

Biographical Information:

Name: Federica Amici
Nationality:
Date of birth:
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Contact address: Research Group Human Biology and Primate Cognition, Biology Institute,
University of Leipzig, Talstrasse 33, D-04103 Leipzig, Germany;

Education:

1. March 2009: PhD in Behavioural Cognition, at the Liverpool John Moores University, UK, and in collaboration with the Max Planck Institute for Evolutionary Anthropology (EVA-MPI) in Leipzig, Germany. Dissertation thesis: “Inhibitory control and other cognitive abilities critical to fission-fusion dynamics in primates”.
2. September 2008: State examination as a lawyer admitted to practice law at the Lawyer Order “Ordine degli Avvocati di Roma”, Rome, Italy.
3. September 2005: Bachelor + Master degree in Law, 102/110 (first equivalent), at the University “Tor Vergata”, Rome, Italy. Dissertation thesis: “Labor rights in theory and in practice: the study case of Mexican maquiladoras”.
4. February 2002: Bachelor + Master degree in Natural Sciences, 110/110 cum laude (first equivalent), at the University “La Sapienza”, Rome, Italy. Dissertation thesis: “Affiliative behavior as sexual strategy in *Macaca fascicularis*”.

Training and Experience:

1. From 01.06.2021: Post-doc researcher at the University of Leipzig and at the Department of Human Behavior, Ecology and Culture at the EVA-MPI, working with Prof. Katja Liebal on the development of gestural communication.
2. From 01.03.2020: Post-doc researcher at the University of Leipzig (until 31.01.2021) and at the Department of Human Behavior, Ecology and Culture at the Primatology Department at the EVA-MPI, Leipzig, with several research projects spanning from ungulate cognition to psycholinguistics and wild moor macaque socio-ecology and cognition. My teaching duties include lectures and seminars on primate cognition, methods in primatology, and related topics.
3. From 01.11.2015 until 29.02.2020: Post-doc researcher at the University of Leipzig (until 23.06.2019) and at the Primatology Department at the EVA-MPI, mainly working on inter-individual and inter-specific differences in innovation in wild and captive primates, and other species.
4. From 01.10.2013 until 31.10.2015: Post-doc guest researcher at the Department of Developmental and Comparative Psychology at the EVA-MPI, Leipzig, and part-time research assistant at the Psychology Department at the Bern University, Switzerland, mainly working on developmental and comparative psychology. Teaching duties have included lectures and seminars, as above.
5. From 12.2010 until 04.2014: Alexander von Humboldt Postdoctoral Research Fellow at the EVA-MPI in Leipzig, Germany, with a project on primate cooperative behaviour and inhibition, and several side projects in comparative cognition and developmental psychology.
6. From 04.2009 until 11.2010: Implementation of different projects and data collection, including studies on comparative cognition and psycholinguistics.

7. From 09.2005 until 03.2009: PhD at the John Moores University of Liverpool, UK, and at the EVA-MPI, Leipzig, Germany.
8. From 09.2001 until 08.2005: Data collection and analysis on female mate choice in captive primates (University of Utrecht, Netherlands); field work on wild spider monkeys in Punta Laguna, Mexico (University La Sapienza, Italy); data collection and analysis of different cognitive skills in captive primates (University La Sapienza, Italy, ISTC-CNR Primate Centre, Italy, and EVA-MPI, Leipzig, Germany).

Field sites:

Since the beginning of 2019, co-founder of the Macaca Maura Project (MMP), a multidisciplinary and longitudinal project resulting from the collaboration of three institutions (Leipzig University, Hasanuddin University in Indonesia, Lincoln University in the UK), aiming to help protecting the endangered moor macaque (*Macaca maura*) and its habitat in South Sulawesi (Indonesia), and to get a better understanding of the ecology, behaviour and cognition of this little-known species, in collaboration with the local communities. Website: <https://macacamauraproject.blogs.lincoln.ac.uk/>. We also work with wild spider monkeys in the field site of Punta Laguna, in Yucatán (México).

Interruptions in Research Career:

In 05.2005, 10.2008, 12.2012 and 02.2016 my four children were born.

