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

Director, Centre for Anthropobiology & Genomics of Toulouse, CAGT
Université Paul Sabatier Toulouse III, France
Born in Marseille (France), January 24th 1977 (46 years old)
Married, three children
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Scientific Areas

Ancient DNA, Animal Domestication, Molecular Anthropology, Evolutionary Biology, Statistical Genomics

Scientific Achievements

- Led the international teams that:
  - Bridged western and indigenous science by revealing the true origins of First Nations horses *[Science 2023]*
  - Identified the horse *[Nature 2021]* and donkey *[Science 2022]* domestication homelands
  - reconstructed the genomic history of horse domestication *[Science 2017, Cell 2019]*
  - discovered that horses were domesticated twice *[Science 2018]*
  - unraveled the genetic basis of cold adaptations in Yakutian horses *[PNAS 2015]*
  - carried out the first conservation genomic study of feral horses *[Curr Biol 2015]*
  - tracked equine domestication and speciation *[PNAS 2014ab]*
  - described the first ancient epigenome *[Genome Research 2014, Science 2014]*
  - sequence the first Middle Pleistocene genome *[Nature 2013]*
  - tracked the genetic consequences of the last great Megafauna extinction *[Nature 2011]*
- Contributed to the international teams that:
  - assessed the environmental consequences of global climate change in the Arctic *[Nature 2014, 2016, 2020]*
  - sequenced 500+ ancient human genomes *[Nature 2014ab, 2015, 2018ab; Science 2014, 2017, 2018ab]*
  - sequenced the oldest proteome *[Nature 2019]*
  - demonstrated the existence of plague epidemics as early as the Bronze Age *[Cell 2015]*
  - resolved the bird tree of life *[Science 2014ab]*
  - sequenced the first ancient human genome *[Nature 2010]*
  - discovered the genetic presence of Neanderthals in Asia *[Nature 2007]*
- Developed user-friendly, open-source and community-oriented software for analyzing next-generation sequencing data *[Bioinformatics 2015, 2016, 2017, 2022ab; Nat Protoc 2014; Mol Ecol 2016; MBE 2016, 2018, Genetics 2019, Gigasciences 2019; Frontiers Ecol 2020]*

Track Record of Early Achievements

As of Sept 18th 2023, I have co-authored 208 articles in international peer-reviewed journals (75, ~36 %, of which during the last five years). These appeared in *Nature* (23), *Science* (15), *Cell* (4), PNAS (12), as well as top-specialist journals in the field of genomics (*Genome Res*), evolutionary biology (*Mol Biol Evol*, *Mol Ecol*), computational biology (*Bioinformatics*) and archaeological science (*J Arc Sci*). I have also published 9 Book Chapters, 2 books and multiple reviews in high-impact journals, including in *Nat Rev* (2015, 2020, 2021) and the *Annual Reviews* series (2014, 2017, 2020, 2021). I have co-edited a full issue dedicated to ancient DNA for *J Hum Evol* (2015) and been invited to write opinion articles for *Nature* (2023), *Cell* (2020), *PNAS* (2016, 2018, 2023), *Curr Biol* (2015), *Genome Biology* (2015) and *Bioessays* (2014, 2020). Collectively, my papers have attracted 38,172 citations (Google Scholar), 18,666 (~49%) of which in the last three years, and my H-index is 95. I have co-organized 11 international conferences, chaired/co-organized 7 sessions (including at Cold Spring Harbor *Biology of Genomes* and UISPP) and been the opponent for 23 international PhD committees in 7 countries, including at high-rank universities such as Oxford. I have lectured 1,200+ hours at all university levels and tutored 11 international workshops. I have won 1 ERC CoG and 1 ERC SyG grant. I am an Academic Editor for *Scientific Reports* and *PeerJ*, and Editor-in-Chief of *Science and Technology for Archaeological Research*. During the last five years, my projects have collectively been granted ~16 M€, from diverse funding bodies including *EU, ANR, FNU, Simone & Cino Del Duca and Vellux Fonden.*

Education

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

Academic Positions

Summary I established my research group at the Centre for GeoGenetics (CGG), Denmark, in April 2010, first as an Associate Prof, then as a Prof of Molecular Archaeology from March 2016 and until June 2020. While my main appointment remained at CGG until September 2016, I have been appointed as an Invited Professor at the University Paul Sabatier, Toulouse France, since January 2015. From October 2016, I have relocated my research group there, following my appointment as a CNRS Research Director. I have acted as the CNRS 5288 Deputy Director since October 2016, and I have acted as the CAGT founding director from Jan 2020.

