and HR2 Doppelkopf. Our work has been featured in an exhibit at the National Museum of Natural Science in Taiwan. In 2025, I was selected as one of 100 people "who give hope" by DER SPIEGEL.

Publications

Preprints

- (1) Isbaner S, Baez-Mendoza R, [...], **Fischer J**, Kagan I, Mani N (2025)
Dyadic Interaction Platform: A novel tool to study transparent social interactions
eLife14:RP106757 doi: <https://doi.org/10.7554/eLife.106757.1>
- (2) Feder JA, Alberts S, [...], Dal Pesco F, [...] **Fischer J** [...], Trede F, Kamilar J, Silk J (2025)
Disparate social structures are underpinned by distinct social rules across a primate radiation
bioRxiv, <https://doi.org/10.1101/2025.07.31.667759>
- (3) Mundry R, Dal Pesco F, Avilès de Diego A, **Fischer J** (2023)
Overcoming pitfalls when estimating variation in parental care: A simulation study
bioRxiv, 2023.10.16.562548

All peer-reviewed journal publications

- (1) Hirel M, Meunier H, Rakoczy H, Fischer J, Keupp S (in press)
Tonkean macaques do not prefer the helper or the hinderer in the hill paradigm
Royal Society Open Science
- (2) Bosshard TC, Mundry R & **Fischer J** (in press)
Ecological risk-taking across age in Barbary macaques
Animal Behaviour
- (3) O'Hearn W, Hirel M, Keupp S, Fischer J (2025)
Social evaluation of skill and competence in primates
Neuroscience and Biobehavioral Reviews 177: 106346
- (4) Hirel M, Meunier H, Mundry R, Rakoczy H, **Fischer J** & Keupp S (2025)
Choose your partner: Social evaluation of skilfulness at cooperative co-action tasks in Tonkean macaques (*Macaca tonkeana*)
Animal Behaviour and Cognition 12(3):330-359
- (5) Murphy D, **Fischer J** (2025)
Estimating social network metrics from single-file movements in Barbary macaques (*Macaca sylvanus*)
Animal Behaviour, <https://doi.org/10.1016/j.anbehav.2025.123146>
- (6) Ohrndorf L, Mundry R, Beckmann J, **Fischer J** & Zinner D (2025)
Patterns of sleeping site use of Guinea baboon parties (*Papio papio*)
Ecology and Evolution Ecology and Evolution 15:e71610 <https://doi.org/10.1002/ece3.71610>
- (7) Vogg R, Lüddecke T, [...], Murphy D, **Fischer J**, [...] Ecker A (2025)
Computer vision for primate behavior analysis in the wild
Nature Methods <https://doi.org/10.1038/s41592-025-02653-y>
- (8) O'Hearn WJ, Beckmann J, von Fersen L, Dal Pesco F, Mundry R, Keupp S, Diakhate N, Niederbremer C, **Fischer J** (2025)
Increased female competition for males with enhanced foraging skills in Guinea baboons
Proceedings of the Royal Society B 292:20242925
<https://doi.org/10.1098/rspb.2024.2925>