Grants Awarded (with approximate budget obtained):

1. Pre-Post Doc Award from the University of Leipzig, Germany, on ungulate social development (2024-2025), with Stefanie Möller – 15.000 €
2. Biodiversa European Partnership (2022), as part of the Wolfness project led by Prof. Ciucci, on the management of wolf-dog hybridization in Europe - 170.000 €
3. Sächsische Aufbaubank, on Conservation and Performing Arts (2022), with Prof. Majolo, Prof. Heeg and the Centre of Competence for Theatre, Prof. Breed, Dr. Romero & Prof. Liebal – 123.000 €
4. DFG research grant Vi-Com, in cooperation with Prof. Liebal as main applicant (2022) – 170.000 €
5. PRIC grant for Research and Conservation, Barcelona Zoo, Spain (2019), with Prof. Montserrat Colell and Alvaro Lopez Caicoya – 10.000 €
6. Pre-Post Doc Award from the University of Leipzig, Germany, on ungulate cognition (2019-2020) , with Alina Schaffner – 10.000 €
7. DFG research grant for the inclusion of a refugee on the project on Innovation (2017-2019) – 72.000 €
8. PRIC grant for Research and Conservation, Barcelona Zoo, Spain (2017), with Prof. Montserrat Colell
9. DFG research grant on Innovation (2015-2019) – 300.000 €
10. DFG grant for international scientific events to organize a Workshop on Coordination, Collaboration and Cooperation (2014), with Dr. Lucas Bietti – 10.000 €
11. Fellowship from the Humboldt Foundation (2010-2014) – 60.000 €
12. Research stay DAAD grant (2004-2005) – 3.000 €
13. Specialization grant from the University La Sapienza, Rome, Italy (2002-2003) – 12.000 €

Ad-hoc Reviewer:

Nature Communications, Science Advances, Current Biology, Current Anthropology, Proceedings of the Royal Society of Sciences, Cognition, Animal Cognition, Animal Behaviour, Behavioral Ecology and Sociobiology, Journal of Comparative Psychology, International Journal of Primatology, International Primatological Society, National Geographic, Leakey Foundation, Austrian Science Fund (FWF), Swiss National Science Foundation.

Supervision of Bachelor, Master and PhD students:

1. Bachelor students: 1) Lisa-Marie Kiessling, on reptile perception and cognition, 2018; 2) Zarah Sorger, on ungulate innovation, 2019; 3) Nadja Ritter, on risk aversion in ungulates, 2020; 4) Christoforos Souganidis, on neophobia in primates, 2021; 5) Ambra Scarlett Michely An Figueroa, on socio-ecological challenges and cognition in primates, 2021; 6) Sophia Guthke, on ecological variation in ungulates, 2021; 7) Juliane Hübner, on social variation in ungulates, 2021; 8) Zoe Tutone, on primate survey techniques, 2021; 9) Celina Fuhrmann, on primate conservation education, 2021; 10) Jana Pindur, on goat illusions 2022; 11) Kristina Scholz, on facial expressions in orangutans, 2022; 12) Tabea Gabriel, on goat understanding of gravity, 2023; 13) Nadine Walther, on mother-infant interactions in apes, 2023; 14) Justine Treuter, on multiparous gorillas, 2023, 15) Konny Gretschel, on wolf reconciliation, ongoing; 16) Marie Snehotta, on children's prosocial behaviour toward phantasy animals, ongoing; 17) Elisabeth Vollmar, on loud calls in wild moor macaques, ongoing.
2. Master students: 1) Fabrizio dell'Anna, on food sharing in baboons, 2018; 2) Jordi Pladevall, on great ape mental time travelling, 2019; 3) Víctor Beltrán Francés, on social play and vocalizations in wild moor macaques, 2019; 4) Julie Gaillard, on ungulate social learning, 2019; 5) Albert Giberga, on bonobo personality, 2020; 6) Clara Hernandez Tienda, on habituation in wild moor macaques, 2020; 7) Sasha Donnier, on cross-specific emotion recognition, 2020; 8) Chiara Bernardi-Gomez, on vigilance and time budget in wild spider monkeys, 2021; 9) Sara Valdivieso, on yawning and empathic contagion in wild spider monkeys, 2021; 10) Eric Walther, on children causal learning, 2021; 11) Carolina Soben Lopez, on wild spider monkey maternal investment, 2023; 12) Paula Villariezo, on wild spider monkey development, 2023; 13) Merixtell Dalmau Miarnau, on behavioural synchrony in wild spider monkeys, 2023; 14) Felipe Villa Larenas, on gestural communication in wild spider monkeys, 2023; 15) Emmeline Caray, on wolf personality and neophobia, 2023; 16) Simone Meacci, on wolf-dog hybrid personality and neophobia, 2023; 17) Elisabeth Rahmsdorf, parenting in great apes, 2023; 18) Caterina Berardo, visual illusions in goats, 2023; 19) Eva Corral, on multicomponent communication in spider monkeys, 2024; 20) Sara Cardoso, on play behaviour in spider monkeys, 2024; 21) Cesar Rodriguez, on sleeping trees in moor macaques, 2024; 22) Melissa Guinot Sanchez, on vocal communication in spider monkeys, 2024; 23) Alejandro Peña Bucheli, on biological markets in capuchin monkeys, 2024; 24) William Lemes, on behavioural contagion in captive lemurs, 2024; 25) Blanca Striegler, on maternal styles in chimpanzees, 2024; 26) Stefanie Möller, on goat risk taking behaviour, 2024; 27) Andrea de Haro, on aggressive patterns in moor macaques, ongoing; 28) Henry Bohny, on wolf communication, ongoing; 29) Mattia Iacuzzi, on behavioural contagion and reconciliation in wolves and wolf hybrids, ongoing; 31) Sophie Karl, on additions and subtractions in goats, ongoing; 32) Laia Arbosse Ripoll, on cognition and welfare in captive macaques, ongoing; 33) Nuria Hannaoui, on behavioral contagion in wild *Cebus aequatorialis*, ongoing; 34) Irene Calvo, on conflict avoidance and resolution in wild spider monkeys in Ecuador, ongoing; 35) Michelle Roderer, on differences in chimpanzee maternal styles based on their living conditions, ongoing; 36) Alejandro Magallanes Campo, on social behaviour in wild moor macaques, ongoing; 37) Victoria Martínez, on gestural communication in wild moor macaques;