Jan 2021-now	**Director**, CAGT Laboratory, Univ. Paul Sabatier, Toulouse, France
Jan 2020-Dec 2020	**Director**, AMIS Laboratory, Univ. Paul Sabatier, Toulouse, France
Sept 2017-now	**Group Leader**, Archaeology, Genomes, Evolution & Societies (AGES)
Oct 2016-Jun 2020	**Deputy Director**, CNRS AMIS 5288, Univ. Paul Sabatier, Toulouse, France
	Research Director, CNRS, Univ. Paul Sabatier, Toulouse, France
	Professor of Molecular Archaeology**,** CGG, Copenhagen, 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**,** CGG, Copenhagen, Denmark
	Curator of the National Cryobank, Natural History Museum of Denmark
Apr 2010-Sept 2016	**Group Leader**, CGG, Copenhagen, Denmark
Apr 2010-Feb 2016	**Associate Professor** of Molecular Archaeology, CGG, Copenhange, Denmark
Jul 2014-Jul 2015	**Curator** of the Paleontology collection, Natural History Museum of Denmark
Jul 2013-Jul 2015	**Curator** of the Quaternary Zoology collections, Natural History Museum of Denmark
Sep 2005-Mar 2010	**Assistant Professor**, ENS Lyon, Institute for Functional Genomics of Lyon (IGFL), France
Sep 2004-Aug 2005	**Post-Doctoral Researcher**, University Aix-Marseille 1, Phylogenomics lab, France

Prizes, Awards, Miscellaneous

Nov 2023	**CNRS Silver Medal**
Jan 2018, 2020	**Highly Cited Researcher List 2018, 2020**
Dec 2015	Article celebrated as **AIA's top 10 discoveries of 2015**
Jan 2014	Article ranked 8th on the '**Discover Magazine's Top 100 science stories**'; celebrated in '**Genomes of the year'** in *Science* (2013) and in **'365 days in review for 2013'** (*Nature*)
Nov 2013	videnskab.dk **top-10 research project in Denmark** for year 2013
2006-2007	Marie-Curie IEF (FP6-010631, Ancient Biomolecules Centre, Oxford) *[Declined]*
2004	**Annual Academic Award** *Le Monde* de la Recherche Scientifique

Professional Service

Dec 2017	**HCERES Evaluation** committee, ISYEB, **Committee President**
Apr 2017 – now	**Editorial Board**, Associate Editor, *PeerJ*
Sep 2016 – now	**Editorial Board**, Associate Editor, *Scientific Reports*
2015, 2016	**Expert Member** of the Institut Universitaire de France, Young Scientist panel
2014 - now	**Editorial Board**, Editor-in-Chief, *Science and Technology of Archaeological Research*
2012 - 2020	**Editorial Board**, Academic Editor, *PLoS ONE*
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 *"Paleogenetics of ancient humans and their environment"*
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 22 staff members, including 1 CNRS Research Director, 1 Prof, 1 Associate Prof, 3 CNRS Researchers, 2 Research Engineers (CNRS, INRAE), 3 Assistant Engineer, 1 Lab Technician, 7 Post-Doctoral researchers, and 3 PhD students
- **Main Supervisor** of 20 post-doctoral researchers (15 in the last five years), 11 PhD students (8 in the last five years), 19 MSc students (11 in the last five years)
- **Attracted** 20 **international post-doctoral researchers since 2011**, representing **~2.46 M€** and including: 1 Postdoctoral Exchange Fellowship Program of the China Postdoctoral Council **38,500€**; 3 Marie-Curie FP7-PEOPLE-IEF fellowships (2012-2014: **228,082.6 €, 218,560.2 €,** 2014-2016 **221,154.6€**), 8 Marie-Curie MSCA-IF fellowships (2015-2017: **200,194.8 €**, 2017-2019: **200,194.8 €**, 2018-2020: **173,076.0**€; 2020-2023: **186,876.96 €;** 2021-2023: **196,707.84 €;** 2021-2023: **184,707.84 €;** 2022-2024: **184,707.84 €;** 2022-2024: **195,914.88 €),** 1 VillumFonden Blokstipendier (2015-2016: **1,090,916 DKK**), 1 AXA Research Fund fellowship (2012-2014: **120,000€)**; 1 EMBO long-term fellowship (2016-2017: **791,076.6 DKK+6,018.62 €**) and 1 Fondation Simone & Cino

Del Duca (**50,000€**).

