



Prof. Ludovic Orlando, HDR, PhD, Agrégé, Normalien

Research Director, Group leader, CNRS UMR 5288

Professor [20%], Centre for GeoGenetics

Born in Marseille (France), January 24th 1977 (41 years old)

Married, three children

Email: Lorlando@snm.ku.dk, orlando.ludovic@gmail.com

Ph: +33 6 74 38 38 15, +45 218 49 646; Skype: lorlando1369, Twitter: LudovicLorlando

<http://amis.cnrs.fr/?Orlando-Ludovic>

http://geogenetics.ku.dk/research_groups/palaeomix_group/

Researcher ID A-8932-2013 / Orcid ID: 0000-0003-3936-1850

Scientific Areas

Ancient DNA, High-Throughput DNA Sequencing, Molecular Anthropology, Domestication, Evolutionary Biology, Conservation, Museomics, Phylogenomics, Population Genomics, Metagenomics, Epigenomics, Computational Biology

2014-2018: Scientific Achievements

- Led the international teams that:
 - discovered that horses were domesticated twice [*Science* 2018]
 - described how Iron Age Scythian nomads selected their horses [*Science* 2017]
 - unraveled the genetic basis of cold adaptations in Yakutian horses [*PNAS* 2015]
 - carried out the first conservation genomic study of wild horses [*Curr Biol* 2015]
 - tracked domestication by comparing ancient and modern genomes [*PNAS* 2014a]
 - first sequenced the genomes of all living equine species [*PNAS* 2014b]
 - described the first ancient epigenome [*Genome Research* 2014, *Science* 2014]
- Contributed to the international teams that:
 - sequenced >300 ancient human genomes [*Nature* 2014ab, 2015, 2018ab; *Science* 2014, 2017, 2018ab]
 - revisited the timing of the opening of the Ice-free corridor [*Nature* 2016]
 - demonstrated the existence of plague epidemics as early as the Bronze Age [*Cell* 2015]
 - assessed the impact of the Last Glacial Maximum on plant communities dynamics [*Nature* 2014]
 - resolved the bird tree of life [*Science* 2014ab]
 - unraveled the genetic basis of cold adaptations in polar bears [*Cell* 2014]
- Developed a series of user-friendly and open-source computational packages dedicated to next-generation sequencing data [*Bioinformatics* 2015, 2016, 2017; *Nature Protocols* 2014; *Mol Ecol* 2016; *Mol Biol Evol* 2016]

<2014: Scientific Highlights

- Led the international team that:
 - sequenced the oldest genome and proteome [*Nature* 2013]
 - tracked the genetic consequences of the last great Megafauna extinction [*Nature* 2011]
- Contributed to the international teams that:
 - sequenced the first ancient human genome [*Nature* 2010]
 - discovered the genetic presence of Neanderthals in Asia [*Nature* 2007]

Early Achievements Track Record

As of November 15th 2018, I have co-authored 150 articles in international peer-reviewed journals (98 of which during the 2014-2018 period). These appeared in high-profile journals, such as *Nature* (16) & *Science* (12) (24 of which during the 2014-2018 period), as well as top-specialist journals in the field of genomics (*Genome Res*), evolutionary biology (*MBE*, *Mol Ecol*), computational biology (*Bioinformatics*) and archaeological science (*J Arc Sci*, *Quat Sci Rev*). Additionally, I have published 7 Book Chapters, one book and prestigious reviews in ancient DNA and evolutionary biology, including in *Nat Rev Genet* (2015) and the *Annual Reviews* series (2014 & 2017). I have co-edited a full issue dedicated to ancient DNA for the prestigious *J Hum Evol* (2015) and been invited to write opinion articles in prestigious journals, such as *PNAS* (2016, 2018), *Curr Biol* (2015) and *Genome Biology* (2015). Collectively, my papers have attracted 13,503 citations (Google Scholar), 10,828 (~80%) of which in the 2014-2018 period, and my H-index is 59. I have co-organized 7 international conferences, chaired/co-organized 7 sessions (including during the 2014-2018 period at Cold Spring Harbour Biology of Genomes and UISPP) and been the opponent for 17 international PhD committees in 7 countries, including at prestigious universities such as Oxford. I have lectured ~1,200 hrs at all university levels and tutored 9 international workshops in bioinformatics. I passed the first evaluation round of the ERC Consolidator Grant in 2014 (SH6, ranked on the final reserve list) and was finally granted in 2015 (ERC Consolidator 681605). Finally, I am an Academic Editor for *PLoS One*, *Scientific Reports* and *PeerJ*, and Editor-in-Chief of *Science and Technology for Archaeological Research*. During the 2014-2018 period, my research projects have collectively been granted ~7.1 M€, from diverse funding bodies including ERC, Marie-Curie H2020, ANR, IDEX, FNU & Villum Fonden.