- 38) Gemma Serres Peralta, on gesture meaning in wild moor macaques, 39) Mariano Lara Lopez, mother-infant interactions in wild moor macaques.
3. PhD students: 1) José Gomez Melara, on human-macaque interactions, 2018-2022; 2) Alvaro Lopéz Caicoya, on physical and social cognition in ungulates, 2019-2023; 3) Maria Padrell, on chimpanzee welfare and cognition, 2018-2024; 4) Alina Schaffer, on ungulate cognition, 2020-2024; 5) Victor Beltrán Francés, on survey techniques to monitor moor macaques in Sulawesi, 2021-ongoing; 6) Chiara Zulberti, on compositionality in chimpanzee communication, 2023-ongoing; 7) Manon Delaunay, on wolf-dog hybrid behaviour, 2023-ongoing; 8) Leonard Nigrini, on comparative cognition, 2024-ongoing.
 4. PostDoc students: 1) Dr. Karimullah Karimullah, on human-macaque interactions, 2017-2019.

Language Proficiency:

Italian (mother tongue); English (CPE, CAE and FCE certificates; long permanence in English-speaking countries); Spanish (long permanence in Spanish-speaking countries); German (DFZ and C1 certificates; long permanence in Germany).

Selected Invited Talks:

1. Comparative cognition: contrasting evolutionary hypotheses while testing specific cognitive skills. Anthropologisches Institut & Museum at the University of Zuerich in Zuerich, Switzerland.
2. Prosociality and other-regarding preferences across different primate species. German Primate Center in Goettingen, Germany.
3. Why comparative cognition should be really comparative. School of Psychology, University of Lincoln, UK.
4. Comparative cognition – how to make comparative cognition really comparative. Psychology Institute, Neuchatel University, Switzerland.
5. The conservation of tropical biodiversity: current challenges for the management. Biennial Conference of Tropical Biodiversity, Makassar, Indonesia.
6. Innovation – a comprehensive approach? Goettingen University, Germany.
7. The evolution of cognition: inter- and intra-specific variation. Laboratory of Animal Cognition, University of Trieste, Italy.