- **Main Investigator** for 23 grants representing **~16.26 M€** (2022-2028: ERC SyG Horse Power, **10,478,093 €;** 2021-2025: CNRS IRP AnimalFarm, **50,000 €**; 2022-2023: MARENGO, France Génomique Appel à Grand Projet, 30 sequencing S4 lanes for the NovaSeq 6000 instrument; 2020-2021 : Fondation Simone et Cino Del Duca, **125,000€**; 2020-2021: CNRS MITI **40,000 €**; 2019-2020 : ANR MRSEI AnimalFarm, **29,970€**; 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** ; 2017-2018: BUCEPHALE, France Génomique Appel à Grand Projet, 32 sequencing flow-cells for the HiSeq 4000 instrument; 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 13 Grants** since 2010 (including 3 ANR, 1 ANRS & 2 Marie Curie ITN, *EUROTAST* & *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: **95** [Google Scholar]
- Citations: **38,172** [Google Scholar]
- 208 **publications** in peer-reviewed journals (23 ***Nature*****,** 15 ***Science*****,** 4 **Cell,** 12 **PNAS,** 10 **Curr Biol,** 3 **Genome Res**)
- **2** Books, **9** Book chapters
- Referee for **250+** Articles (~10-15 per year), including *Nature, Science, Cell, PNAS* and *Curr Biol*
- 177 **Invited Seminars and Conferences across 28 countries**
- Invited lecturer in **11 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, 2020; 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 **10 international conferences** (SBME 2010; ISBA 2010; INQUA 2011; SMBE 2012; SPAAM 2016; UISPP 2018; ISBA 2018; AnimalFarm 2019; AIEM 2019; ISBA 2020)
- Participation to **23 international PhD** (AUS 2; DK 4; FR 10; SP 2; CH 1; IE: 1; SW 1; PT 1; UK 1) and **5 HDR** (French Professorial Thesis, 2016, 2017, 2018, 2020, 2022) committees

Selection of 10 Peer-Reviewed Publications

1) Taylor WT, [87 co-authors], **Orlando L. 2023**. Early dispersal of domestic horses into the Great Plains and Northern Rockies. **Science**, in press.
2) Todd ET, [47 co-authors], **Orlando L**. **2022.** The genomic history and global expansion of domestic donkeys. **Science** 377:1172-80.
3) Librado P, [161 co-authors], **Orlando L**. **2021**. The origins and spread of domestic horses from the Western Eurasian steppes. **Nature** 598:634-640.
4) Frantz L, Bradley D, Larson G, **Orlando L**. **2020.** Animal domestication in the era of ancient genomics. **Nat Rev Genet** 21:449-60.
5) Fages A, [119 co-authors], **Orlando L**. **2019**. Tracking Five Millennia of Horse Management with Extensive Ancient Genome Time Series. **Cell** 2019 Apr 26. pii: S0092-8674(19)30384-8.
6) Gaunitz C, [45 co-authors], **Orlando L**. **2018.** Ancient genomes revisit the ancestry of domestic and Przewalski's horses. **Science** 360:111-114
7) Librado P, [31 co-authors], **Orlando L**. **2017.** Ancient genomic changes associated with domestication of the horse. **Science** 356:442-5.
8) Der Sarkissian C, [24 co-authors], **Orlando L**. **2015**. Evolutionary genomics and conservation of the endangered Przewalski's horse. **Curr Biol** 25:2577-83.
9) 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.
10) **Orlando L**, [54 co-authors], Willerslev E. **2013**. Recalibrating *Equus* evolution using the genome sequence of an early

Middle Pleistocene horse. **Nature** 499:74-8.