Education

Dec 14 th 2009	Professorial thesis (HDR) , ENS Lyon, France
July 7 th 2003	PhD with highest honors. University of Lyon, France
July 2000	MSc in Development, Genetics and Immunology, University of Lyon, France (ranking: 1 st)
July 1999	Agregation of Life and Earth Sciences (ranking: 4 th / >2,000 applicants)
Sept 1996-July 1998	Magistere of Cellular and Molecular Biology, ENS Lyon, France
Sept 15 th 1996	Admitted after national competitive examination of >2,000 applicants as Normalien at ENS Lyon

Academic Positions

Summary	I have been a group leader since I established my research group at the Centre for GeoGenetics, Denmark, in April 2010, first as an Associate Professor, then as a Professor of Molecular Archaeology from March 2016. While my main appointment remained at the Centre for GeoGenetics until September 2016, I have been appointed as an Invited Professor at the CNRS AMIS 5288, University of Toulouse since January 2015. From October 2016, I have relocated my research group (12 staff) at this Institute, following my appointment as a CNRS Research Director. In addition to myself, my current research group includes 10 PhD students, 8 post-doctoral researchers, 1 Research Assistant, as well as a complement of 7 additional permanent staff. I have been acting as the AMIS Vice-Director in charge of Genomics since October 2016.
Sept 2017-now Oct 2016-now	Group Leader , Archaeology, Genomes, Evolution & Societies (AGES, CNRS AMIS 5288) Deputy Director , CNRS AMIS 5288, Univ. Toulouse, France Research Director , CNRS, Univ. Toulouse, France Professor of Molecular Archaeology, Centre for GeoGenetics, Denmark (20% full-time equivalent)
Jan 2015-Sept 2016	Invited Professor , Chaires d'Excellence IDEX, Univ. Toulouse (20% full-time equivalent)
Mar 2016-Sept 2016	Professor of Molecular Archaeology, Centre for GeoGenetics, Denmark Curator of the National Cryobank, Natural History Museum of Denmark
Apr 2010-Sept 2016	Group Leader , Centre for GeoGenetics, Denmark
Apr 2010-Feb 2016	Associate Professor of Molecular Archaeology, Centre for GeoGenetics, Denmark
Jul 2014-Jul 2015	Curator of the Paleontology collection, Natural History Museum of Denmark, Denmark
Jul 2013-Jul 2015	Curator of the Quaternary Zoology collections, Natural History Museum of Denmark, Denmark
Sept 2005-Mar 2010	Assistant Professor , ENS Lyon, Institute for Functional Genomics, France
Sept 2004-Aug 2005	Post-Doctoral Researcher , University Aix-Marseille 1, Phylogenomics lab, France

Prizes, Awards, Miscellaneous

Dec 2015	Article celebrated as AIA's top 10 discoveries of 2015
Jan 2014	Article ranked 8 th on the " Discover Magazine's Top 100 science stories "; celebrated in " Genomes of the year " in <i>Science</i> (2013) and in " 365 days in review for 2013 " (<i>Nature</i>)
Nov 2013	videnskab.dk top-10 research project in Denmark for year 2013
2006-2007	Marie-Curie IEF (FP6-010631, Ancient Biomolecules Centre, Oxford) [<i>Declined</i>]
2004	Annual Academic Award <i>Le Monde</i> de la Recherche Scientifique

Professional Service

Dec 2017	HCERES Evaluation committee, ISYEB, Committee President
Apr 2017 – now	Editorial Board , Associate Editor, <i>PeerJ</i>
Sept 2016 – now	Editorial Board , Associate Editor, <i>Scientific Reports</i>
2015, 2016	Expert Member of the Institut Universitaire de France, Young Scientist panel
2014 - now	Editorial Board , Editor-in-Chief, <i>Science and Technology of Archaeological Research</i>
2012 - now	Editorial Board , Academic Editor, <i>PLoS ONE</i>
2012-2013	Expert Member of the SVSE7 Evaluation Committee of the French National Agency for Research
2009-2011	Expert Member of the French RTP CNRS " <i>Paleogenetics of ancient humans and their environment</i> "
2007-2009	Scientific Council of the Institute for Functional Genomics, ENS Lyon (CNRS UMR 5242)
Sept 2005-Mar 2010	960h of lectures for BSc, MSc and PhD students in French Universities