- (9) Schad L, Dongre P, van de Waal E, **Fischer J** (2025)
Loud call production in male vervet monkeys (*Chlorocebus pygerythrus*) varies with season and signaller rank
 International Journal of Primatology available online <https://doi.org/10.1007/s10764-024-00475-x>
- (10) Bosshard TC, Hirel M, Meunier H & **Fischer J** (2025)
Idiosyncrasy in gestural communication: a case study of hand-clapping in a Barbary macaque (*Macaca sylvanus*)
 Ethology available online <https://doi.org/10.1111/eth.13556>
- (11) Schad L, van de Waal E & **Fischer J** (2025)
Anti-snake behavior and snake discrimination in vervet monkeys
 Ethology **131**: e13541. <https://doi.org/10.1111/eth.13541>
- (12) Ohrndorf L, Mundry R, Beckmann J, **Fischer J** & Zinner D (2025)
Patterns of landscape partitioning indicate low levels of resource competition among neighbouring Guinea baboon (*Papio papio*) parties
 Movement Ecology **13**: Article 9. <https://doi.org/10.1186/s40462-025-00534-9>
- (13) Goffe A, Niederbremer C, Heistermann M, **Fischer J** & Dal Pesco F (2025)
No evidence for a link between dominance rank, unit size, and faecal glucocorticoid levels in a small sample of wild female Guinea baboons (*Papio papio*)
 International Journal of Primatology **46**: 158-181 <https://doi.org/10.1007/s10764-024-00458-y>
- (14) De Moor D, Skelton M, ... **Fischer J**, ... Brent L J N (2025)
MacaqueNet: Advancing comparative behavioural research through large-scale collaboration
 Journal of Animal Ecology, 10.1111/1365-2656.14223
- (15) V äth PA, von Petersdorff J, Neumann C, Mundry R, **Fischer J** (2024)
Replicating the “Seductive Allure of Neuroscience Explanations” effect in a classroom experiment and an online study
 Royal Society Open Science **11**: 241120. <https://doi.org/10.1098/rsos.241120>
- (16) O’Hearn W, Frank L, Keupp S, **Fischer J** (2024)
Lessons learned from a cooperative box experiment with wild baboons
 Animal Behavior and Cognition **11**(4): 330-348
- (17) Sterck EHM, Crockford C, **Fischer J**, Massen J J M, Tiddi B, Perry S, Sueur C, Schülke O & Ostner J (2024)
The evolution of between-sex bonds in primates
 Evolution and Human Behavior **45**(6): 106628
- (18) Eppley TM, Reuter KE, Sefczek TM [...] **Fischer J**, et al. (2024)
Tropical field stations yield high conservation return on investment
 Conservation Letters **17** (2): e13007 <http://dx.doi.org/10.1111/conl.13007>
- (19) Sørensen EF, Harris RA, Zhang L [...] **Fischer J** [...] Zinner D, et al. (2023)
Genome-wide coancestry reveals details of ancient and recent male-driven reticulation in baboons
 Science **380** (6648) <https://doi.org/10.1126/science.abn8153>
- (20) Federspiel IG, Schmitt V, Schuster R, Rockenbach C, Braun A, Loretto M-C, Michels C, **Fischer J**, Mussweiler T, Bugnyar T (2023)
Are you better than me? Social comparisons in carrion crows (*Corvus corone*)
 Animal Cognition **26**: 1353–1368 <https://doi.org/10.1007/s10071-023-01785-y>

- (21) Treschnak D, Zinner D, **Fischer J** (2023)
Male Guinea baboons are oblivious to their females' whereabouts
 Animal Behaviour **201**: 53 – 62 <https://doi.org/10.1016/j.anbehav.2023.04.010>
- (22) Moeller S, Unakafov AM, **Fischer J**, Gail A, Treue S, Kagan I (2023)
Human and macaque pairs employ different coordination strategies in a transparent decision game
 eLife **12**: e81641 <https://doi.org/10.7554/eLife.81641>
- (23) **Fischer J** (2023)
Aging rhesus monkeys stick to friends and family (Commentary)
 Proceedings of the National Academy of Sciences USA **120**(1): e2219062120
- (24) Titchener R, Thiriau C, Hüser T, Scherberger H, Fischer J & Keupp S (2023)
Social disappointment and partner presence affect long-tailed macaque refusal behaviour in an 'inequity aversion' experiment
 Royal Society Open Science **10**(3): 221225
- (25) Schad L, **Fischer J** (2023)
Opportunities and risks in the use of drones for studying animal behavior
 Methods in Ecology and Evolution **14**(8): 1864-1872. <https://doi.org/10.1111/2041-210X.13922>
- (26) Neumann C, **Fischer J** (2022)
Extending Bayesian Elo-rating to quantify the steepness of dominance hierarchies
 Methods in Ecology and Evolution **14**: 669– 682. <https://doi.org/10.1111/2041-210X.14021>
- (27) Rathke E-M, Mundry R, **Fischer J** (2022)
Older Barbary macaques show limited capacity for self-regulation to avoid hazardous social interactions
 Communications Biology **5**: 1087. <https://doi.org/10.1038/s42003-022-04012-5>
- (28) Schleihauf H, Herrmann E, **Fischer J**, Engelmann JM (2022)
How children revise their beliefs in light of reasons
 Child Development **93**(4): 1072-1089 <https://doi.org/10.1111/cdev.13758>
- (29) Dal Pesco F, Trede F, Zinner D, **Fischer J** (2022)
Male-male social bonding, coalitionary support and reproductive success in wild Guinea baboons
 Proceedings of the Royal Society B **289**: 20220347
- (30) Many Primates Consortium (Aguenounoun G, Allritz M, [...] **Fischer J**, et al.) (2022)
The evolution of primate short-term memory
 Animal Behaviour and Cognition **9**(4): 428-516.
- (31) Montanari D, O'Hearn WJ, Hambuckers J, **Fischer J**, Zinner D (2021)
Coordination during group departures and progressions in the tolerant multi-level society of wild Guinea baboons (*Papio papio*)
 Scientific Reports **11**: 21938 *shared first and last authorships
- (32) Vernes SC, Kriengwatana BP, Beeck VC, **Fischer J**, Tyack PL, ten Cate C, Janik VM (2021)
The multi-dimensional nature of vocal learning
 Philosophical Transactions of the Royal Society B: Biological Sciences **376**: 20200236.
<https://doi.org/10.1098/rstb.2020.0236>
- (33) Zinner D, Klapproth M, Schell A, Ohrndorf L, Chala D, Ganzhorn JU, **Fischer J** (2021)
Comparative ecology of Guinea baboons (*Papio papio*)
 Primate Biology **8**: 19–35
- (34) Rathke EM & **Fischer J** (2021)
Social aging in male and female Barbary macaques
 American Journal of Primatology e23272, doi:10.1002/ajp.23272