Publications in Peer-Reviewed Journals and Chapter Books:

1. **Amici, F.**, Lembeck, M., Holodyski, M., & Liebal, K. 2024. A longitudinal comparison of maternal behaviour in German urban humans (*Homo sapiens*) and captive chimpanzees (*Pan troglodytes*). *Scientific Reports*, 14, 1517.
2. **Amici, F.**, Ramos-Fernandez, G., de Guinea, M., & Aureli, F. Accepted. Cognición comparativa de las tres especies de monos mexicanos. In: Carrillo Castilla, P., Spaan, D., Dias, P. A. D., & Aureli, F. (Eds.), *Interactuando: los monos y la gente de México*.
3. **Amici, F.**, Meacci, S., Caray, E., Oña, L., Liebal, K., & Ciucci, P. 2024. A first exploratory comparison of the behaviour of wolves (*Canis lupus*) and wolf-dog hybrids in captivity. *Animal Cognition*, 27, 9.
4. Berardo, C., Holland, R., Schaffer, A., Lopez Caicoya, A., Liebal, K., & **Amici, F.** 2024. Optical illusions in captive ungulates: goats (*Capra hircus*), sheep (*Ovis aries*), llamas (*Lama glama*) and guanacos (*Lama guanicoe*) are susceptible to the Müller-Lyer and Delboeuf illusions. *Animal Cognition*.

5. Cardoso Rodriguez, S., Corral Serrano, E., Llorente, M., Liebal, K., & **Amici, F.** 2024. Beyond the canopy: social play behavior in wild spider monkeys (*Ateles geoffroyi*). *International Journal of Primatology*.
6. Liebal, K., Ersson-Lembeck, M., **Amici, F.**, Schultze, M., & Holodyski, M. 2024. Applying the human component model of parenting to other primates: developmental patterns of mother-child interactions across primate species. *International Journal of Behavioral Development*.
7. Padilha Lemes, W., & **Amici, F.** Accepted. Evidence of behavioral contagion in captive black-and-white ruffed lemurs (*Varecia variegata*) and red ruffed lemurs (*Varecia rubra*). *Scientific Reports*.
8. Schaffer, A., Caicoya, A. L., Widdig, A., Holland, R., & **Amici, F.** Accepted. Fission-fusion dynamics and physical cognitive skills in two zebra species. *Animal Cognition*.
9. Schaffer, A., Caicoya, A. L., Widdig, A., Holland, R., & **Amici, F.** Accepted. Quantity discrimination in ungulates. *Cognition*.
10. Schaffer, A., Widdig, A., Holland, R., & **Amici, F.** Accepted. Evidence of object permanence, short-term spatial memory, causality, understanding of object properties and gravity across five different ungulate species. *Scientific Reports*.
11. Souganidis, C., Llorente, M., Aureli, F., Call, J., & **Amici, F.** 2024. Variation in neophilia in seven primate species. *Journal of Comparative Psychology*.
12. Villa Larenas, F., Llorente, M., Liebal, K., & **Amici, F.** 2024. Gestural communication in wild spider monkeys (*Ateles geoffroyi*). *Animal Cognition*, 27, 18.
13. **Amici, F.** 2023. Episodic memory in animals. In Bietti & Pogačar (Eds.) *The Palgrave Encyclopedia of Memory Studies*.
14. **Amici, F.** 2023. Primate social behaviour: benefits, challenges and diversity of relations. *Metode Science Studies Journal*, 14, 65-77.
15. **Amici, F.**, Lembeck, M., Holodyski, M., & Liebal, K. 2023. Face to face interactions in chimpanzee and human mother-infant-dyads. *Philosophical Transactions B*, 378, 20210478.
16. **Amici, F.**, & Liebal, K. 2023. Primates unleashed. *Behavioral and Brain Sciences*, 46, E2.
17. Bernardi Gómez, C., Valdivieso Cortadella, S., Llorente, M., Aureli, F., & **Amici, F.** 2023. Social aspects of vigilance in wild spider monkeys (*Ateles geoffroyi*). *American Journal of Primatology*.
18. Caicoya, A.L., Colell, M., & **Amici, F.** 2023. Giraffes make decisions based on statistical information. *Scientific Reports*, 13, 5518.
19. Caicoya, A.L., Schaffer, A., Holland, R., von Fersen, L., Colell, M., & **Amici, F.** 2023. Innovation across 13 ungulate species: problem solvers are less integrated in the social group and less neophobic. *Proceedings of the Royal Society of London B*, 290, 20222384.
20. Gregori, A., **Amici, F.**, Brilmayer, I., Ćwiek, A., Fritzsche, L., Fuchs, S., Henlein, A., Herbort, O., Kügler, F., Lemanski, J., Liebal, K., Lücking, A., Mehler, A., Nguyen, K. T., Pouw, W., Prieto, P., Rohrer, P.L., Sánchez-Ramón, P.G., Schulte-Rüther, M., Schumacher, P., Schweinberger, S., Struckmeier, V., Trettenbrein, P.C., & von Eiff, C.I. (2023). A roadmap for technological innovation in multimodal communication research. In: Duffy, V.G. (eds) Digital human modeling and applications in health, safety, ergonomics and risk management. HCII 2023. Lecture Notes in Computer Science, vol 14029. pp. 402-438. Springer, Cham. https://doi.org/10.1007/978-3-031-35748-0_30
21. Padrell, M., **Amici, F.**, Úbeda, Y., & Llorente, M. 2023. Assessing Eysenck's PEN model to describe personality in chimpanzees. *Behavioural Processes*, 210, 104909.