Research Supervision and Research Funding

- **Group Leader** of a research group currently consisting of 27 staff members, including 2 CNRS Research Directors, 3 CNRS Researchers, 1 CNRS Research Engineer, 2 Lab Technicians, 8 Post-Doctoral researchers, 9 PhD students, and 1 Research Assistant
- **Main Supervisor** of 15 post-doctoral researchers (13 in 2014-2018), 10 PhD students (7 in 2014-2018), 15 MSc students (3 in 2014-2018)
- **Attracted 14 international post-doctoral researchers since 2011**, representing ~1.6 M€ and including 3 Marie-Curie FP7-PEOPLE-IEF fellowships (2012-2014: **228,082.6€**, **218,560.2€**, 2014-2016 **221,154.6€**), 3 Marie-Curie MSCA-

IF H2020 fellowships (2015-2017: **200,194.8€**, 2017-2019: **200,194.8€**, 2018-2020: **173,076.0€**), 1 VillumFonden Blokstipendier (2015-2016 **1,090,916 DKK**), 1 AXA Research Fund fellowship (2012-2014: **120K€**) and 1 EMBO long-term fellowship (2016-2017: **791,076.6 DKK+6,018.62€**)

- **Main Investigator** for 15 grants representing **~5.5 M€** (2017-2020 : GENCI A0050310593, 1M CPU hours on HPC servers; ANR LifeChange, 492,032 €; 2016-2020: ERC-*Consolidator* 2015, 1,999,555€; 2016-2019 : *Villum Fonden Research Project*, 5,995,928 DKK ; 2015-2017: Chaire d'attractivité, IDEX, Univ. de Toulouse, France 750,000€; 2015, EU Synthesis-3 Programme, 2,000€; 2014-2017 : *DFF Danish Research Foundation, Major Research Project*, 5,218,917 DKK; 2014: *DASI International Network Programme*, 222,507 DKK; 2014-2016: *Villum Fondens Blokstipendier*, 1,090,916 DKK; 2014-2015: *International Research Group Program (IRG14-08), Deanship of Scientific Research*, King Saud Univ., 75,000€; 2012-2015: *Marie-Curie FP7-PEOPLE-CIG*, 100,000€; 2012-2015: *DFF FNU Minor Research Project*, 1,958,400 DKK; 2012: GEUS/Geogenetics/Geocenter, 975,000 DKK; 2008-2009: *French-Australian Science and Technology linkage*, 12,000€; 2011, 2012: *French-Danish Co-operation from the French Embassy*, 45,000 DKK
- **Co-Investigator for 10 Grants** since 2010 (including 1 ANR & 2 Marie Curie ITN, *EUROTAST* and *ArchSci2020*)

Visiting Scientists

Jan-Feb 2007 **MPI for Evolutionary Anthropology**, Leipzig, Germany (Director: Pr. Svante Paabo)

July-Aug 2008 **Australian Centre for Ancient DNA**, Adelaide, Australia, (Director: Pr. Alan Cooper)

Research Production, Summary

- H-index: **59** [Google Scholar]
- Citations: **13,503** [Google Scholar]
- RG-score: **45.92**
- **150 publications** in peer-reviewed journals (**16 Nature**, **12 Science**, **2 Cell**, **10 PNAS**, **8 Curr Biol**, **3 Genome Res**)
- **1 Book**, **7 Book chapters**
- Referee for **>200** Articles in **15** international journals (~10-15 per year), including *Nature*, *Science*, *PNAS* and *Curr Biol*
- **120 Invited Seminars and Conferences across 25 countries**
- Invited lecturer in **10 international workshops** (Paleogenomics summer school, Cargese, October 2011; Gulbenkian Training Program in Bioinformatics, Lisbon, June 2012; Adelaide Bioinformatics Workshop, Adelaide, November 2012, 2013; Computing for NGS analyses, University of Toulouse, December 2013; Mathematical and Computational Evolutionary Biology, Porquerolles, June 2015; Workshop on Population and Speciation Genomics, Český Krumlov, Czech Republic, February 2016, 2018; Max Planck Institute for the Science of Human History, Jena, March 2016; Spring School in Bioinformatics and Population Genomics. Leukerbad, Switzerland, May 2016; Italian Society for Evolutionary Biology, Ferrara, Italy, Dec 2016)
- Organization of **7 international conferences** (SBME 2010; ISBA 2010; INQUA 2011; SMBE 2012; SPAAM 2016; UISPP 2018; ISBA 2018)
- Participation to **17 international PhD** (AUS 2; DK 3; FR 5; SP 2; CH 1; IE: 1; SW 1; PT 1; UK 1) and **2 HDR** (French Professorial Thesis, 2016, 2017) committees