Selection of 10 Invited Seminars

12/07/2023 Hilgendorf Lecture. Tuebingen, Germany.
13/12/2022 Harrison Lecture. The genomic history of the domestic horse. Cornell University, Ithaca, USA
25/07/2022 Plenary. In: Havemeyer 13th International Horse Genome Workshop. Ithaca, USA
11/01/2022 Plenary. In: Plant and Animal Genomics XXIX. San Diego, USA
20/02/2020 Keynote. In: Inauguration day of the Centre for Palaeogenetics, Swedish Museum of Natural history, Stockholm
17/06/2019 Keynote. International Society for Applied Biological Sciences. Split, Croatia
30/03/2019 Keynote. Reconstructing the Human Past - Using Ancient and Modern Genomics. EMBL Heidelberg, Germany.
04/11/2018 Keynote. In: Australian Genomic Technologies Association (AGTA) Annual Meeting, Adelaide, Australia
02/05/2018 Keynote. In: Ancient DNA from the sub-seafloor. Exploratory Seminar, Harvard University, USA
18/04/2018 Keynote. In: 1st AsiaEvo Conference, Shenzen, China

Communication & Outreach [Selection]

Radio & TV/Videos

01/03/2023 New York Times, Carl Zimmer, Ancient DNA reveals history of hunter-gatherers in Europe.
01/05/2022 Marilyn: her final secret. https://www.sbs.com.au/ondemand/video/2045259843619/marilyn-her-final-secret
01/03/2022 Le Monde. La science sur les traces de la peste de 1720 à Marseille
13/01/2021 Arte 28 minutes, Elisabeth Kein. L'ADN remonte le temps
23/02/2021 France 5, C à dire, Mélanie Taravant. ADN : un voyage de plus de 700,000 ans
25/10/2021 France Bleu, Sidonie Bonnec, Minute Papillon. L'ADN fossile, comment peut-il redonner vie aux dinosaures
22/10/2021 CBC Radio, Bob McDonald, Quirks & Quarks. Whoa Nelly! Modern horses come from ancestors we improved 4,000 years ago
21/10/2021 France Info. Boris Hallier, Le cheval a été domestiqué pour la première fois en Russie, 22 siècles avant notre ère
18/02/2022 France Culture, La Série Documentaire. Perrine Kervin, La Grande peste, l'empreinte d'une tueuse, épisode 8/8 : l'ADN du mal
01/02/2021 RFI, Caroline Lachowsky. Comment remonter le temps grâce à l'ADN fossile ? Et jusqu'où ?
12/01/2021 France Inter, La Terre Au Carré. Mathieu Vidard. Voyage dans le passé grâce à la paléogénétique.
23/01/2021 France Culture, Carbone 14, Vincent Charpentier. « Inné et acquis sont dans un bateau », quand la paléogénétique raconte notre histoire
19/05/2019 5000 ans d'histoire entre l'Homme et les chevaux. Les Années Lumières, Radio Canada
17/05/2019 La domestication du cheval a modifié son ADN. Journal des Sciences, France Culture
14/05/2019 The first horse warriors. NOVA, documentary by Dr Niobe Thompson
09/05/2019 5000 ans d'histoire du cheval. La tête au carré, France Inter
22/02/2018 Why the last wild horses really aren't. Nell Freenfieldboyce. National Public Radio
30/05/2017 La revolution paléo-génomique. France Culture. Carbone 14
28/04/2017 France Inter. La tête au carré