22. Rahman, F., Illa Maulany, R., Ngakan, P.O., Rodriguez del Castillo, C., Majolo, B., & **Amici, F.** 2023. Macaques retain memory of previous habituation despite changes in group composition. *International Journal of Primatology*.
23. Sobén López, C., Llorente, M., Villariezo, P., Liebal, K., & **Amici, F.** 2023. Mother's age and social integration modulate sex-biased maternal investment in wild spider monkeys (*Ateles geoffroyi*). *International Journal of Primatology*. <https://doi.org/10.1007/s10764-023-00375-6>
24. Sobén López, C., Llorente, M., Villariezo, P., Liebal, K., & **Amici, F.** 2023. Sexual differences in immatures' social behaviour in wild spider monkeys (*Ateles geoffroyi*). *Animals*.
25. Valdivieso Cortadella, S., Bernardi Gómez, C, Aureli, F., Llorente, M., & **Amici, F.** 2023. Behavioural contagion in wild spider monkeys (*Ateles geoffroyi*). *Scientific Reports*, 13, 8367.
26. **Amici, F.**, & Liebal, K. 2022. Testing hypotheses for the emergence of gestural communication in great and lesser apes (*Pan troglodytes*, *Pongo abelii*, *Symphalangus syndactylus*). *International Journal of Primatology*, 44, 319–340.
27. **Amici, F.**, & Liebal, K. 2022. The social dynamics of communication in great and lesser apes (*Pan troglodytes*, *Pongo pygmaeus abelii*, *Symphalangus syndactylus*). *Philosophical Transactions B*, 377, 20210299.
28. **Amici, F.**, Oña, L., & Liebal, K. 2022. Compositionality in primate gestural communication and multicomponent signal displays. *International Journal of Primatology*.
29. **Amici, F.**, Röder, S., Kiess, W., Borte, M., Zenclussen, A. C., Widdig, A., & Herberth, G. 2022. Maternal stress, child behavior and the promotive role of older siblings. *BMC Public Health*, 22, 863.
30. **Amici, F.**, Sanchez-Amaro, A., & Cacchione, T. 2022. Branching and working memory: a cross-linguistic approach. In: *The Cambridge handbook of working memory and language* (Eds. Schwiete, J.W., & Wen, Z.). Cambridge University Press.
31. Beltrán Francés, V., Spaan, D., **Amici, F.**, Illa Maulany, R., Oka Ngakan, P., & Majolo, B. 2022. Population density of the Endangered moor macaque (*Macaca maura*) in South Sulawesi, Indonesia. *International Journal of Primatology*, 1-26.
32. Castellano-Navarro, A., Beltrán Francés, V., Albiach-Serrano, A., MacIntosh, A.J.J., Illa Maulany, R., Ngakan, P.O., Liebal, K., & **Amici, F.** 2022. Maternal and offspring behavior in free-ranging Japanese and moor macaques: a comparative approach. *American Journal of Primatology*, 85, e23461.
33. Epperlein, T., Kovacs, G., Oña, L., **Amici, F.**, & Bräuer, J. 2022. Context and prediction matter for the interpretation of social interactions across species. *Plos One*, 17, e0277783.
34. Hernandez-Tienda, C., Majolo, B., Romero, T., Illa Maulany, R., Ngakan, P.O., Beltrán Francés, V., Gregorio Hernandez, E., Gomez-Melara, J.L., Llorente, M., & **Amici, F.** 2022. The habituation process in two groups of wild moor macaques (*Macaca maura*). *International Journal of Primatology*, 43, 291-316.
35. Karimullah, K., Widdig, A., Shahrul, A.M.S., & **Amici, F.** 2022. Understanding potential conflicts between human and non-human-primates: a large-scale survey in Malaysia. *Biodiversity and Conservation*, 31, 1249-1266.
36. Padrell, M., **Amici, F.**, Córdoba, M.P., & Llorente, M. 2022. Cognitive enrichment in a social setting: assessing the use of a novel food maze in sanctuary-housed chimpanzees. *Primates*, 63, 509-524.
37. **Amici, F.** 2021. Primate cognition. In: Vonk, J., & Shackelford, T. K. (Eds.). *Encyclopedia of Animal Cognition and Behavior*. Springer.