Selection of Peer-Reviewed Publications (top-30 out of 146)

See <http://amis.cnrs.fr/IMG/pdf/ludovicorlando-publicationlist-20181122.pdf> for a full list

-- 2018: [from a total of **17 publications**, including 5 in *Nature* & *Science* + 2 Book Chapters]

- 1) **Orlando L.** 2018. Late Bronze Age Cultural Origins of Dairy Pastoralism in Mongolia. *PNAS* Nov 12. Pii: 201817559.
- 2) Gaunitz C, [45 co-authors], **Orlando L.** 2018. Ancient genomes revisit the ancestry of domestic and Przewalski's horses. *Science* 360:111-114
- 3) Leonardi M, [9 co-authors], **Orlando L.** 2018. *Science Advances* 4:eaar5589
- 4) Renaud G, [9 co-authors], **Orlando L.** 2018. Improved de novo genomic assembly of the domestic donkey. *Science Advances* 4:eaag0392.
- 5) Librado P, **Orlando L.** 2018. Detecting Signatures of Positive Selection along Defined Branches of a Population Tree Using LSD. *Mol Biol Evol* 35:1520-1535

-- 2017: [from a total of **22 publications**, including 3 in *Nature* & *Science*]

- 6) Sikora M, [24 co-authors], **Orlando L.**, Willerslev E. 2017. *Science*. Ancient genomes show social and reproductive behavior of early Upper Paleolithic foragers. *Science* 358:659-62.
- 7) Librado P, [31 co-authors], **Orlando L.** 2017. Ancient genomic changes associated with domestication of the horse. *Science* 356:442-5.
- 8) Metcalf JL, [12 - co-authors], **Orlando L.** 2017. Evaluating the impact of domestication and captivity on the horse gut microbiome. *Sci Rep* 7:15497.

- 9) Der Sarkissian C, [9 co-authors], **Orlando L.** 2017. Ancient DNA analysis identifies marine mollusk shells as new metagenomic archives of the past. **Mol Ecol Resour** 17:835-53.
- 10) Leonardi M, [8 co-authors], **Orlando L.** 2017. Evolutionary patterns and processes: lessons from ancient DNA. **Syst Biol** 66:e1-e29.
- 11) Warinner C, [5 co-authors], **Orlando L.**, Krause J. 2017. A robust framework for microbial archaeology. **Ann Rev Genomics Hum Genet** 18:321-356
- 12) MacHugh D, Larson G, **Orlando L.** 2017. Taming the Past: Ancient DNA and the Study of Animal Domestication. **Ann Rev Anim Biosci** 5:329-51.

-- 2016: [from a total of **13 publications**, including 1 in *Nature & Science*]

- 13) Librado P, [11 co-authors], **Orlando L.** 2016. The Evolutionary Origin and Genetic Makeup of Domestic Horses. **Genetics** 204:423-434.
- 14) **Orlando L.** 2016. Back to the roots and routes of dromedary domestication. **PNAS** 113:6588-90.
- 15) Imsland F, [14 co-authors], **Orlando L.**, Penedo MCT, Barsh GS, Andersson L. 2016. Regulatory mutations in TBX3 disrupt asymmetric hair pigmentation that underlies Dun camouflage color in horses. **Nat Genet** 48:152-8.
- 16) Hanghøj K, [5 co-authors], **Orlando L.** Fast, accurate and automatic ancient nucleosome and methylation maps with epiPALEOMIX. **Mol Biol Evol** 33:3284-3298.
- 17) Louvel G, [2 co-authors], **Orlando L.** 2016. metaBIT, an integrative and automated metagenomic pipeline for analyzing microbial profiles from high-throughput sequencing shotgun data. **Mol Ecol Resour** 16:1415-1427

-- 2015: [from a total of **26 publications**, including 3 in *Nature & Science*]

