

# Julie Duboscq

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UMR7206 Eco-anthropologie et Ethnobiologie  
Interactions Primates – Environnement  
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## intérêts scientifiques

transmission sociale au sein des sociétés de primates - coûts et bénéfices de la socialité - complexité, cognition et dynamique sociales - relation entre cognition, socialité et santé

## emplois

- 2019 **Chargée de recherche** (permanent) au CNRS – MNHN – Paris Diderot, Paris, France
- 2016-2018 **Chercheuse post-doctorale**, Kyoto University Wildlife Research Center & Primate Research Institute, Japon. Projet : « Connecting the dots: linking host behavior to parasite transmission and infection risk ». Financement : Japan Society for the Promotion of Science.
- 2013-2015 **Chercheuse post-doctorale**, Université de Strasbourg, Département Ecologie, Physiologie et Ethologie. Projet : « Social networks as a trade-off between information and disease transmission ». Financement : University of Strasbourg Institute of Advanced Studies.

## education

- 2013 **Doctorat en Sciences Naturelles**, Université de Göttingen (Allemagne) & Université de Strasbourg, financement : Volkswagen Foundation, Evolutionary Biology Initiative.  
titre de la thèse : « Social tolerance: novel insights from wild female crested macaques, *Macaca nigra* », directeurs: Antje Engelhardt, German Primate Center, Göttingen, & Bernard Thierry, Département Ecologie, Physiologie et Ethologie, IPHC, CNRS, Strasbourg.

## prix et bourses

- 2018 **346 000€** - bourse de recherche, Leverhulme Trust (*co-PI*)
- 2017 Marie Skłodowska-Curie « Seal of Excellence » (*attribué aux 15% les meilleurs*)
- 2017 **85 000€** – bourse postdoctorale, Japan Society for the Promotion of Science (*PI*)
- 2016 **42 000€** – bourse postdoctorale, Japan Society for the Promotion of Science (*PI*)
- 2009 **145 000€** – bourse doctorale, Volkswagen Foundation, Evolutionary Biology (*PI*)
- 2008 **2 000€** – prix conservation et recherche, Primate Conservation Inc. (*co-PI*)

## publications

- 2019** : **Duboscq J.**, Romano V., & MacIntosh A. in press. Social behavior and infectious diseases. In : *Encyclopedia of Animal Behavior*, Chun Choe J. (ed.), 2<sup>e</sup> édition, Elsevier Academic Press.
- 2018** : **Duboscq J.** 2018. Cognition sociale. In : *Cognition Animale*, Darmaillacq A. S. & Dickel L. (eds), Dunod, Paris, France. pp. 155-189.  
Balasubramaniam K. N., Beisner B. A., Berman C. M., De Marco A., **Duboscq J.**, Koirala S., Majolo B., MacIntosh A. J. J., McFarland R., Molesti S., Ogawa H., Petit O., Schino G., Sosa S., Sueur C., Thierry, B., de Waal, F. B. M., & McCowan, B. 2018. The influence of phylogeny, social style, and sociodemographic factors on macaque social network structure. *American Journal of Primatology*, 10.1002/ajp.22727.
- 2017** : **Duboscq J.** 2017. Diffusion studies. In: *Encyclopedia of Animal Cognition and Behavior*, Vonk J. & Shackelford T. (eds), Springer International Publishing, Cham, Switzerland. 10.1007/978-3-319-47829-6\_1593-1

- Duboscq J.**, Romano V., Sueur C. & MacIntosh A. 2017. One step at a time in investigating relationships between self-directed behaviours and parasitological, social and environmental variables. *Royal Society Open Science*, 4: 170461, doi: 10.1098/rsos.170461.
- Duboscq J.**, Neumann C., Perwitasari-Farajallah, D., Agil M., Thierry B. & Engelhardt A. 2017. Degrees of freedom in social bonds of female crested macaques. *Animal Behaviour*, 123 : 411-426, doi: 10.1016/j.anbehav.2016.11.010.
- 2016 :** **Duboscq J.**, Romano V., Sueur C. & MacIntosh A. 2016. Scratch that itch: revisiting links between self-directed behaviour and parasitological, social and environmental factors in a free-ranging primate. *Royal Society Open Science*, 3: 160571, doi: 10.1098/rsos.160571.
- Duboscq J.**, Romano V., MacIntosh A. & Sueur C. 2016. Social information transmission : Lessons from studies of social diffusion. *Frontiers in Psychology*, 7: 1147, doi:10.3389/fpsyg.2016.01147.
- Romano V., **Duboscq J.**, Sueur C. & MacIntosh A. 2016. Modelling infection transmission in primate networks to predict centrality-based risk. *American Journal of Primatology*, 78: 767-779, doi: 10.1002/ajp.22542.
- Duboscq J.**, Romano V., Sueur C. & MacIntosh A. 2016. Network centrality and seasonality predict lice load in a social primate. *Scientific Reports*, 6: 22095, doi: 10.1038/srep22095.
- 2015 :** **Duboscq J.** & Heeb P. 2015. Parasites, pathogènes, et réseaux dans les sociétés animales. In: *Analyse des réseaux appliquée à l'éthologie et à l'écologie*, Sueur C. (eds), Editions matériologiques, Paris, France. pp. 343-358.
- Duboscq J.**, Bret C. & Sosa S. 2015. Les réseaux chez les primates non humains. In: *Analyse des réseaux appliquée à l'éthologie et à l'écologie*, Sueur C. (eds), Editions matériologiques, Paris, France. pp. 261-290.
- 2014 :** **Duboscq J.**, Agil M., Engelhardt A. & Thierry B. 2014. The function of post-conflict interactions: novel insights from a tolerant species of primate. *Animal Behaviour*, 87: 107-120, doi: 10.1016/j.anbehav.2013.10.018.
- 2013 :** **Duboscq J.**, Micheletta J., Agil M., Hodges J. K., Thierry B. & Engelhardt A. 2013. Social tolerance in wild female crested macaques, *Macaca nigra*, in Tangkoko-Batuangus Nature Reserve, Sulawesi, Indonesia. *American Journal of Primatology*, 75: 361-375, doi: 10.1002/ajp.22114.
- 2012 :** Micheletta J., Waller B., Panggur M., Neumann C., **Duboscq J.**, Agil M. & Engelhardt A. 2012. Social bonds affect anti-predator behaviour in a tolerant species of macaque, *Macaca nigra*. *Proceedings of the Royal Society B: Biological Sciences*, 279: 4042-4050, doi: 10.1098/rspb.2012.1470.
- 2011 :** Neumann C., **Duboscq J.**, Dubuc C., Ginting A., Irwan A., Agil M., Widdig A. & Engelhardt A. Assessing dominance hierarchies: validation and advantages of progressive evaluation with Elo-rating. *Animal Behaviour*, 82: 911-921, doi: 10.1016/j.anbehav.2011.07.016.
- 2010 :** Sèbe F., **Duboscq J.**, Aubin T., Ligout S. & Poindron P. 2010. Early vocal recognition of mother by lambs: contribution of low- and high-frequency vocalizations. *Animal Behaviour*, 79: 1055-1066, doi: 10.1016/j.anbehav.2010.01.021.
- 2008 :** **Duboscq J.**, Neumann C., Perwitasari-Farajallah D. & Engelhardt A. 2008. Daytime birth of a baby crested black macaque (*Macaca nigra*) in the wild. *Behavioural Processes*, 79: 81-84, doi: 10.1016/j.beproc.2008.04.010.