38. **Amici, F.**, Widdig, A., von Fersen, L., Lopez Caicoya, A., & Majolo, B. 2021. Intra-specific variation in the social behaviour of Barbary macaques. *Frontiers in Psychology*, 12, 666166.
39. Anzá, S., Majolo, B., & **Amici, F.** 2021. The function of mounts in free-ranging Barbary macaques (*Macaca sylvanus*). *American Journal of Primatology*, 42, 426-441.
40. Caicoya, A.L., **Amici, F.**, Ensenyat, C., & Colell, M. 2021. Comparative cognition in three understudied ungulate species: European bison (*Bison bonasus*), forest buffalos (*Syncerus caffer*) and giraffes (*Giraffa camelopardalis*). *Frontiers in Zoology*, 18, 30.
41. Caicoya, A.L., Colell, M., Ensenyat, C., & **Amici, F.** 2021. Problem solving in European bison (*Bison bonasus*): two experimental approaches. *Royal Society Open Science*, 8, 201901.
42. Castellano-Navarro, A., Macanás-Martínez, E., Xu, Z., Guillén-Salazar, F., MacIntosh, A.J.J., **Amici, F.**, & Albiach-Serrano, A. 2021. Japanese macaques' (*Macaca fuscata*) sensitivity to human gaze and visual perspective in contexts of threat, cooperation and competition. *Scientific Reports*, 11, 5264.
43. Gomez-Melara, J.L., Acosta-Naranjo, R., Castellano-Navarro, A., Beltrán Francés, V., Lopez Caicoya, A., MacIntosh, A.J.J., Illa Maulany, R., Ngakan, P.O., & **Amici, F.** 2021. Dominance style predicts differences in food retrieval strategies. *Scientific Reports*, 11, 1-9.
44. Gomez-Melara, J.L., Acosta-Naranjo, R., Izar, P., Shahrul, A.M.S., Pladevall, J., Illa Maulany, R., Ngakan, P.O., Majolo, B., Romero, T., & **Amici, F.** 2021. A cross-cultural comparison of the link between modernization, anthropomorphism and attitude to wildlife. *Sustainability*, 13, 13095.
45. Hernandez-Tienda, C., Beltrán Francés, V., Majolo, B., Romero, T., Illa Maulany, R., Ngakan, P.O., & **Amici, F.** 2021. Reaction to snakes in wild moor macaques (*Macaca maura*). *International Journal of Primatology*, 42, 528-532.
46. Padrell, M., **Amici, F.**, Córdoba, M.P., Giberga, A., Broekman, A., Almagro, S., & Llorente, M. 2021. Artificial termite-fishing tasks as enrichment for sanctuary-housed chimpanzees: behavioral effects and impact on welfare. *Animals*, 11, 2941.
47. Padrell, M., Llorente, M., & **Amici, F.** 2021. Invasive research on primates – time to turn the page. *Animals*, 11, 2999.
48. Schaffer, A., Caicoya, A.L., Colell, M., Holland, R., von Fersen, L., Widdig, A., & **Amici, F.** 2021. Neophobia in 10 ungulate species – a comparative approach. *Behavioural Ecology and Sociobiology*. 75, 102.
49. **Amici, F.**, Caicoya, A., Majolo, B., & Widdig, A. 2020. Innovation in wild Barbary macaques (*Macaca sylvanus*). *Scientific Reports*, 10, 4597.
50. **Amici, F.**, Widdig, A., MacIntosh, A.J.J., Beltrán Francés, V., Castellano-Navarro, A., Lopez Caicoya, A., Karimullah, K., Illa Maulany, R., Ngakan, P.O., Hamzah, A. S., & Majolo, B. 2020. Dominance style only partially predicts differences in neophobia and social tolerance over food in four macaque species. *Scientific Reports*, 10, 1-10.
51. Beltrán Francés, V., Castellano-Navarro, A., Illa Maulany, R., Oka Ngakan, P., MacIntosh, A.J.J., Llorente, M., & **Amici, F.** 2020. Play behavior in immature moor macaques (*Macaca maura*) and Japanese macaques (*Macaca fuscata*). *American Journal of Primatology*, 82, 23192.
52. Cacchione, T., & **Amici, F.** 2020. Insights from comparative research on cultural learning. *Progress in Brain Research*, 254, 247-270.
53. Caicoya, A.L., Colell, M., Holland, R., Ensenyat, C., & **Amici, F.** 2020. A quantity discrimination study in giraffes (*Giraffa camelopardalis*): giraffes go for more. *Animal Cognition*, 24, 483-495.