- 18) **Orlando L.** 2015. The first aurochs genome revisits the breeding history of British and European cattle. **Genome Biol** 16:225.
- 19) **Orlando L.** 2015. Equids. **Curr Biol** 25:R973-8.
- 20) Seguin-Orlando A, [16 co-authors], **Orlando L.** 2015. Pros and cons of methylation-based enrichment methods for ancient DNA. **Sci Rep** 5:11826.
- 21) Librado P, [38 co-authors], **Orlando L.** 2015. Tracking the origins of Yakutian horses and the genetic basis for their fast adaptation to subarctic environments. **PNAS** 112:E6889-97.
- 22) **Orlando L.**, Gilbert MT, Willerslev E. 2015. Reconstructing ancient genomes and epigenomes. **Nat Rev Genet** 16:395-408
- 23) Der Sarkissian C, [24 co-authors], **Orlando L.** 2015. Evolutionary genomics and conservation of the endangered Przewalski's horse. **Curr Biol** 25:2577-83.
- 24) Welker F, [27 co-authors], **Orlando L.**, Barnes I, MacPhee RDE. 2015. Ancient proteins resolve the evolutionary history of Darwin's South American Ungulates. **Nature** 522:81-4.

-- 2014: [from a total of **18 publications**, including 8 in *Nature & Science*]

- 25) Schubert M, [33 co-authors], **Orlando L.** 2014. Prehistoric genomes reveal the genetic foundation and cost of horse domestication. **PNAS** 111:E5661-9.
- 26) Jónsson H, [24 co-authors], **Orlando L.** 2014. Speciation with gene flow in equids despite extensive chromosomal plasticity. **PNAS** 111:18655-60.
- 27) Seguin-Orlando A, [18 co-authors], **Orlando L.**, Willerslev E. 2014. Paleogenomics. Genomic structure in Europeans dating back at least 36,200 years. **Science** 346:1113-1118.
- 28) **Orlando L.**, Willerslev E. 2014. An epigenetic window into the past? **Science** 345:511-512.
- 29) Pedersen JS, [19 co-authors], **Orlando L.** 2014. Genome-wide nucleosome map and cytosine methylation levels of an ancient human genome. **Genome Res** 24:454-66.
- 30) Willerslev E, [47 co-authors], **Orlando L.**, Brochmann C, Taberlet P. 2014. Fifty thousand years of arctic vegetation and megafaunal diet. **Nature** 506:47-51.

Selection of Invited Seminars (See <http://amis.cnrs.fr/IMG/pdf/ludovicorlando-20181122-invitedseminars.pdf> for a full list)

-- 2018: [from a total of 27 across 9 countries]

- | | |
|------------|--|
| 04/11/2018 | Keynote. In: Australian Genomic Technologies Association (AGTA) Annual Meeting, Adelaide, Australia |
| 03/07/2018 | Keynote. In: Journées Ouvertes en Biologie, Informatique et Mathématiques (JOBIM), Marseille, France |
| 02/05/2018 | Keynote. In: Ancient DNA from the sub-seafloor. Exploratory Seminar, Harvard University, USA |
| 18/04/2018 | Keynote. In: 1 st AsiaEvo Conference, Shenzhen, China |
| 17/04/2018 | Keynote. In: Fossils and Ancient Genomics Symposium, Shenzhen, China |
| 15/03/2018 | Keynote. In: Symposium of Gene Regulation in Evolution. Mainz, Germany |
| 16/02/2018 | Keynote. In: Ancient DNA techniques for zoonosis research. Berlin, Germany |
| 02/02/2018 | Keynote. In: Workshop on Population and Speciation Genomics, Cezky Krumlov, Czech Republic |
| 17/01/2018 | An Ancient Genomics Perspective on Horse Domestication. Gainesville, USA |

-- 2017: [from a total of 11 across 5 countries]

13/11/2017 Keynote. In: DAVA workshop Turku, Finland
25/10/2017 Keynote. In: Distinguished Scientist Fellowship Program, King Saud University, Riyadh, Saudi Arabia.
16/07/2017 Keynote. In: International Society for Animal Genetics conference. Dublin, Ireland
06/07/2017 Keynote. In: Society for Experimental Biology. Gothenburg, Sweden
10/03/2017 Keynote. In: Illumina Nordic User Group Meeting. Stockholm, Sweden

-- 2016: [from a total of 16 across 10 countries]