- (35) Keupp S, Abedin F, Jeanson L, Kade C, Kalbitz J, Titchener R, Mussweiler T, Bugnyar T, **Fischer J** (2021)
Performance-based social comparisons in humans and long-tailed macaques
 Animal Behavior and Cognition **8**(3): 325-350
- (36) Wilson V, Kade C, **Fischer J** (2021)
Testing the relationship between looking time and choice preference in long-tailed macaques
 Animal Behavior and Cognition **8**(3): 351-375
- (37) Dal Pesco F, Trede F, Zinner D, **Fischer J** (2021)
Kin bias and male pair-bond status shape male-male relationships in a multilevel primate society
 Behavioural Ecology and Sociobiology **75**(1): 24
- (38) **Fischer J** (2021)
Primate vocal communication and the evolution of speech
 Current Directions in Psychological Science **30**(1): 55–60
- (39) Grueter CC, Qi X, Zinner D, Bergman TJ, Li M, Xiang Z, Zhu P, Miller A, Krützen M, **Fischer J**, Rubenstein DI, Vidya TNC, Li B, Cantor M, Swedell L (2021)
On multifaceted definitions of multilevel societies: Response to Papageorgiou and Farine
 Trends in Ecology & Evolution **36**(1): 17-19.
- (40) Trede F, Kil N, Stranks J, Connell A, **Fischer J**, Ostner J, Schülke O, Zinner D, Roos C (2021)
A refined panel of 42 microsatellite loci to universally genotype catarrhine primates
 Ecology and Evolution **11**(1): 498-505
- (41) **Fischer J**, Wegdell F, Trede F, Dal Pesco F, Hammerschmidt K (2020)
Vocal convergence in a multi-level primate society: insights into the evolution of vocal learning
 Proceedings of the Royal Society B **287**: 20202531
- (42) Rathke E-M, **Fischer J** (2020)
Differential aging trajectories in motivation, inhibitory control and cognitive flexibility in Barbary macaques (*Macaca sylvanus*)
 Philosophical Transactions of the Royal Society B: Biological Sciences **375**: 20190617
- (43) Dal Pesco F, **Fischer J** (2020)
On the evolution of baboon greeting rituals
 Philosophical Transactions of the Royal Society B: Biological Sciences **375**: 20190420
- (44) Placì S, **Fischer J**, Rakoczy H (2020)
Do infants and preschoolers quantify probabilities based on proportions?
 Royal Society Open Science **7**(9): 191751
- (45) Wilson V, Kade C, Moeller S, Treue S, Kagan I, **Fischer J** (2020)
Macaque gaze responses to the Primatar: a virtual macaque head for social cognition research
 Frontiers in Psychology **11**: 1645
- (46) Farrar BG, Altschul DM, **Fischer J**, van der Mescht J, Placì S, Troisi CA, Vernouillet A, Clayton NS, Ostojić L (2020)
Claims and statistical inference in animal physical cognition
 Animal Behavior and Cognition **7**(3): 419–444
- (47) **Fischer J** (2020)
Nonhuman primate alarm calls then and now
 Animal Behaviour and Cognition **7**(2), 108-116

