

ARNAUD TOGNETTI

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EMPLOYMENT

- 2014-17 Research Fellow – Institute for Advanced Study in Toulouse, France
2013-14 Postdoctoral Position, Sex & Speciation Team -
 Institute for Evolutionary Sciences, University of Montpellier, France

EDUCATION

- 2012 PhD, Evolutionary Biology, Human Evolutionary Biology Team, Institute for Evolutionary Sciences, University of Montpellier, France. Thesis: *Sexual selection and the evolution of cooperative behaviour in humans and the Mound-building mouse*
2009 Master's degree in Evolutionary Biology. Speciality: Biodiversity, Ecology & Evolution, University of Montpellier, France
2007 Bachelor's degree in Biology of Organisms, University of Montpellier, France

PUBLICATIONS

Articles

- 2018 **Tognetti, A.**, Yamagata-Nakashima, N., Faurie, C. & Oda, R. Are non-verbal facial cues of altruism cross-culturally readable? *Personality and Individual Differences* 127:139-143
2016 **Tognetti, A.**, Dubois, D., Faurie, C. & Willinger, M. Men increase contributions to a public good when under sexual competition. *Scientific Reports* 6:29819
2014 **Tognetti, A.**, Berticat, C., Raymond, M. & Faurie, C. Assortative mating based on cooperativeness and generosity. *Journal of Evolutionary Biology* 27(5):975-81
2013 **Tognetti, A.**, Berticat, C., Raymond, M. & Faurie, C. Is cooperativeness readable in static facial features? An inter-cultural approach. *Evolution and Human Behaviour* 34: 427-432
2012 **Tognetti, A.**, Berticat, C., Raymond, M. & Faurie, C. Sexual selection of human cooperative behaviour: an experimental study in rural Senegal. *PLoS ONE* 7(9): e44403

Book chapters

- 2016 Adrians, P., Alvergne, A., Andre, J-B., et al. Biologie évolutive humaine. In *Biologie Evolutive*, Thomas, F., Lefèvre, T. & Raymond M. (2nd Eds.). De Boeck, Bruxelles. pp 791-844

Manuscripts in review

Tognetti, A., Raymond, M., Ganem, G. & Faurie, C. Female mound-building mice prefer cooperative males even when cooperative behavior is unobserved

Manuscripts in preparation

Tognetti, A., Durand, V., Barkat-Defradas, M. & Hopfensitz, A. Does he sound cooperative? Acoustic correlates of cooperativeness

Tognetti, A., Romaniuc, R., Doat, D. & Dubois, D. The presence of a person in need does not increase cooperation: the case of physically disabled individuals

Tognetti, A., Suire, A., Durand, V., Raymond M. & Barkat-Defradas, M. Acoustic correlates of sexual orientation in men's speech

Linossier, J., **Tognetti, A.**, Rybak, F., Doutrelant, C. & Covas, R. Acoustic features of the cooperative breeding sociable weavers: sex, age & individuality

Ferreira, A. C., Doutrelant, C., Lardy S., Santos S. J., **Tognetti, A.**, et al. Transfer of care in a cooperative breeder is associated with benefits for parent and costs for young

AWARDS & GRANTS

2018	Research Grant – <i>Social & Cognitive Sciences of Collective Behaviours</i> , National Center for Scientific Research - CNRS (€15,000)
2017	Research Grant – <i>Social & Cognitive Sciences of Collective Behaviours</i> , National Center for Scientific Research - CNRS (€13,000)
2015	Godfrey Hewitt Mobility Award, European Society for Evolutionary Biology (€1980)
2014	Young Researcher Prize, Foundation des Treilles, France (€10,000)
2014	Travel grant, International Society of Behavioral Ecology, USA (\$1,500)
2012	Travel grant, International Society of Behavioral Ecology, Sweden (€1,500)
2009	PhD Scholarship, French Ministry of Advanced Education & Research, France

COLLABORATIVE RESEARCH PROJECTS

2016-	<i>The Cooperative Phenotype</i> , with A. Hopfensitz (IAST, Toulouse, France), M. Barkat & V. Durand (ISEM, Montpellier, France) and C. Ferdenzi (CRNL, Lyon, France)
2016-	<i>Genes & Cooperation</i> , with D. Pierron (AMIS, Toulouse, France) & H. Razafindrazaka (Aix-Marseille Univ., Marseille, France)
2016-	<i>Social behaviour & disable individuals</i> , with D. Doat (Catholic Univ. of Lille, France), D. Dubois (LAMETA, Montpellier, France) & R. Romaniuc (Catholic Univ. of Lille, France)
2014-	<i>Sexual selection and the evolution of cooperative breeding in the sociable weaver</i> , led by R. Covas (CIBIO, Portugal & FitzPatrick Institute, South Africa) & C. Doutrelant (CEFE, Montpellier, France & FitzPatrick Institute, South Africa)
2014-	<i>The evolution of male homosexuality</i> , led by M. Raymond (ISEM, Montpellier, France) & P.A. Crochet (CEFE, Montpellier, France)
2013-15	<i>Facial expressivity & cooperation</i> , with N. Nakashima & R. Oda (Nagoya Institute, Japan)
2011-15	<i>Sex composition & human cooperative behaviour</i> with D. Dubois & M. Willinger (LAMETA, Montpellier, France), C. Faurie & M. Raymond (ISEM, Montpellier, France)
2011-14	<i>Cooperation & paternal investment in the Mound-building mouse</i> , with D. Simeonovska (Univ. Sofia, Bulgaria) & G. Ganem, C. Faurie, & M. Raymond (ISEM, Montpellier, France)
2009-12	<i>Sexual selection & the evolution of human cooperation</i> , with C. Berticat, C. Faurie, & M. Raymond (ISEM, Montpellier, France)

