

BILAN DES PRODUITS DE LA RECHERCHE

UMR MECADEV

Journaux / revues

*N.B.: sont soulignés les membres de l'Unité et en gras les doctorants et masters. * = membre de l'Unité en premier ou dernier auteur.*

Articles scientifiques

BIOADAPT

2012

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- GHISLAIN M., GIMENEZ O., JIGUET F., LUCZAK C. & HENRY P.-Y. - 2013. *Projet DEMOSPACE : Réponses démographiques des oiseaux aux changements globaux dans l'espace: des tendances nationales à la gestion locale*. Le changement climatique: des impacts régionaux aux pistes d'adaptation du Nord-Pas de Calais à l'Eurorégion. 12/12/2013, Conseil Régional du Nord-Pas de Calais, Lille, France. Poster.
- HENRY P.-Y., CANALE C.I., HUET M. & HUCHARD E. - 2013. *Condition dependence of female investment in polyandry and reproductive effort in a small primate*. Colloque d'EcoPhysiologie Animale, 7-9/11/2013, Lyon, France.
- HOUMMADY S., VIEIRA I., GILBERT C. & DESQUILBET L. - 2013. *Facteurs environnementaux et agressivité chez le chien*. 2ème Symposium International d'Ethologie Vétérinaire, Société d'Ethologie Européenne Vétérinaire des Animaux Domestiques, Lyon, France, 1-3 Novembre 2013. Poster.
- JEANNIN S., REBY D., GILBERT C. & LEBOUCHER G. - 2013. *La communication vocale entre l'homme et le chien de compagnie*. 2ème Symposium International d'Ethologie Vétérinaire, Société d'Ethologie Européenne Vétérinaire des Animaux Domestiques, Lyon, France, 1-3 Novembre 2013.
- HOUMMADY S., PERON F., BERNARD B., JULLIEN L., DESQUILBET L., TITEUX E., GRANDJEAN D. & GILBERT C. - 2013. *Traits comportementaux et performance chez le chien de travail*. 2ème Symposium International d'Ethologie Vétérinaire, Société d'Ethologie Européenne Vétérinaire des Animaux Domestiques, Lyon, France, 1-3 Novembre 2013. Poster.
- KOCH J.E., ROY M., CARDOSO C., MALGORN C., HERARD A.S., VANDESQUILLES M., PERRET M., AUJARD F. & DHENAIN F. - 2013. *Effects of aging and treatment with a beta-secretase inhibitor in transgenic mice and in mouse lemur primates*. Society for Neuroscience Meeting (SFN), 9-13 November 2013, San Diego, USA.
- LANGUILLE S., DJELTI F., BARRIER M., ESTRELLA C., PICQ J.-L., DIX S., DE BARRY J., RICHARDSON J.C., PIFFERI F., VERWAERDE P., SCHENKER E., LESTAGE P. & AUJARD F. - 2013. *Assessment of cognitive deficits and blood biomarkers of neurodegenerative disease progression in an aged non human primate*. International Conference on Alzheimer's Disease (ICAD), 13-18 July 2013, Boston, USA. Poster.
- LE TALLEC T. - 2013. *Lumière naturelle, lumière artificielle et biodiversité* - Séminaire de l'Association Française d'Eclairagisme, Clermont-Ferrand, France.
- LE TALLEC T., PERRET M. & THÉRY M. - 2013. *Light pollution at night advances reproductive function in a nocturnal primate*. SEB Annual Meeting, Valence, Espagne, 3-6 juillet 2013.
- LE TALLEC T., PERRET M. & THÉRY M. 2013. *Light pollution at night modifies the expression of biological rhythms and behaviours in a nocturnal primate*. 11th INTECOL Congress, Londres, Royaume-Uni, 18-23 août 2013.
- LE TALLEC T., PERRET M. & THÉRY M. - 2013. *Light pollution at night modifies the expression of biological rhythms and behaviours in a nocturnal primate*. 1st International Conference on Artificial Light at Night, Berlin, Allemagne, 28-30 octobre 2013.

- LE TALLEC T., PERRET M., THERY M. - 2013. *Light pollution modifies the expression of biological rhythms and behaviours in a nocturnal primate*. Colloque d'EcoPhysiologie Animale, Lyon, France, 7-9 novembre 2013.
- LE TALLEC, T., PERRET, M. & THERY, M. - 2013. *Impacts de la pollution lumineuse sur les rythmes biologiques, les comportements et les fonctions physiologiques d'un primate non humain, Microcebus murinus* - Colloque d'EcoPhysiologie Animale, Lyon, France.
- MARCHAL J., TOSCANI C., PIFFERI F., AUJARD F. - 2013. *Resveratrol effect on thermoregulatory response to cold temperature in the heterothermic primate Microcebus murinus*. 1^{er} Colloque d'Ecophysiologie Animale (CEPA), 7-9 novembre 2013, Lyon. Poster.
- PIFFERI F. & AUJARD F. - 2013. *Stratégies nutritionnelles anti-vieillesse chez un primate non-humain, le microcèbe*. UPMC-Hôpital Saint-Antoine, 21 janv. 2013, Paris, France.
- RAHMAN A., PIFFERI F., LAMBERTY Y., SCHENKER E., SPEDDING M., BORDET R., RICHARDSON J.C. & AUJARD F. - 2013. *The effect of donepezil and memantine on impaired spatial memory performances in a non-human primate, the grey mouse lemur*. Society for Neuroscience Meeting (SFN), 9-13 November 2013, San Diego, USA. Poster.
- RAHMAN A., PIFFERI F., LAMBERTY Y., SCHENKER E., SPEDDING M., BORDET R., RICHARDSON J.C. & AUJARD F. - 2013. *The effect of donepezil and memantine on impaired spatial memory performances in a non-human primate, the grey mouse lemur*. Society for Neuroscience Meeting (SFN), 9-13 November 2013, San Diego, USA. Poster.
- RAHMAN A., PIFFERI F., LAMBERTY Y., SCHENKER E. & AUJARD F. - 2013. *Donepezil prevented the cognitive impairment induced by sleep deprivation in a non-human primate, the grey mouse lemur*. AAIC Alzheimer Association International Congress, 13-18 July 2013, Boston, USA. Poster.
- RAHMAN A., TARRAGON-CROS E., HERRERO M.T., BERTINI G., PELLITTERI M., FABENE P., COLAVITO V., BENTIVOGLIO M., LAMBERTY Y., BABILONI C., BORDET R., AUFFRET A., SCHENKER E., RICHARDSON J.C., AUJARD F. & PIFFERI F. - 2013. *Use of sleep deprivation as a translatable challenge to induce cognitive impairment in rodents and non-human primates: An IMI PHARMACOG initiative*. AAIC Alzheimer Association International Congress, 13-18 July 2013, Boston, USA. Poster.
- RODGERS, G., THÉRY, M., BELE MBOU, M., BAYLE, F., SOURICE, S. & SECONDI J. - 2013. *Species recognition in heterogeneous sensory environments*, 14th Congress of the European Society for Evolutionary Biology, Lisbonne, Portugal.
- SEMBLAT R., DUROZEY M. & GILBERT C. - 2013. *Impact du stress du spectacle chez le cheval : indicateurs physiologiques et comportementaux*. 2^{ème} Symposium International d'Ethologie Vétérinaire, Société d'Ethologie Européenne Vétérinaire des Animaux Domestiques, Lyon, France, 1-3 Novembre 2013. Poster.
- TARRAGON E., LOPEZ D., ESTRADA C., ROS-BERNAL F., GONZALEZ-CUELLO A., LAMBERTY Y., PIFFERI F., BORDET R., RICHARDSON J.C. & HERRERO M.T. - 2013. *Memantine prevents the reference and working memory impairment caused by sleep deprivation in Octodon degus, a potential animal model for Alzheimer's disease*. AAIC Alzheimer Association International Congress, 13-18 July 2013, Boston, USA. Poster.
- THÉRY M., GOMEZ D., RICHARDSON C. & LENGAGNE T. - 2013. *Animal colour vision at night: the case of a tree frog*. A symposium on colour vision in memory of Yves Le Grand, 18-19 avril 2013, Paris, France.
- TOSCANI C., GALLON S., MCCAFFERTY D.J., ANCEL A. & GILBERT C. - 2013. *Energetics of huddling and moult in southern elephant seals*. Colloque d'Ecophysiologie Animale, Lyon, France, 7-9 Novembre 2013. Poster.
- VUARIN P., DAMMHAHN M. & HENRY P.-Y. - 2013. *Torpor-based compensation of energy shortage: a review of evidences from field experiments*. Annual meeting of the Society of Integrative and Comparative Biology, symposium 'Coping with uncertainty: integrating physiology, behavior and evolutionary ecology in a changing world', 2-7/01/2013, San Francisco, USA.
- VUARIN P., DAMMHAHN M. & HENRY P.-Y. - 2013. *Heterothermy fine-tuning according to food availability in the wild: a review of field evidence and a test with a tropical heterothermic primate*. Colloque d'EcoPhysiologie Animale, 7-9/11/2013, Lyon, France.
- ARIAS M., LE POUL Y., CHOUTEAU M., THERY M. & LLAURENS V. 2014. *Do predators exert selection on dominance of the wing color pattern locus in a mimetic butterfly?* 1st Young Natural History researchers' meeting, Muséum National d'Histoire Naturelle, Paris.
- ARIAS M., LE POUL Y., CHOUTEAU M., THERY M. & LLAURENS V. 2014. *Do predators exert selection on dominance of the wing color pattern locus in a mimetic butterfly?* 10th Ecology and Behaviour meeting, Montpellier.