16/12/2016 Keynote. In: Italian Society for Evolutionary Biology. Ferrara, Italy
03/10/2016 Keynote. In: DAVA workshop, Reykjavik, Iceland
29/05/2016 Keynote. In: Spring School in Bioinformatics and Population Genomics. Leukerbad, Switzerland
23/05/2016 Reconstructing the domestication of horses, the noblest conquest of mankind. Melbourne, Australia,
14/05/2016 Chair, Keynote. In: The Biology of Genomes. Evolutionary and non-human genomics, Cold Spring Harbor, US
09/05/2016 Tracking the origins of the horse, the noblest conquest of Mankind. Baker Institute, Cornell Univ., USA
17/03/2016 Keynote. In: Computational approaches in ancient Genomics and Metagenomics, Jena, Germany

-- 2015: [from a total of 19 across 9 countries]

03/11/2015 Keynote. In: 32nd meeting of the 'Group of French Anthropologists', Paris, France
27/10/2015 Keynote. In: Environmental Genomics Workshop, Montpellier, France
30/09/2015 Plenary, Chair. In: 10th International Conference on Behaviour, Physiology and Genetics of Wildlife, Berlin, Germany
12-16/07/2015 Keynote. In: Ancient genomes: a time machine for investigating natural selection. SMBE meeting, Vienna, Austria
21-25/06/2015 Keynote. In: Mathematical and computational evolutionary biology, Porquerolles, France
19/05/2015 Keynote, Chair. In: Studying human evolution from ancient DNA, Jerusalem, Israel

-- 2014: [from a total of 6 across 5 countries]

10-12/09/2014 In: Next Generation Genomics Symposium, Helsinki, Finland
24/04/2014 In: Eukaryotic –Omics: Exploring and testing with NGS, Geneva, Switzerland
27/03/2014 Plenary. In: ICAZ Archaeozoology Genetics and Morphometrics Working Group, Lisbon, Portugal
11/01/2014 In: Equine Workshop, 22nd Plant and Animal Genomics meeting, San Diego, US

Communication & Outreach [Selection]

Radio & TV/Videos.

23/02/2018 Mais quel est donc l'ancetre de tous les chevaux d'aujourd'hui. Sophie Bécherel. France Inter
22/02/2018 Why the last wild horses really aren't. Nell Freenfieldboyce. National Public Radio
30/05/2017 France Culture. Carbone 14. <https://www.franceculture.fr/emissions/carbone-14-le-magazine-de-larcheologie/la-revolution-paleo-genomique>
28/04/2017 France Inter. La tete au carre. <https://www.franceinter.fr/emissions/la-une-de-la-science/la-une-de-la-science-28-avril-2017>
27/04/2017 Video Interview presenting our work on the genome of Scythian horses. <https://youtu.be/PLwJDB94LMl>

Press

25/02/2018 La domestication du cheval revisitée. Nathaniel Herzberg. Le Monde
24/02/2018 How DNA proved wild horses no longer exist. Sarah Gibbens. National Geographic
23/02/2018 Genetic tests rein in myth of wild horses. Oliver Moody. The Times
29/04/2017 Les lecons des chevaux des Scythes. Le Figaro. Jean-Luc Nothias
27/04/2017 Long-frozen DNA shows how humans made horses faster. Washington Post. Ben Guarino
27/04/2017 Ancient horse DNA shows Scythian warriors were adept domesticators. New York Times. Kenneth Chang
28/12/2015 The horse that can endure Siberian winters. BBC Earth. Jane Palmer
11/11/2015 The world's last truly wild horse is making a comeback. BBC Earth. Jane Palmer
31/08/2015 The taming of the pig took some wild turns. Science. Elizabeth Pennisi
16/02/2015 La domestication, une affaire de gènes. Le Monde. Catherine Mary
19/12/2014 The thoroughly bred horse. Science. Ann Gibbons
17/04/2014 How to build a Neanderthal. Nature. Ewen Callaway

Open Conferences [Non-scientific audience]

12/10/2018 MétamorphOse, 3^{ème} Rendez-vous de l'Innovation. <https://youtu.be/GxdYZIHVJxM>
13/11/2017 A DNA ride on the horse of the Scythian nomads. Turku, Finland
30/11/2016 How early nomad riders shaped the modern horse. Videnskabsqalla 2016. Copenhagen, Denmark.
04/10/2016 Reconstructing the (epi)genomes and microbiomes from ancient DNA fragments. Reikiavik, Iceland
12/02/2016 Darwin Day at the Centre for Ecological and Evolution Synthesis. Oslo, Norway

Cover pictures of 14 Scientific Journals [including 10 in 2014-2018: PNAS (2), Nat Rev Genet, Genetics, Genome Res, Science, Cell (2), Mol Ecol, Mol Ecol Res]