INVITED TALKS

- 2016 Lille Catholic University, Laboratory for Experimental Anthropology: *Sexual selection and the evolution of cooperative behaviour in three social species*
- 2015 University of Paul Sabatier in Toulouse, Evolution & Biological Diversity laboratory: *Of mice & men: the role of sexual selection in the evolution of cooperation*
- 2015 Institut d'Etude de la Cognition, ENS, France (Paris): *Are altruistic men showing off?*
- 2014 University of Jean Jaures in Toulouse, Laboratoire Cognition, Langues, Langage, Ergonomie: *Of mice & men: the role of sexual selection in the evolution of cooperation*

CONFERENCE TALKS

- 2018 Tognetti, A., Durand, V., Barkat-Defradas, M. & Hopfensitz, A. *Does he sound cooperative? Acoustic correlates of cooperativeness*. European Human Behaviour and Evolution Association, Pécs (Hungary)
 - 2017 Tognetti, A., Durand, V., Barkat-Defradas, M. & Hopfensitz, A. *Does he sound cooperative?* Polish Society for Human & Evolution Studies, Krakow (Poland)
 - 2017 Tognetti, A., Raymond, M., Ganem, G. & Faurie, C. *Females prefer cooperative males based on cues different from cooperative behaviours: evidence from the Mound-building mouse, Mus spicilegus?* International Meeting of Chemical Signals in Vertebrates, Cardiff (UK)
 - 2016 Tognetti, A., Dubois, D., Faurie, C. & Willinger, M. *Men increase contributions to a public good when under sexual competition*. International Society of Human Ethology, Stirling (Scotland)
 - 2016 Tognetti, A., Raymond, M., Ganem, G. & Faurie, C. *Cooperativeness increases male mouse sex appeal*, Ecology & Behaviour, Lyon (France)
 - 2015 Tognetti, A., Dubois, D., Faurie, C. & Willinger, M. *Are altruistic men showing off?* International Meeting on Experimental and Behavioral Social Sciences, Toulouse (France)
 - 2014 Tognetti, A., Raymond, M., Ganem, G. & Faurie, C. *Is sexual selection involved in the maintenance of the cooperative mound-building in Mus spicilegus?* International Society of Behavioral Ecology, New-York (USA)
 - 2014 Tognetti, A., Berticat, C., Raymond, M. & Faurie, C. *Is cooperativeness readable in static facial features?* European Human Behaviour and Evolution Association, Bristol (UK)
 - 2014 Tognetti, A., Berticat, C., Raymond, M. & Faurie, C. *Assortative mating based on altruism*. Société d'Anthropologie de Paris, Montpellier (France)
 - 2013 Tognetti, A., Raymond, M., Ganem, G. & Faurie, C. *Is sexual selection involved in the maintenance of the cooperative mound-building in Mus spicilegus?* European Society of Evolutionary Biology, Lisboa (Portugal)
 - 2012 Tognetti, A., Berticat, C., Raymond, M. & Faurie, C. *Sexual selection of human cooperative behaviour: an experimental study in rural Senegal*. Human Behavior and Evolution Society, Albuquerque (USA)
 - 2012 Tognetti, A., Berticat, C., Raymond, M. & Faurie, C. *Sexual selection of human cooperative behaviour*. Association Française d'Economie Expérimentale, Montpellier (France)
 - 2012 Tognetti, A., Berticat, C., Raymond, M. & Faurie, C. *Sexual versus social selection of cooperative behaviour*. European Human Behaviour and Evolution Association, Durham (UK)
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CONFERENCE POSTERS