- CHAISE L., TOSCANI C., GALLON S., MCCAFFERTY D., ANCEL A. & GILBERT C. - 2014. *Habitat use and movement patterns of Southern elephant seals during their moult*. 5th Bio-logging Science Symposium, Strasbourg, France. Poster.
- CHAUVEAU F., SÉRUSCLAT A., BROISAT A., CANET-SOULAS E., GELOEN A., WIART M., LANGLOIS J.-B., AUJARD F., PERRET M., DHENAIN M. & NIGHOGHOSSIAN N. - 2014. *Ultrasound evidence of atherogenesis in mouse lemur primates*. European Molecular Imaging Meeting (EMIM), 4-6 June 2014, Anvers, Belgique. Poster.
- DJELTI F., LANGUILLE S., BARRIER M., ESTRELLA C., PICQ J.-L., DIX S., DE BARRY J., RICHARDSON J., PIFFERI F., VERWAERDE P., SCHENKER E., LESTAGE P. & AUJARD F. - 2014. *Assessment of cognitive deficits and blood biomarkers of neurodegenerative disease in non human primate*. 9th FENS Forum for Neuroscience (FENS), 5-9 July 2014, Milan, Italy. poster.
- GALLON S., CHAISE L., MCCAFFERTY D., TOSCANI C., ANCEL A. & GILBERT C. - 2014. *The moult in southern elephant seals : the cost of losing it all*. 5th Bio-logging Science Symposium, Strasbourg, France. Poster.
- HENRY P.-Y., CANALE C. & VUARIN P. - 2014. *Which are the individuals with the most resilient metabolism to climatic constraints?* HETEROCLIM workshop: The response of organisms to climate change in heterogeneous environments, 10-13/06/2014, Loches, France. Poster.
- HENRY P.-Y. & GHISLAIN M. - 2014. *Réponses démographiques des oiseaux aux changements globaux dans l'espace : des tendances nationales à la gestion locale*. Colloque 'Au croisement de la recherche et des territoires : 28 projets au service de la biodiversité', 3-4/11/2014, Région Nord-Pas de Calais, Lille, France.
- HENRY P.-Y., VUARIN P. & DAMMHAHN M. - 2014. *Surface temperature as a proxy for internal temperature through neck collars in mouse lemurs*. 5th Bio-logging Symposium, workshop 'Body temperature measurement in free ranging animals', 21-26/09/2014, Strasbourg, France.
- HOUMMADY S., PÉRON F., DESQUILBET L., JULLIEN L., BERNARD B., TITEUX E., GRANDJEAN D. & GILBERT C. - 2014. *Behavioral traits and performances of working dog-human dyads. To match or not to match?* ISAZ 2014, Animals and Humans together: Integration in Society, Vienne, Autriche, 19-22 Juillet 2014. Poster.
- JEANNIN S., GILBERT C., REBY D., LÉBOUCHER G. - 2014. *The vocal communication between human and domestic dog*. ISAZ 2014, Animals and Humans together: Integration in Society, Vienne, Autriche, 19-22 Juillet 2014.
- JEANNIN S., GILBERT C., REBY D. & LÉBOUCHER G. - 2014. *La communication vocale entre l'homme et le chien de compagnie*. 44^{ème} Colloque de la SFECA, Nanterre, France, 8-10 Juillet 2014.
- LANDES J., HENRY P.-Y., CAMARDA C.G., HARDY I., PERRET M. & PAVARD S. - 2014. *Accelerated seasonal rhythm leads to accelerated aging in a primate species*. EvOs/DevOs, 2nd annual meeting of the Evolutionary Demography Society, Stanford University, USA, 10-12/11/2014.
- LE MOAL C., TITEUX E., MESPOULHES C., ROBERT C., WIGGERS L., DIEDERICH C. & GILBERT C. - 2014. *L'enrichissement du milieu chez le cheval hospitalisé*. Colloque international "Equi-meeting infrastructures", Haras national du Lion d'Angers, Angers, 06-07 octobre 2014. Poster.
- LE TALLEC, T. - 2014 *Lumière, santé humaine et biodiversité* - L'Ecole Bleue (école d'architecture), Paris, France.
- LE TALLEC, T., PERRET, M. & THÉRY, M. - 2014. *Reproductive function out-of-season in male mouse lemurs exposed to light pollution*. Annual Congress of the Society for Experimental Biology, Manchester, UK.
- LE TALLEC, T., PERRET, M. & THÉRY, M. - 2014. *Lumière artificielle, pollution lumineuse et santé humaine*. 1er colloque international « Bien-Etre en Ville : regards croisés nature-santé », Lyon, France.
- LE TALLEC, T., THÉRY, M. & PERRET, M. - 2014. *Impacts de la pollution lumineuse sur la fonction reproductive et les rythmes journaliers chez un primate nocturne*. 44^{ème} congrès de la Société Francophone de Chronobiologie, Paris, France.
- MARTIN M., SECONDI J., RODGERS G. & THÉRY M. 2014. *Maladaptive visual species recognition in heterogeneous habitat and hybridization in sympatric newt species*. Congress of the International Society for Behavioral Ecology, New York City, USA.
- PIFFERI F., DORIEUX O., ALESSANDRI J.-M., GUESNET P., DHENAIN M. & AUJARD F. - 2014. *Omega-3 fatty acids increase brain glucose uptake but not brain glucose metabolism in a non-human primate (Microcebus murinus)*. Forum européen de Neurosciences, 5-9 July 2014, Milan, Italie. Poster.
- RAHMAN A., LAMBERTY Y., SCHENKER E., BORDET R., RICHARDSON J., AUJARD F. & PIFFERI F. - 2014. *The effect of donepezil and memantine on sleep deprivation-induced impairment of spatial memory performances in the non-human primate grey mouse lemur*. 9th FENS Forum for Neuroscience (FENS), 5-9 July 2014, Milan, Italy. Poster.