54. Donnier, S., Kovacs, G., Oña, L.S., Bräuer, J., & **Amici, F.** 2020. Experience has a limited effect on humans' ability to predict the outcome of social interactions in children, dogs and macaques. *Scientific Reports*, 10, 1-10.
55. Haun, D.B.M, Liebal, K., **Amici, F.**, Bender, A., Bohn, M., et al. 2020. Ein Plädoyer für die Relevanz der vergleichenden Psychologie für das Verständnis menschlicher Entwicklung. *Psychologische Rundschau*, 71, 40-41.
56. Murray, L., Schaffner, C.M., Aureli, F., & **Amici, F.** 2020. There is no other monkey in the mirror for spider monkeys. *Journal of Comparative Psychology*, 134, 323-329.
57. Padrell, M., Riba, D., Ubeda, Y., **Amici, F.**, & Llorente, M. 2020. Personality, cognition and behavior in chimpanzees: a new approach based on Eysenck's model. *Peer J*, 8, e9707.
58. Pladevall, J., Mendes, N., Riba, D., Llorente, M., & **Amici, F.** 2020. No evidence of what-where-when memory in great apes (*Pan troglodytes*, *Pan paniscus*, *Pongo abelii*, and *Gorilla gorilla*). *Journal of Comparative Psychology*, 134, 252-261.
59. Schaffer, A., Caicoya, A.L., Colell, M., Holland, R., Ensenyat, C., & **Amici, F.** 2020. Gaze following in ungulates: domesticated and non-domesticated species follow the gaze of both humans and conspecifics in an experimental context. *Frontiers in Psychology*, 11, 604904.
60. **Amici, F.**, Holland, R., & Cacchione, T. 2019. Sloth bears (*Melursus ursinus*) fail to solve a novel problem even after social information and relevant experience are provided. *Journal of Comparative Psychology*, 133, 373-379.
61. **Amici, F.**, Kulik, L., Langos, D., & Widdig, A. 2019. Growing into adulthood – how social bonds develop in immature rhesus macaques (*Macaca mulatta*). *Behavioral Ecology and Sociobiology*, 73, 18.
62. **Amici, F.**, Lehmann, J., Widdig, A., & Majolo, B. 2019. A meta-analysis of inter-individual differences in innovation. *Animal Behaviour*, 155, 257-268.
63. **Amici, F.**, Sanchez, A., Sebastian-Enesco, C., Allritz, M., Salazar, J., Cacchione, T., & Rossano, F. 2019. The word order of languages predicts native speakers' working memory. *Scientific Reports*, 9, 1124.
64. **Amici, F.**, Waterman, J., Kellermann, C. M., Karimullah, K., & Braeuer, J. 2019. The ability to recognize dog emotions depends on the cultural milieu in which we grow up. *Scientific Reports*, 9, 16414.
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