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| 2016 | Tognetti, A., Dubois, D., Faurie, C. & Willinger, M. <i>Are cooperative men showing off?</i> European Human Behaviour and Evolution Association, London (UK) |
| 2016 | Tognetti, A., Dubois, D., Faurie, C. & Willinger, M. <i>Men increase contributions to a public good when under sexual competition</i> , Economics and Biology Workshop, Toulouse (France) |
| 2014 | Tognetti, A., Berticat, C., Raymond, M. & Faurie, C. <i>Is altruism sexually selected?</i> International Society of Behavioral Ecology, New-York (USA) |
| 2014 | Tognetti, A., Berticat, C., Raymond, M. & Faurie, C. <i>Is altruism sexually selected?</i> Economics and Biology Workshop, Toulouse (France) |
| 2012 | Tognetti, A., Berticat, C., Raymond, M. & Faurie, C. 2012. <i>Sexual selection of human cooperative behaviour</i> , International Study of Behavioural Ecology, Lund (Sweden) |

TEACHING & SUPERVISION

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| 2018 | Supervisor, Antoine Aublin, Master's degree student, Evolutionary Biology, University of Montpellier |
| 2017 | Supervisor, Agnès Vergès, Master's degree student, Economics, Toulouse School of Economics/IAST |
| 2016 | Supervisor, Juliette Linossier, field assistant, South Africa |
| 2015 | Supervisor, Caterina Funghi, field assistant, South Africa |
| 2012 | Lecturer, Master Evolutionary Biology, Human Evolutionary Biology courses, University of Montpellier, France: <i>Evolution of human cooperation: from theory to fieldwork methods</i> (4h) |
| 2011 | Supervisor, P.Y. Biba-Nnouka, Bachelor's degree student, Biology, University of Montpellier |
| 2009-14 | Teaching Assistant, University of Montpellier: Genetics & Gametogenesis (17h), Embryology (36h), Biology of Organisms (27h) |

ACADEMIC SERVICE

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| 2017- | Organiser, <i>Human Evolutionary Biology Seminars</i> , ISEM, Montpellier, France |
| 2016 | Co-organiser, <i>4th Workshop Economics & Biology</i> , IAST, France |
| 2014-16 | Organiser, <i>Tuesday Lunch Seminars</i> , Institute for Advanced Study in Toulouse (IAST), France |
| 2014-15 | Organiser, <i>Journal Club</i> , Department of Biology & Anthropology, IAST, France |
| 2009-12 | Organiser, <i>Bioeconomics meeting</i> , LAMETA/ISEM, Montpellier, France |
| 2011 | Co-organiser, <i>Human Behavior and Evolution Society conference</i> , Montpellier, France |
| Reviewer | Proceedings of the Royal Society B, PlosOne, Behavioral Ecology And Sociobiology |

PROFESSIONAL AFFILIATIONS

Human Behavior and Evolution Society (HBES)
European Human Behaviour and Evolution Association (EHBEA)
European Society of Evolutionary Biology (ISEB)
European Society of Evolutionary Biology (ESEB)

Association for the Study of Animal Behaviour (ASAB)
French Association of Experimental Economics (ASFEE)

LANGUAGES

French (native); English (fluent); Spanish (basic)

PROFESSIONAL SKILLS

Software

Statistical computing in R, acoustics & vocal analyses in Avisoft & Praat

Fieldwork & Laboratory Skills:

Humans: Design of experimental paradigms using economics games in the field & in lab conditions, questionnaire to collect demographic information & measure some personality traits (self-report altruism scale, big-five), hormonal assays from saliva sample (testosterone & cortisol), collection of body odour, facial photographs, physical measurements, vocal analyses

Mice & birds: Capture of wild animals, blood collection, vaginal smears, mate preference tests, behavioural observations, song recordings, playback experiments, acoustics analyses, DNA extraction, PCR, DNA sequencing

FIELDWORK & LABORATORY EXPERIMENTS

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| 2014-16 | South Africa: fieldwork in the Benfontein Research Reserve in Kimberley for the Sociable Weaver Project (Sept-Nov 2014, Oct-Dec 2015, Aug-Oct 2016) |
| 2011 | Bulgaria: capture of wild mound-building mice in Pleven province (Sept) |
| 2010 | Senegal: fieldwork in 5 rural villages in Sine Saloum province (Oct-Nov) |
| 2008-17 | France: experimental paradigms in laboratory (Experimental Economics Lab in Montpellier: Feb-April 2009, April-Sept 2012, Oct 2016-Jan 2017) and naturalistic settings (Montpellier diverse public places: March-April 2008, Jan-June 2009, May-June 2011, July 2017) |

POPULARISATION

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| 2017-18 | Members of the Scientific Committee of the Museum of Natural History in Nantes |
| 2017 | Science popularisation event <i>The Kiosks: meeting researchers</i> (theme: Animal Buildings) in Toulouse Museum of Natural History |
| 2016 | Interview, IAST Connect #9, Sex Selection & Teamwork , pp.15 |
| 2016 | Press release, Reader's Digest - Is it love or something else? - October 2016 pp. 26-31 |
| 2014- | Organiser, popular science website <i>Des Pois et des Girafes</i> (coming soon) |
| 2011 | Presenter, <i>Campus Open Day</i> , University of Montpellier, France |

REFERENCES

Astrid Hopfensitz, Professor

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Michel Raymond, CNRS Researcher Director

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