- SECONDI J., MARTIN M., GOVEN D., MÈGE P., RODGERS G., SOURICE S., ÖDEEN A. & THÉRY M. - 2014. *Phenotypic plasticity of UV vision in newts*. Congress of the International Society for Behavioral Ecology, New York City, USA.
- THOMAS P., POUYDEBAT E., HERREL A. & AUJARD F. - 2014. *Dimorphisme sexuel dans la force de morsure et de préhension chez le Microcèbe (Microcebus murinus) et héritabilité des caractères*. 27^{ème} Colloque de la Société Francophone de Primatologie (SFDP), 5-7 novembre 2014, Poitiers.
- TOSCANI C., VUARIN P., CHAISE L., GALLON S., MCCAFFERTY D., ANCEL A. & GILBERT C. - 2014. *Energetics of moult and huddling in Southern elephant seals*. 10^{èmes} Journées Scientifiques du CNFRA (Comité National Français des Recherches Arctiques et Antarctiques), Paris, France. Poster.
- VILLAIN N., PIFFERI F. & AUJARD F. - 2014. *Impact d'une restriction calorique aigüe sur la synchronisation de l'horloge biologique en tant que marqueur de la plasticité comportementale innée chez un primate nocturne*. 44^{ème} Colloque de la Société Francophone de Chronobiologie (SFC), 29-31 octobre 2014, Paris. Poster.
- ARIAS M., LE POUL Y., CHOUTEAU M., THERY M. & LLAURENS V. 2015. *Do predators exert selection on dominance of the wing color pattern locus in a mimetic butterfly?* Réunion du groupe Adaptation chez les Lépidoptères, Montpellier.
- ARIAS M., MAPPES J., THERY M. & LLAURENS V. 2015. *Can the variation on toxic levels explain the evolution of different warning signal strategies?* 2nd Young Natural History researchers' meeting, Muséum National d'Histoire Naturelle, Paris.
- BABILONI C., DEL PERCIO C., LOPEZ S., PIFFERI F., RAHMAN A., LAMBERTY Y. & AUJARD F. - 2015. *EEG markers in adult gray mouse lemurs before and after sleep deprivation*. Alzheimer's Association International Conference (AAIC), 18-23 July 2015, Washington DC, USA.
- CHAISE L., PRINET I., MCCAFFERTY D., TOSCANI C., GALLON S., VUARIN P., ANCEL A. & GILBERT C. - 2015. *Huddling of Southern elephant seals during their moult*. 11^{èmes} Journées Scientifiques du CNFRA (Comité National Français des Recherches Arctiques et Antarctiques), Paris, France.
- CHAISE L., PRINET I., TOSCANI C., GALLON S., MCCAFFERTY D., VUARIN P., O'TOOLE M., ANCEL A. & GILBERT C. - 2015. *Movement patterns and habitat selection of Southern elephant seals during their moult*. 11th Meeting - Ecology and Behaviour, Toulouse, France. Poster.
- DUBOS N., HENRY P.-Y., DEHORTER O., TEPLITSKY C., ROBERT A., JULLIARD R. & LE VIOL I. - 2015. *Body size decline and climate warming: from theory to data*. 2nd Young Natural History scientists's Meeting, 4-6/02/2015, MNHN, Paris, France. Poster.
- DUBOS N., LE VIOL I., ROBERT A., TEPLITSKY C., DEHORTER O. & HENRY P.-Y. - 2015. *Body size and climate change: long term climatic reaction norms of songbirds*. European Congress of Macroecology, 14-16/06/2015, Copenhagen, Denmark.
- GARY C., KOCH J.E., PETIT F., HANSS Z., RAHMAN A., EDDARKAOUI S., SAWIAK S.J., HERARD A.-S., DESLYS J.-P., FRENCH NEUROPATHOLOGY NETWORK, BUÉE L., COMOY E., PICQ J.-L., PIFFERI F. & DHENAIN M. - 2015. *GluCEST imaging in a primate model of Alzheimer's disease*. 23rd annual meeting of the International Society for Magnetic Resonance in Medicine, 30 May-5 June 2015, Toronto, Canada. Poster.
- HENRY P.-Y. - 2015. *Mouse lemurs, models for phenotypic flexibility research*. 2nd Mouse Lemur workshop, 8-9/10/2015, Paris, France.
- HENRY P.-Y. - 2015. *Assessing large-scale responses of common passerines to climatic anomalies: ongoing projects using French Constant ringing Effort Sites data*. General Meeting of the European Union of Ringing Centres (EURING), 24-25/09/2015, San Sebastian, Spain.
- HENRY P.-Y. - 2015. *Torpeur et hibernation: un avantage pour répondre aux changements climatiques ?* Cycle de conférences 'Changements climatiques et biodiversité', MNHN - COP21, 14/12/2015, Paris, France.
- HENRY P.-Y. - 2015. *Torpeur et hibernation: exaptations aux changements climatiques ?* Colloque d'EcoPhysiologie Animale, 4-6/11/2015, La Rochelle, France.
- HENRY P.-Y., BONNET X., SEON-MASSIN N., JACQUIER M. & DE LUZE A. - 2015. *Formation à l'utilisation d'animaux à fins scientifiques de la faune sauvage non-hébergée*. Colloque d'EcoPhysiologie Animale, 4-6/11/2015, La Rochelle, France.
- HENRY P.-Y., GILLES J. & FABRA-PUCHOL M. - 2015. *Towards dynamic buildings: bioinspiration from animal thermodynamics*. Colloque Recherches Bio-Inspirées, MNHN - Centre Européen d'Excellence en Biomimétisme de Senlis, 16-17/12/2015, Paris, France.
- HOUMMADY S., HUA J., LEROUX D., LAGRANGE I., BARTHELEMY I., FOURNEL C., CHETBOUL V., BELLIER S., GILBERT C. & DESQUILBET L. - 2015. *Seniordog : Une cohorte pour étudier la fragilité et le vieillissement cognitif*

chez le chien. 3^{ème} symposium SEEVAD 2015 (Sélection et comportement. Quelles influences ? Quelles conséquences ?), Paris, Novembre 2015. Poster.