- (48) **Fischer J**, Zinner D (2020)
Introduction to special issue: Frontiers in baboon research
 Journal of Human Evolution 146: 102822
- (49) Grueter CC, Qi X, Zinner D, Bergman TJ, Li B, Xiang Z, Zhu P, Migliano AB, Miller A, Krützen M, **Fischer J**, Rubenstein DI, Vidya TNC, Cantor M, Swedell L (2020)
Multilevel organisation of animal sociality
 Trends in Ecology & Evolution 36(9): 834-847
- (50) **Fischer J**, Higham JP, Alberts SC, ... Swedell L, Wilson ML, Zinner D (2019)
The natural history of model organisms: Insights into the evolution of social systems and species from baboon studies
 Elife 8: e50989
- (51) Wegdell F, Hammerschmidt K, **Fischer J** (2019)
Conserved alarm calls but rapid auditory learning in monkey responses to novel flying objects
 Nature Ecology and Evolution 3: 1039-1042
- (52) **Fischer J**, Hammerschmidt K (2019)
Towards a new framework for primate vocal production learning
 Philosophical Transactions of the Royal Society B 375: 20190045
- (53) Faraut L, Siviter H, Dal Pesco F, **Fischer J** (2019)
How life in a tolerant society affects the usage of grunts: Evidence from female and male Guinea baboons
 Animal Behaviour 153: 83-93
- (54) Faraut L, **Fischer J** (2019)
How life in a tolerant society affects the attention to social information in baboons
 Animal Behaviour 152: 11-17
- (55) Keupp S, Titchener R, Bugnyar T, Mussweiler T, **Fischer J** (2019)
Competition is crucial for social comparison processes in long-tailed macaques
 Biology Letters 15: 20180784
- (56) Hülsmann S, Oke Y, Mesuret G, Latal AT, Fortuna MG, Niebert M, Hirrlinger J, **Fischer J**, Hammerschmidt K (2019)
The postnatal development of ultrasonic vocalization-associated breathing is altered in glycine transporter 2-deficient mice
 Journal of Physiology 597(1): 173-191
- (57) Hammerschmidt K, **Fischer J** (2019)
Baboon vocal repertoires and the evolution of primate vocal diversity
 Journal of Human Evolution 126: 1-13
- (58) Placì S, Padberg M, Rakoczy H, **Fischer J** (2019)
Long-tailed macaques extract statistical information from repeated types of events to make rational decisions under uncertainty.
 Scientific Reports 9: 12107.
- (59) Many Primates on behalf of Altschul DM, Beran MJ, Bohn M, ..., **Fischer J**,... Völter CJ, Warren E, Watzek J (2019)
Establishing an infrastructure for collaboration in primate cognition research
 PLoS One 14: e0223675.
- (60) Goffe AS, **Fischer J**, Sennhenn-Reulen H (2018)
Bayesian inference and simulation approaches improve the assessment of Elo-ratings in the analysis of social behaviour
 Methods in Ecology and Evolution 9(10): 2131-2144

- (61) Dal Pesco F, **Fischer J** (2018)
Greetings in male Guinea baboons and the function of rituals in complex social groups
 Journal of Human Evolution 125: 87-98
- (62) Keupp S, Barbarroja Capdevila N, Topolinski S, **Fischer J** (2018)
Are monkeys intuitive Aristotelians? – Associations between target size and vertical target position in long-tailed macaques
 Royal Society Open Science 5: 170889
- (63) Ordóñez-Gómez JD, Santillán-Doherty AM, **Fischer J**, Hammerschmidt K (2018)
Acoustic variation of spider monkeys' contact calls (whinnies) is related to distance between vocalizing individuals and immediate caller behavior
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