Press

05/04/2022 Knowable Magazine. Amber Dance, The tale of the domesticated horse
14/01/2022 The Scientist. Chris Baranluk, Ancient Mesopotamians bred horselike hybrids
26/01/2022 Horizon: The EU Research & Innovation Magazine. Gareth Willmer, Quest to uncover the origins of horse taming is rewriting our picture of the past
18/11/2021 Pour la Science. François Savatier, La steppe pontique, berceau du cheval domestique
31/10/2021 Le Point. Génétique : la course folle du cheval domestique
27/10/2021 Cheval Magazine. Bettina Hubert, Les origines du cheval domestique dévoilées
26/10/2021 Le Monde. Hervé Morin, Débats éthiques sur l'étude de l'ADN humain ancien
22/10/2021 Nature. Tosin Thompson, Ancient DNA points to origins of modern domestic horses
20/10/2021 The New York Times. Sabrina Imbler, The horse you rode in on May have been made in Southern Russia
20/10/2021 Science. Ann Gibbons, Ancient DNA reveals the long-sought homeland of modern horses
19/09/2021 Pour la Science. Jean-Luc Voisin, L'ADN fossile, une machine à remonter le temps
08/08/2021 Sciences et Avenir. Bernadette Arnaud, L'origine des Scythes révélée par la génétique
17/07/2021 Science & Vie. Anne Debroise, Nous sommes tous des nomades des steppes
09/03/2021 National Geographic. Mehdi Benmakhlouf, Quand la paléogénétique bouleverse l'Histoire
01/03/2021 La Nouvelle République. Ambre Philouze-Rousseau, Ludovic Orlando: « La paléogénétique a permis de défantasmer le passé »
26/02/2021 Les Échos. Jessica Berthereau, Quand l'ADN fossile redessine le passé…
17/02/2021 Nature. Ewen Callaway, Million-year-old mammoth genomes shatter record for oldest ancient DNA

17/02/2021 Science. Michael Price, Mammoth molars yield the oldest DNA ever sequenced
24/01/2021 La Dépêche du Midi. Sophie Vigroux, Ludovic Orlando redonne un visage aux hommes du passé
20/01/2021 L'Écho.Simon Brunfaut, La mémoire du monde tient dans une molécule d'ADN
06/07/2020 Cheval Magazine. Marie Sénéchal, Une préférence pour les chevaux mâles durant l'Âge du Bronze ?
03/05/2019 5000 ans d'histoire du cheval domestique. Jean-Luc Nothias. Le Figaro
02/05/2019 Speedy horses evolved only recently. Jason Bittel. National Geographic
02/05/2019 Ancient DNA reveals two lost lineages of horses—but not their elusive origins. Elisabeth Pennisi. Science
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 & Exhibition [Non-scientific audience]
04/05/2022 Les Mystérieuses Origines du Cheval Domestique. Académie des Sciences de Toulouse
31/01/2022 L'ADN fossile : une véritable machine à remonter le temps. Association Club Enjeux de l'Alt, Tournefeuille
25/12/2021 World of Antiquity Youtube Channel. Who domesticated the horse? https://www.youtube.com/watch?v=HwQQM6NvKSg&t=2463s
15/11/2021 L'ADN fossile, une machine à remonter le temps Association CVA Lyon
26/10/2021 L'ADN des fossiles, une machine à remonter dans le temps. AFIS. https://www.youtube.com/watch?v=6x1-cH8chMw
15/09/2021 XXVIèmes Estivales de Malepère, Arzens. Voyager dans le temps avec l'ADN fossile https://www.youtube.com/watch?v=nlVm9Q214pE
22/09/2021 Voyager dans le temps avec l'ADN fossile. Lycée Berthelot, Toulouse
01/08/2021 Le Salon du Livre Préhistorique de la Chapelle-aux-Saints. Table Ronde, ADN : les clefs pour comprendre
20/05/2021 Festival L'Histoire à Venir. L'ADN dans tous ses états https://www.youtube.com/watch?v=xu6HjB33HLE&feature=youtu.be
13/12/2019 Voyager dans le temps avec l'ADN fossile. Maison de la Philosophie, Toulouse, France
19-31/10/2019 Festival Je veux Savoir. Quai des Savoirs, Toulouse, France
25/05/2019 Histoire à venir. Muséum d'Histoire Naturelle de Toulouse. Discussion with J-M Geneste & N Teyssandier
14/05/2019 Les grands séminaires de l'Observatoire Midi-Pyrénées. L'origine et l'impact du cheval dans l'histoire de l'humanité.
12/10/2018 MétamorphOse, 3ème Rendez-vous de l'Innovation.
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. Videnskabsgalla 2016. Copenhagen, Denmark.
04/10/2016 Reconstructing the (epi)genomes and microbiomes from ancient DNA fragments. Rejkiavyk, Iceland
12/02/2016 Darwin Day at the Centre for Ecological and Evolution Synthesis. Oslo, Norway

Cover pictures of 17 **Scientific Journals** [including 13 in the last five years: PNAS (2), Nat Rev Genet (1), Genetics (1), Genome Res, Science (3), Cell (3), Mol Ecol (1), Mol Ecol Res (2)