- HOUMMADY S., HUA J., MULLER C., POUCHELON J.L., BLONDOT M., GILBERT C., ABOURACHID A. & DESQUILBET L. - 2015. *Risk factors for mortality in aged guide dogs*. ECVIM 2015 (Congrès de médecine interne des animaux de compagnie), Paris, France. Poster.
- HOUMMADY S., PERON F., DESQUILBET L., JULLIEN L., BERNARD B., TITEUX E., GRANDJEAN D. & GILBERT C. - 2015. *Personality and performances of search dog-human dyads : To match or not to match? - A preliminary study*. International Working Dog Congress, Montpellier, France, 23-26 mars 2015.
- JEANNIN S., REBY D., GILBERT C. & LÉBOUCHER G. - 2015. *La communication vocale dans la relation Homme-chien de compagnie*. 3^{ème} symposium SEEVAD 2015 (Sélection et comportement. Quelles influences ? Quelles conséquences ?), Paris, Novembre 2015.
- LANDES J., HENRY P.-Y., CAMARDA C.G., HARDY I., PERRET M., & PAVARD S. - 2015. *Accelerated seasonal rhythm leads to accelerated aging in a primate species*. Young Natural History scientists's Meeting, 4-6/02/2015, MNHN, Paris, France. Poster.
- LE MOAL C., TITEUX E., MESPOULHES C., ROBERT C., WIGGERS L., DIEDERICH C. & GILBERT C. - 2015. *L'enrichissement du milieu chez le cheval hospitalisé - Étude éthologique*. Journée Ethologie, ENE, Saumur, France, 09 avril 2015.
- PIFFERI F., DORIEUX O., CATELLANO C.-A., CROTEAU E., MASSON M., GUILLERMIER M., VAN CAMP N., GUESNET P., ALESSANDRI J.M., CUNNANE S.C., DHENAIN M. & AUJARD F. - 2015. *Impact of omega-3 fatty acids on brain glucose metabolism and cognitive functions in a non-human primate (Microcebus murinus)*. Lipids and Brain, 16-18 mars 2015, Paris, France. Poster.
- VAN CAENEGEM N., HOUMMADY S., CHEVEAU L., DESQUILBET L. & GILBERT C. - 2015. *Clinical assesement of canine cognitive dysfunction*. 3^{ème} symposium SEEVAD 2015 (Sélection et comportement. Quelles influences ? Quelles conséquences ?), Paris, Novembre 2015.
- VILLAIN N., PIFFERI F. & AUJARD F. - 2015. *Impact of a short-term caloric restriction on learning and memory in a small Malagasy primate*. 11th Ecology and Behaviour Congress, 17-21 May 2015, Toulouse, France.
- BEDOSSA T., GILBERT C. JEANNIN S. - 2016. *Apports de l'Éthologie, de la médecine vétérinaire et des sciences humaines dans l'approche des comportements « gênants » chez le chien*. Colloque Dog Revolution, Nanterre, France, 1-3 Octobre 2016.
- CHAISE L., PATERSON W., DELALANDE L., GALLON S., LASKE T., MCCAFFERTY D., ANCEL A. & GILBERT C. - 2016. *Combination of heart rate, body temperature and accelerometry for behavioural study of Southern elephant seals during the moult*. 12th Meeting - Ecology and Behaviour, Lyon, France.
- DIEDERICH, C. & GILBERT C. - 2016. *Characterisation of impulsivity of dog (Canis lupus familiaris)*. Congrès ECAWBM, Congrès européen Animal Welfare et Behavioural Medicine, Cascais, Portugal, 20-22 Octobre 2016.
- DUBOS N., LE VIOL I., ROBERT A., TEPLITSKY C., DEHORTER O., GHISLAIN M., JULLIARD R. & HENRY P.-Y. - 2016. *Body size and climate: long term climatic reaction norms in temperate songbirds*. Conference 'Species on the Move', 9-12/02/2016, Hobart, Australia.
- DUBOS N., LE VIOL I., ROBERT A., TEPLITSKY C., DEHORTER O., GHISLAIN M., JULLIARD R. & HENRY P.-Y. - 2016. *Climate anomalies and body size of temperate song birds: Bergmann's rule is ruled out, rainfall and primary production matter*. 3rd Young Natural History scientists's Meeting, 2-6/02/2016, MNHN, Paris, France. Poster.
- GARY C., KOCH J.E., PETIT F., HANSS Z., RAHMAN A., EDDARKAOU S., SAWIAK S.J., HERARD A.-S., DESLYS J.-P., FRENCH NEUROPATHOLOGY NETWORK, BUÉE L., COMOY E., PICQ J.-L., PIFFERI F. & DHENAIN M. - 2016. *Alzheimer brain inoculation induces functional and morphological alterations in primates*. Alzheimer's Association International Conference, July 22-28, Toronto, Canada. Poster.
- HENRY P.-Y. - 2016. *Setting a wildlife animal research training in France*. Annual meeting of the Nordic Consortium of Laboratory Animal Science Education and Training, 30/11/2016, Stockholm, Sweden.
- JEANNIN S., BEDOSSA T., TITEUX E. & GILBERT C. - 2016. *How can psychology science improve behavioral veterinary medicine?* International Association of Human-Animal Interaction Organizations, Paris, France, 11-13 juillet 2016.
- LE MOAL C., TITEUX E., MESPOULHES C., ROBERT C., WIGGERS L., DIEDERICH C. & GILBERT C. - 2016. *L'enrichissement du milieu chez le cheval hospitalisé - Étude éthologique*. Journée de la Recherche Equine, 17 mars 2016. Poster.
- LE MOAL C., TITEUX E., ROBERT C. & GILBERT C. - 2016. *Enrichment in hospitalized horses improve welfare*. Congrès ECAWBM, Congrès européen Animal Welfare et Behavioural Medicine, Cascais, Portugal, 20-22 Octobre 2016. Poster.

- PIFFERI F. - 2016. *Challenges énergétiques et rythmes circadiens chez un primate non-humain, le Microcèbe*. 45^{ème} congrès de la Société francophone de Chronobiologie, 14-16 sept. 2016, Strasbourg, France.
- THERY M., MARTIN M., RODGERS G., MEGE P., SECONDI J. - 2016. *The importance of UV wavelengths for behavioural ecology of newts*. Congress of the International Society for Behavioral Ecology, Exeter, UK.
- TITEUX E. & GILBERT C. - 2016. *Repetitive behaviours in cats as indicators of poor welfare*. Congrès ECAWBM, Congrès européen Animal Welfare et Behavioural Medicine, Cascais, Portugal, 20-22 Octobre 2016.
- VILLAIN N., PICQ J.-L., PIFFERI F. & AUJARD F. - 2016. *Link between body condition and cognitive performance in a primate under acute caloric restriction*. 10th FENS Forum for Neuroscience (FENS), 2-6 July 2016, Copenhagen, Denmark. Poster.
- ZIMMERMANN R., HO A.C.L., RAJAN R., PIFFERI F., AUJARD F. & HUBER D. - 2016. *Functional organization of the visual cortex in Microcebus murinus*. 10th FENS Forum for Neuroscience (FENS), 2-6 July 2016, Copenhagen, Denmark. Poster.

FUNEVOL

- ABOURACHID A. - 2012. Locomotor modules and the evolution of the tetrapod body plans., 4eme Quatrième Symposium Georges Cuvier, Fossiles evolution Mouvements Montbéliard Octobre 2012.
- BARDO A., MEUNIER H. & POUYDEBAT E. - 2012. Effet de la tâche et de la posture corporelle sur la préférence manuelle des bonobos. Société Francophone de Primatologie, Lyon.
- BONNEAU N., DUTEL H., PROVINI P. & REGHEM E. - 2012. Forme, à la fonction sérieuse, recherche de son évolution. 18ème Congrès du Bureau des Doctorants et Etudiants du Mnhn (Paris, France).
- FABRE A-C, SLATER G., CORNETTE R., PEIGNE S., GOSWAMI A. & POUYDEBAT E. - 2012. Getting a grip on the evolution of grasping in carnivores: a three-dimensional analysis of forelimb shape. International Symposium Form, Paris, France; 28-30 novembre. Oral presentation.
- FABRE A-C, CORNETTE R., SLATER G., ARGOT C., PEIGNÉ S., GOSWAMI A. & POUYDEBAT E. - 2012. Getting a grip on the evolution of grasping in carnivores: a three-dimensional analysis of forelimb shape. 10th Annual meeting of the London Evolutionary Research Network Conference, Londres, Royaume-Uni ; 6 novembre. Poster presentation.
- HERREL A. & CORNETTE R. - 2012. The evolution of form and function in the greater white-toothed shrew. Society for Integrative and Comparative Biology, Charleston SC, USA. Oral presentation.
- POUYDEBAT E. & KIVELL T. - 2012. Saisir des branches et des outils : l'évolution de la main humaine. Société Francophone de Primatologie, Lyon.
- POUYDEBAT E. - 2012. Grasping behavior in primates: introduction for a complex function. 24th XIV congress of the international primatological society, Cancun, Mexique
- POUYDEBAT E. & T. Kivell - 2012. Grasping trees and tools: the evolution of the human hand. 24th XIV congress of the international primatological society, Cancun, Mexique.
- PROVINI P. & ABOURACHID A. - 2012. Relative role of hindlimbs and forelimbs during take-off in different species of birds Annual Meeting of the Society-for-Integrative-and-Comparative-Biology, Charleston USA Janvier 2012.
- PROVINI P. & ABOURACHID A. - 2012. Pelvic system of birds and the origin of flight 4eme Symposium Georges Cuvier, Fossiles evolution Mouvement Montbéliard Octobre 2012.
- PROVINI P., TOBALSKE B.W., CRANDELL K.E., BIEWENER A.A. & ABOURACHID A. - 2012. Biomechanical analysis of take-off in two species of birds. SEB Meeting 2012 (Salzburg, Austria).
- PROVINI P. & ABOURACHID A. - 2012. Morphometrics of the trunk and hind limbs in avian and non-avian theropods and their implications for the origin of flight. Colloque FORM 2012 (Paris, France).
- REGHEM E., CHEZE L. & POUYDEBAT E. - 2012. Biomécanique de la préhension chez les primates. Société Francophone de Primatologie, Lyon.
- REGHEM E., CHEZE L. & POUYDEBAT E. - 2012. Common grasping principles to capuchins, chimpanzees and humans : implications for evolution and robotics. 24th XIV congress of the international primatological society, Cancun, Mexique.
- VANHOODYONCK, B. & HERREL A. - 2012. The growing dewlap - comparing growth trajectories in sexually and naturally selected traits in male and female *Anolis baracoae*. Society for Integrative and Comparative Biology, Charleston SC, USA. Oral presentation.

- VERVUST B., HUYGHE K., VANHOODYDONCK B., HERREL A., BACKELJAU T. & VAN DAMME R. - 2012. Rapid divergence in morphology, physiology and behaviour among island populations of lizards. Society for Integrative and Comparative Biology, Charleston SC, USA. Oral presentation.
- ABOURACHID A., HACKERT R., PROVINI P., CORNETTE R. & DECAMPS T. - 2013. The bird bauplan and its locomotor plasticity: the case of hopping in passerine birds. International congress of vertebrate morphology Barcelonne, Espagne Juillet 2013.
- ABOURACHID A., MAES L. - 2013. Gait transitions and modular organization of mammal locomotion International congress of vertebrate morphology Barcelonne, Espagne Juillet 2013.
- ABOURACHID A., DECAMPS T., HACKERT R., HERREL A., CORNETTE R. - 2013. Pourquoi les oiseaux sautillent -ils? Club Locomotion et Motricité Rythmique. Paris Septembre 2013.
- ABOURACHID A. - 2013. La marche des oiseaux aux dinosaures. Journées de la Société de Biologie Montpellier Octobre 2013.
- BARDO A., MEUNIER H., POUYDEBAT E. - 2013. Differential manipulative strategies in great apes during a new complex tool use task. Folia Primatologica 84, 246-247. 5e Congrès de la Fédération Européenne de Primatologie. Anvers, 10-13 Septembre 2013.
- BYRON C., HERREL A., PAUWELS E., PATEL B.A. - 2013. Morphological Plasticity in the Mouse Hallucal Metatarsal. Joint Annual Meeting of the ASPET/BPS at Experimental Biology (EB), Boston MA, USA.
- CIBOT M., PHILIPPON J., LAURENT R., POUYDEBAT E., KRIEF S. - 2013. Effets du braconnage et des mutilations sur les budgets d'activités et les rapports sociaux des chimpanzés sauvages de Sebitoli dans le Parc National de Kibale (Ouganda). Société Francophone de Primatologie, Congo.
- DJURAKIC M., HERREL A., FABRE A-C. & CORNETTE R - 2013. How accurate do 2D geometric morphometrics quantify shell shape in chelonians? 17th European Congress of Herpetology, Veszprém, Hongrie; 22-27 août. Poster presentation.
- DUTEL H., HERREL A., CLEMENT G. & HERBIN M. - 2013. Bite performance of the extant coelacanth *Latimeria chalumnae*. Society for Integrative and Comparative Biology, San Francisco, CA, USA. Oral presentation.
- FABRE A-C., SLATER G., CORNETTE R., PEIGNÉ S., GOSWAMI A. & POUYDEBAT E. - 2013. Getting a grip on the evolution of grasping in carnivores: a three-dimensional analysis of forelimb shape. Annual meeting of the Society of Integrative and Comparative Biology, San Francisco, Etats-Unis; 3-7 janvier. Oral presentation.
- HERREL A., PERRENOUD M., ABDALA V., MANZANO A. & POUYDEBAT E. - 2013. The effect of substrate diameter and incline on locomotion in arboreal frogs. Society for Integrative and Comparative Biology, San Francisco, CA, USA. Oral presentation.
- KERR E., CORNETTE R., CALLOU C., HERREL A. & TRESSET A. - 2013. Morphological variation of synanthropic micro-mammal species in Western Europe throughout the Holocene: investigating anthropogenic effects. YRLS May 2013. Oral presentation.
- KERR E., COBB S. & COX P. - 2013. Exploring the patterns of cranial and mandibular co-variation within the order Rodentia. ICVM July 2013 Barcelona, Spain. Poster.
- KERR E., HERREL A., TRESSET A., CORNETTE R. & CALLOU C. - 2013. Morphological Variation of Synanthropic Micro-Mammal Species in Western Europe throughout the Holocene. ICVM July 2013 Barcelona, Spain. Poster
- KERR E., COBB S. & COX P. - 2013. Exploring the patterns of cranial and mandibular co-variation within the order Rodentia. SVPCA August 2013 Edinburgh. Oral presentation.
- NEUFUSS J., DESCHNER T., ROBBINS M., POUYDEBAT E. & KIVELL T. - 2013. Hand Use During Non-locomotor Behaviours in the Wild African Apes. 5th Congress of the European Federation for Primatology. Folia primatol. 84, 3-5.
- POUYDEBAT E., REGHEM E. & KIVELL T. - 2013. Eco-Ethological and kinematical approaches to Grasping in Primates. 5th Congress of the European Federation for Primatology. Folia Primatol. 84, 314.
- PROVINI P., BIEWENER A.A. & ABOURACHID A. - 2013. The 3D kinematics of the trunk and hindlimbs during take-off and landing in zebra finch (*Taeniopygia guttata*). SICB Meeting 2013 (San Francisco, CA, USA).
- ROSS C.F., HERREL A., PORRO L.B., EVANS S.E., FAGAN M.J. & MURRAY K.D. - 2013. Cranial bone strain in the teiid lizard *Tupinambis merrianae* and the diversity of optimality criteria in vertebrate skulls. Society for Integrative and Comparative Biology, San Francisco, CA, USA. Oral presentation.
- TOUSSAINT S., GONDOR-BAZIN S., ROSS C.F., HERREL A. & POUYDEBAT E. - 2013. Substrate Use and Grasping Strategies during Food Acquisition in *Microcebus murinus*: Insights for Understanding Primate Grasping Origins? 5th Congress of the European Federation for Primatology. Folia Primatologica 84: 331.

- ABOURACHID A. - 2014. Le cou, un bras pour les oiseaux. Journée GDR - Robotique bio-inspirée et robotique marine. Paris Nov 2014.
- ABOURACHID A. - 2014. Walking, from the bird to the dinosaurs. 26th International Ornithological congress Tokyo Japan August 2014.
- ABOURACHID A. - 2014. La bipédie des oiseaux aux dinosaures Les rendez-vous du Muséum Cycle. Evolution, mouvements, fonctions et formes. Octobre 2014.
- BARDO A., BOREL A. & POUYDEBAT E. - 2014. Tool making and use by captive bonobos: functional & behavioral strategies. 21e Benelux Congrès de Zoologie à Liège, 11-12 Décembre 2014.
- BARDO A. & POUYDEBAT E. - 2014. How to objectively assess the complexity of a task? 25e Congrès de la Société Internationale de Primatologie à Hanoi (Vietnam), 11-16 Août 2014.
- BOREL A., CHEZE L. & POUYDEBAT E. - 2014. Sequence analysis of tool prehension and manipulation: a new method to analyze hand dexterity. European Society for the study of Human Evolution, page 46; 09/2014.
- BOTTON-DIVET L., HOUSSAYE A., FABRE A-C., CORNETTE R. - 2014. Does the best wine come in old bottles? A sliding semilandmarks software comparison. Zoology 2014, 21st Benelux Congress of Zoology, Liège. Poster communication.
- COURANT J. - 2014. Etude de la biologie, l'écologie du Xénope lisse (*Xenopus laevis*), espèce exotique envahissante, en Europe. Congrès de la Société Herpétologique de France, Caen (France). Oral presentation.
- HERREL A., FABRE A-C. & CORNETTE R - 2014. Do functional constraints drive vertebrate skull shape evolution? A comparison between mammals and lizards. 8th Symposium National de Morphométrie et Evolution des Formes, Dijon, France; 2-3 juin. Oral presentation.
- HERREL A., VIDELIER M., CORNETTE R. & BONNEAUD C. - 2014. Should I stay or should I go: exploration behavior in the frog *Xenopus tropicalis*. Society for Integrative and Comparative Biology, Austin, Texas, USA. Oral presentation.
- JALIL N.E., BARDET N., GHEERBRANT E., BOURDON E., DE LAPPARENT F., FEDDI N., HOUSSAYE A., et al. - 2014. The vertebrates from the Phosphates of Morocco, a "hotspot" of the paleobiodiversity at the Cretaceous-Tertiary turning point (70.6 to 46.6 Ma). Cinquième Rencontre Internationale Sur la Valorisation et la Préservation du Patrimoine Paléontologique, Oujda, Maroc, 15th-17th May 2014. Oral communication.
- KERR E., CORNETTE R., CALLOU C., HERREL A. & TRESSET A. - 2014. Variation of Apodemus Mandibular Morphology: Functional Implications. SVPCA September 2014 York. Oral presentation.
- KERR E., CORNETTE R., CALLOU C., HERREL A. & TRESSET A. - 2014. Variation of Apodemus Mandibular Morphology: Functional Implications. ICAZ, September 2014 Argentina (San Rafael). Oral presentation.
- MARCHAND A., VINCENT P., BARDET N., HOUSSAYE A. & O'KEEFE F.R. - 2014. Into the Beast: Vascularity of a fetal plesiosaur. Society of Vertebrate Paleontology 74th Annual Meeting. Berlin, Germany. 5th-8th November 2014. Poster
- MARCHAND A., VINCENT P., BARDET N., HOUSSAYE A. & O'KEEFE F.R. - 2014. Visualization of the vascularization of a fetal plesiosaur for Analysis. FEI Amira & Avizo Americas User Group Meeting. Boston, USA, 1st-3rd October 2014. Oral communication.
- POUYDEBAT E., BARDO A., CANTELOUP C. & BOREL A. - 2014. Preliminary observation of coconut cracking open among capuchin monkeys and humans: proto tool-use costs and benefits. 25e Congrès de la Société Internationale de Primatologie à Hanoi (Vietnam), 11-16 Août 2014.
- PROVINI P., HOFLING E. & ABOURACHID A. - 2014. Morphologia funcional : estudos cinematicos e morfologicos dos membros posteriores de aves. Congresso Brasileiro de ornithologia Rio de Janeiro Brasil. Juillet 2014.
- PROVINI P. & ABOURACHID A. - 2014. The pelvic system of birds and the origin of flight. 26th International Congress of Ornithology (Tokyo, Japon).
- SEGALL M., POLIDORI G., AFOUI A. & HERREL A. - 2014. Hydrodynamic constraints associated with prey capture strategies in snakes. Zoology 2014, 21st Benelux Congress of Zoology, Royal Belgian Zoological Society, Liège, Belgium. Oral presentation.
- THOMAS P. - 2014. 27ème colloque de la Société Francophone De Primatologie « Diversité des Primates et PrimatologieS », 4-7 novembre 2014 in Poitiers, France. Oral presentation.
- YILMAZ I., HOSGOR I., TUNOGLU C., VINCENT P., HOUSSAYE A. & BARDET N. - 2014. A new marine vertebrate outcrop from the Late Cretaceous (Campanian) of Southeastern Anatolia, Turkey. Society of Vertebrate Paleontology 74th Annual Meeting. Berlin, Germany. 5th-8th November 2014. Poster.

- WEHRLE B.A., HERREL A., TADIC Z. & GERMAN D.P. - 2014. Testing the Adaptive Modulation Hypothesis: Physiological changes in a newly herbivorous lizard. Society for Integrative and Comparative Biology Meeting, Austin, TX. Poster presentation.
- ABOURACHID A. - 2015. Cinématique de la locomotion bipède chez les oiseaux - un exemple d'inspiration pour la robotique. Colloque Recherches Inspirées de la Biodiversité. MNHN Paris Nov 2015.
- ABOURACHID A., MARUGAN-LOBON J. & BOSCHER M. - 2015. AviNeck, the project. Cranio-cervical congress Ghent Juillet 2015.
- ABOURACHID A. - 2015. Performances of the avian body design. International meeting RTP I From Humans and Non-Human Primates to Robots: Motion Dec 2015.
- BARDO A. & POUYDEBAT E. - 2015. Stratégies de manipulation d'outils lors de la tâche du labyrinthe chez les gorilles et les orangs-outans. Revue de primatologie (6) document 54. XXVIII Colloque de la Société Francophone De Primatologie à Strasbourg, 14-16 octobre 2015.
- BARDO A., BOREL A., MEUNIER H., LEMAIRE M., LEMPEREUR E., GUERY J.P. & POUYDEBAT E. - 2015. Stratégies de manipulation d'outil chez les humains et les bonobos. Revue de primatologie (6) document 8. XXVII Colloque de la Société Francophone De Primatologie à Poitiers, 4-7 Novembre 2014.
- BARDO A., MEUNIER H. & POUYDEBAT E. - 2015. Tool making and use by captive bonobos: behavioral strategies, efficiency and tool selectivity. 25e Congrès de la Société Internationale de Primatologie à Hanoi (Vietnam), 11-16 Août 2014.
- BARDO A., BOREL A., GUERY J.P., LEMAIRE M., LEMPEREUR E. & POUYDEBAT E. - 2015. Manipulative abilities during the same tool use task in different species of primates. Folia Primatologica 86 (4): 243. 6e Congrès de la Fédération Européenne de Primatologie, Rome, Italie; 25-28 août, 2015.
- BARDO A., BOREL A. & POUYDEBAT E. - 2015. Functional strategies during tool use tasks in captive bonobos. Conférence « Anthropology of Hands » à l'Université de Kent, Canterbury, Royaume-Uni ; 24-26 juin, 2015.
- BOTTON-DIVET L. - 2015. Software packages for sliding semi-landmarks - same method, new tools. 2nd Young Natural History Scientists' Meeting 2015, Paris. Oral communication.
- DUMONT M. - 2015. Dental histology of Hesperornis and Ichthyornis: an insight into the biology of the "last" toothed birds" 3rd International Symposium on Paleohistology (ISPH), Bonn (Germany). Oral presentation.
- FABRE A-C., PECKRE L., WALL C., HERREL A. & POUYDEBAT E. - 2015. Influence of grasping ability on forelimb long bone shape in Prosimians. 6th European Federation for Primatology, Rome, Italie; 25-28 août.
- HERREL A., WALL C. & FABRE A-C. - 2015. Form-function relationships in the cranium of strepsirrhine primates. 6th cranio-cervical Systems in vertebrates meeting, Ghent, Belgique; 7-10 juillet. Oral presentation.
- HERREL A., VILLAROEL B., CORNETTE R., DECAMPS T. & DEBAT V. - 2015. Phenotypic plasticity and flight performance in relation to developmental temperature in the invasive species *Drosophila suzukii*. Society for Integrative and Comparative Biology, West Palm Beach Florida. Oral presentation.
- HOUMMADY S., HUA J., MULLER C., POUCHELON J.L., BLONDOT M., GILBERT C., ABOURACHID A. & DESQUILBET L. - 2015. Risk factors for mortality in aged guide dogs. Congress of the European College of Veterinary Internal Medicine. ECVIM 2015.
- HOUSSAYE A., TAFFOREAU P., DE MUIZON C. & GINGERICH P.D. - 2015. From land to sea - archaeocete bone microanatomical investigation. Society of Vertebrate Paleontology 75th Annual Meeting, Dallas, USA, 14th-17th October, 2015. Oral Communication.
- HOUSSAYE A., TAFFOREAU P., DE MUIZON C. & GINGERICH P.D. - 2015. Some microstructure evidence of the transition of Eocene whales from land to sea. 3rd International Symposium on Paleohistology. 2nd-5th July 2015, Bonn, Germany. Oral communication.
- HOUSSAYE A. & BILLET G. - 2015. Paleoecology of poorly-studied South American endemic ungulates revealed by long bone microstructure. 42. Treffen des Arbeitskreises Wirbeltierpaläontologie in der Paläontologischen Gesellschaft, Ahrensburg, Germany, 13th-15th Mars 2015. Oral communication
- IHLOW F., COURANT J., SECONDI J., HERREL A., MEASEY J., LILLO F., DE VILLIERS A., VOGT S., BACKELJAU T., DE BUSSCHERE C., EDWARDS S. & RÖDDER D. - 2015. Impacts of climate change on the global invasion potential of *Xenopus laevis*. SEH (Societas Europaea Herpetologica) European Congress of Herpetology, Wrocław (Poland). Poster.
- KERR E., HERREL A., CORNETTE R. & TRESSET A. - 2015. Variation of Apodemus Mandibular Morphology: Functional Implications. AEA (Association for Environmental Archaeology) November 2015. Oral presentation.

- KLEIN N., HOUSSAYE A. & GRIEBELER E.M. - 2015. Microanatomy, bone histology and growth of Nothosauri. XIII Annual Meeting of the European. Opole, Poland, 8th-12th July 2015. Oral Communication.
- KLEIN N., HOUSSAYE A. & GRIEBELER E.M. - 2015. Microanatomy, bone histology and growth of Nothosauria. 3rd International Symposium on Paleohistology. 2nd-5th July 2015, Bonn, Germany. Poster.
- KLEIN N., HOUSSAYE A. & GRIEBELER E.M. - 2015. Microanatomy, bone histology and growth of Nothosauria. 13rd European Association of Vertebrate Palaeontologists Annual Meeting. 8th-12th July 2015, Opole, Poland. Oral Communication.
- MARCHAND A., VINCENT P., BARDET N., HOUSSAYE A. & O'KEEFE F.R. - 2015. Contrasting vascularization and structure of a fetal and neonatal plesiosaur reflecting physiology and development. American Association for the Advancement of Science Annual Meeting, San Jose, CA, USA. 12th-16th February 2015. Poster presentation.
- OLBERDING J.P., HERREL A., HIGHAM T.E. & GARLAND JR. T. - 2015. Segment contributions to hind limb evolution in phrynosomatid lizards. Society for Integrative and Comparative Biology, West Palm Beach Florida. Oral presentation.
- PECKRE L., POUYDEBAT E., HERREL A., WALL C. & FABRE A.-C. - 2015. The evolution of manipulation behaviour in strepsirrhines. 6th European Federation for Primatology, Rome, Italie; 25-28 août. Poster presentation.
- PÉREZ GARCÍA A., BOLET A., ESCASO F., HOUSSAYE A., DE MIGUEL CHAVES C., MOCHO P., NARVÁEZ I., TORICES A., VIDAL D. & ORTEGA F. - 2015. The vertebrate fauna from the upper Campanian site of Armuna (Segovia Province, Central Spain). Society of Vertebrate Paleontology 75th Annual Meeting, Dallas, USA, 14th-17th October, 2015. Poster.
- ROSS C.F., FAGAN M., EVANS S., HERREL A., WALSH T. & PORRO L. - 2015. In vivo bone strain and the design of lizard crania. Society for Integrative and Comparative Biology, West Palm Beach Florida. Oral presentation.
- SANDER P., HAYASHI S., HOUSSAYE A., NAKAJIMA Y., SATO T. & WINTRICH T. - 2015. The evolution of plesiosaur bone histology: evidence from long bones and vertebrae. Society of Vertebrate Paleontology 75th Annual Meeting, Dallas, USA, 14th-17th October, 2015. Oral Communication.
- SANDER P., HAYASHI S., HOUSSAYE A., NAKAJIMA Y., SATO T. & WINTRICH T. - 2015. The evolution of plesiosaur bone histology. 3rd International Symposium on Paleohistology. 2nd-5th July 2015, Bonn, Germany. (Oral Communication).
- THOMAS P. - 2015. YNHM, 2nd Young Natural History scientists' Meeting, 4-6 Feb 2015 Paris, France. Oral presentation and poster.
- THOMAS P. - 2015. Ecology and behaviour meeting, 18-21 May 2015 Toulouse, France. Oral presentation.
- THOMAS P. - 2015. Exploring exploration in the grey mouse lemur (*Microcebus murinus*). Society for Experimental Biology meeting 2015, 29 June-3 July 2015, Prague. Poster.
- THOMAS P. - 2015. European Federation of Primatology (EFP) meeting 2015, 28-30 August 2015, Rome. Poster.
- THOMAS P. - 2015. 28ème colloque de la Société Francophone De Primatologie (SFDP), 14-16 octobre 2015 in Strasbourg, France. Oral presentation.
- WEHRLE B.A., KRANJOVIĆ M., TADIĆ Z., HERREL A. & GERMAN D.P. - 2015. Changes in digestive performance and gut structure and function in a newly herbivorous lizard. Society for Integrative and Comparative Biology Meeting, West Palm Beach, FL. Oral presentation.
- ABOURACHID A., HERREL A., DECAMPS T., GARCIA-AMADO M.A. - 2016. The locomotion of the Hoatzin nestling International congress of vertebrate morphology Juillet 2016 Washington DC.
- ABOURACHID A. - 2016. La bipédie des oiseaux, source d'inspiration pour la robotique avril 2016 Journée du programme doctoral Interface pour le vivant UPMC.
- ABOURACHID A. - 2016. La morphologie fonctionnelle, étude des relations entre la forme et le fonctionnement la machine animale. Le vivant autrement Juin 2016 Paris.
- ABOURACHID A. & HUGEL V. - 2016. The Natural Biped, Birds and Humans: An Inspiration for Bipedal Robots 5th international conference Living Machines Edimburg UK Juillet 2016.
- ALLEMAND R., BOISTEL R., BLANCHET Z., CORNETTE R., BARDET N., VINCENT P. & HOUSSAYE A. - 2016. Comparative morphology of snake (Squamata) endocasts: evidence of phylogenetical and ecological signals. 11th International Congress of Vertebrate Morphology, Washington DC, USA, June 29th-July 3rd 2016. Oral Communication.
- ALLEMAND R., BARDET N., HOUSSAYE A. & VINCENT P. - 2016. Virtual re-examination of a plesiosaurian specimen (reptilia, plesiosauria) from the Late Cretaceous (Turonian) of Goulmima, Morocco thanks to computed

- tomography. 5th Triennial Mosasaur Meeting. Uppsala, Sweden, May 16th-20th 2016. Oral Communication.
- BARDO A., CORNETTE R., BOREL A. & POUYDEBAT E. - 2016. Are humans unique? Are gorillas and/or orangutans unique? What manual specificities exist for each species? 23e Benelux Congrès de Zoologie à Anvers, 15-17. Décembre 2016.
- BARDO A., POUYDEBAT E. & CORNETTE R. - 2016. Morphological variability of the trapeziometacarpal joint among Hominids and functional involvements. IXe Symposium National de Morphométrie et Evolution des Formes à Paris, 1-2 Juin 2016.
- BOTTON-DIVET L., FABRE A-C., HERREL A., CORNETTE R. & HOUSSAYE A. - 2016. How to become aquatic with the mustelid toolkit? A morphometric insight into aquatic mustelid long bone evolution. International Congress of Vertebrate Morphology 2016, Washington, DC. "Functional (secondary) adaptation to an aquatic life in vertebrates" symposium. Oral communication.
- BOTTON-DIVET L., FABRE A-C., HOUSSAYE A., HERREL A. & CORNETTE R. - 2016. Ecomorphology of the hind limb long bones in Mustelidae (Mammalia: Carnivora). Congress of Vertebrate Morphology 2016, Washington, DC. "Ecological Morphology" symposium. Poster.
- BOTTON-DIVET L., CORNETTE R., HERREL A., FABRE A-C. & HOUSSAYE A. - 2016. Is the forelimb of semi-aquatic mustelids adapted to locomotion in different environments? A morphometric study. Society for Integrative and Comparative Biology annual meeting 2016, Portland, OR. Oral communication.
- BOTTON-DIVET L., HOUSSAYE A., FABRE A-C., HERREL A. & CORNETTE R. - 2016. Running, bouncing, swimming; a morphometric study of Mustelinae and Lutrinae long bones and the link with ecology. 9e Symposium national de Morphométrie et Évolution des Formes 2016, Paris. Oral communication.
- BOYLE K.S., BOTTON-DIVET L., COUILLAUD P. & HERREL A. - 2016. The relationship between feeding ecology and phylogeny for Weberian ossicle and otolith morphology in the piranha and pacu family (Actinopterygii: Serrasalminidae). Congress of Vertebrate Morphology 2016, Washington, DC. Oral communication.
- BOYLE K.S., BOTTON-DIVET L., COUILLAUD P. & HERREL A. - 2016. The relationship between feeding ecology and phylogeny for Weberian ossicle and otolith morphology in the piranha and pacu family (Actinopterygii: Serrasalminidae). 9e Symposium national de Morphométrie et Evolution des Formes 2016, Paris. Oral communication.
- BOYLE K. - 2016. Aquarium de la Porte Dorée, Paris France. "Use of a small, low-cost array to localize coral reef fish sounds and determine patterns of attenuation and signal degradation over distance.
- BOYLE K. & HERREL A. - 2016. Morphology of the Weberian apparatus and otoliths of serrasalminid fishes in relation to feeding ecology. Society of Integrative and Comparative Biology, January 2016, Portland, Oregon, U.S.A.
- BOYLE K. - 2016. International Symposium: Underwater Silent World: The End of the Dogma.
- COURANT J., VOGT S., DE VILLIERS A., MARQUES R., MEASEY G.J., SECONDI J., REBELO R., DE BUSSCHERE C., IHLOW F., BACKELJAU T., RÖDDER D. & HERREL A. - 2016. Are invasive populations characterized by a broader diet than native populations? The case study of an invasive anuran. WCH 8, Hangzhou (China). Oral presentation.
- DUMONT M. - 2016. Walking with giants: is the cortical bone structure and vascularization adapted to load bearing in large terrestrial vertebrates? 11th International Congress of Vertebrate Morphology (ICVM), Washington (USA). Oral presentation.
- DUMONT M. & HOUSSAYE A. - 2016. Biomechanical and physiological signals in the vascular system of Squamata in the context of secondary adaptation to an aquatic life. 11th International Congress of Vertebrate Morphology, Washington DC, USA, June 29th-July 3rd 2016. Poster.
- DUMONT M. & HOUSSAYE A. - 2016. What the 3D vascular system of squamate bones can reveal about secondary adaptation to an aquatic life. 5th Triennial Mosasaur Meeting. Uppsala, Sweden, May 16th-20th 2016. Oral Communication.
- FABRE A-C. - 2016. The evolution of prehensile behaviour and forelimb morphology in prosimians. Symposium en l'honneur de la célébration du 50eme anniversaire du Duke Lemur Center, 21-23 septembre. Oral presentation.
- FABRE A-C., DUMONT M., WALL C.E., BREWER D., EHMKE E., WELSER K. & HERREL A. - 2016. Does bite force matter in shaping the head of strepsirrhines primates, ASM, Minneapolis, Minnesota, Etats-Unis ; 24-28 juin. Oral presentation.
- FABRE A-C., GRANATOSKY M.C., HANNA J. & SCHMITT D. - 2016. Coevolution between forelimb shape and loading regime in strepsirrhines. International Congress of Vertebrate Morphology, Washington, Washington DC, Etats-Unis ; 29 juin- 4 juillet. Oral presentation.

- FABRE A.-C., M. DUMONT, WALL C.E., BREWER D., EHMKE E., WELSER K., DUMONT E., GODFREY L. & HERREL A. - 2016. Geometric morphometric approaches to inferring bite force and diet in extinct strepsirrhines. *Zoology*, Anvers, Belgique ; 15-17 Décembre. Oral presentation.
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- VIGLIOTTI C. - 2016. Structuring genetic and taxonomic diversity in gut microbes. 4th international congress on targeted microbiota - Institut Pasteur, Paris, October.
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