

Curriculum Vitae – Prof. Dr. Cosimo Posth

General Information:

Date of Birth: 24/July/1987
Gender: Male
Citizenship: Italian/German
Work Address: Department of Geosciences, University of Tübingen,
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Email: cosimo.posth@uni-tuebingen.de
Current Position: Junior Professor for Archaeo- and Palaeogenetics,
Senckenberg Centre for Human Evolution and Palaeoenvironment
Institute for Archaeological Sciences, University of Tübingen
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Research Focus

- Ancient DNA
- Population Genetics
- Human Evolution
- Archeological Sciences
- Demographic history

Postgraduate professional career

- Junior Professor for Archaeo- and Palaeogenetics, Institute for Archaeological Sciences, University of Tübingen, Germany (**2020 – present**)
- Group Leader of Human Paleogenomics, Department of Archaeogenetics, Max Planck Institute for the Science of Human History, Jena, Germany (**2019 – 2020**)
- Research stay at Department of Genetics, Harvard Medical School, Boston, USA (**1 – 3/2018**)
- Post-Doctoral researcher, Department of Archaeogenetics, Max Planck Institute for the Science of Human History, Jena, Germany (**2017 – 2019**)

University Training and Degree

- Doctoral dissertation in Archaeological Sciences, University of Tübingen, Germany (**2013-2017**)
- Master in Anthropological Sciences, University of Florence, Italy (**2010-2012**)
- Bachelor in Natural Sciences, University of Florence, Italy (**2006-2010**)

Publication record

- Publications: 62 papers in international peer-reviewed journals (*Nature, Science, Cell, Nat Commun, Sci Adv, Nat Ecol Evol, Nat Hum Behav, PNAS, MBE, Curr Biol, etc.*)
- Bibliometry: H-index Google Scholar 36

Selected Grants

- Spokesperson and Director of Leibniz Science Campus “Geogenomic Archeology Campus Tübingen (GACT)” W73/2022, 2,800,000€ (**2023-2027**)
- PI DFG Grant “Ancient human and pathogen genomics across the Roman Empire” PO 2391/3-1, 516,000€ (**2022 – 2025**)

Selected Fellowships and Awards

- Manfred Fuchs Prize for interdisciplinary research in Human Paleogenomics, Heidelberg Academy of Sciences and Humanities (**2024**)
- Distinguished Article Award, Annual Conference of the International Society of Biomolecular Archeology (ISBA), Tartu, Estonia (**2023**)
- EVEREST Graduate School (**2014 – 2017**)
- ERASMUS Placement scholarship (**2012**)

Supervision

- Post-doctoral researchers: Dr. Guido Alberto Gneccchi-Ruscione, Dr. Michal Feldman (funded by DFG), Dr. Lara Rubio Arauna (funded by Marie Skłodowska-Curie Action), Dr. Wanda Zinger (funded by Fyssen Foundation)
- Doctorate students: Marlin Tolla (**2024**, Free University of Berlin), Selina Carlhoff (**2023**, University of Tübingen), Valentina Zaro (**2023**, University of Florence), Tiago Ferraz (**2022**, University of Sao Paulo), Kathrin Nägele (**2021**, University of Tübingen), Orhan Efe Yavuz (**ongoing**, University of Tübingen), Arianna Weingarten (**ongoing**, University of Tübingen), Kim-Louise Krettek (**ongoing**, University of Tübingen), Emily Gaul (**ongoing**, University of Tübingen), Freya Steinhagen (**ongoing**, University of Tübingen), Meret Häusler (**ongoing**, University of Tübingen), Ayaka Nguyen (**ongoing**, University of Tübingen)
- Master's students: Britta Van-tiel (**2024**, University of Tübingen) Andrina Lerchi (**2024**, University of Tübingen), Samira Breitling (**2024**, University of Tübingen), Cosima Müller-Sussi (**2023**, University of Tübingen), Franziska Kaul (**2023**, University of Tübingen), Meret Häusler (**2023**, University of Tübingen), Kelsey Moreland (**2022**, University of Tübingen), Micaela Ciervo (**2022**, Erasmus Placement, University of Florence), Charoula Fotiadou (**2021**, University of Tübingen), Leah Böttger (**2021**, University of Tübingen), Robert Selan (**2021**, University of Tübingen), Paolo Marraccini (**2021**, Erasmus Placement, University of Pisa), Christian Chauvel (**2021**, University of Tübingen), Anastasios Stavropoulos (**2020**, University of Tübingen), Arianna Weingarten (**2020**, University of Tübingen), Valentina Zaro (**2019**, Erasmus Placement, University of Florence), Emilie Bertolini (**2017**, Erasmus Placement, University of Pavia)
- Bachelor's student: Jana Müller (**2024**, University of Tübingen), Ella Reiter (**2022**, Hochschule Furtwangen University)
- External grader PhD thesis: Pierre Justeau (**2022**, University of Huddersfield)

Teaching Activities

Courses at the University of Tübingen:

- Advances in Archaeo- and Paleogenetics (MSc)
- Laboratory Methods in Archaeo- and Paleogenetics (MSc)
- Perspectives in Human Evolution (MSc)
- Human and Molecular Genetics (BA)
- Introduction to Archeological Sciences (BA)

Peer review activity for

- Journals: *American Journal Physical Anthropology*, *Cell*, *Communications Biology*, *Current Biology*, *European Journal Human Genetics*, *Genome Biology*, *Journal Archaeological Sciences*, *Molecular Biology Evolution*, *Nature*, *Nature Ecology & Evolution*, *PLoS ONE*, *PNAS*, *Quaternary International*, *Science*, *Scientific Reports*
- Funding agencies: National Agency for Research in France (ANR), Czech Republic (GACR), Estonia (EST), Spain (AEI), Germany (DFG and Studienstiftung), Austria (FWF), Volkswagen

Foundation, European Research Council (ERC), Leaky Foundation

Editor activity

- Editorial Board: Animal studies. Genetics, anthropology and history for Trivent Publishing (**2022**)
- Invited editor for special issue in Annals of Human Biology (**2021**)

Organization of Scientific Meetings

- Conference: Annual meeting of students in Ecology and Evolution (STEVE), Tübingen (**2024**)
- Workshop and Retreat: Geogenomic Archeology Campus Tübingen (GACT), Tübingen (**2024**)
- Workshop: Human complex traits and social structure: Oceania into focus, Tübingen (**2024**)
- Symposium: 8th DFG Center Symposium "Words, Bones, Genes, Tools", Tübingen (**2023**)
- Session: 26th European Association of Archeologists (EAA) meeting, online (**2020**)
- Conference: 8th International Symposium on Biomolecular Archaeology (ISBA), Jena (**2018**)

Membership in Scientific Societies and Consortia

- Young Academy | Heidelberg Academy of Sciences and Humanities (**since 2024**)
- Leibniz Science Campus "Geogenomic Archaeology Campus Tübingen (GACT)" (**since 2023**)
- International Society for Biomolecular Archaeology (ISBA) (**since 2021**)
- European Society for the study of Human Evolution (ESHE) (**since 2020**)
- Gesellschaft für Urgeschichte (GfU) (**since 2020**)
- DFG Center "Words Bones Genes Tools", University of Tübingen (**since 2015**)
- American Association Biological Anthropology (AABA) (**2019, 2024**)

Invited Conference Presentations

Society for Molecular Biology and Evolution, Puerto Vallarta, Mexico (**2024**); Comprehensive results of archeological research in Tajikistan, Dushanbe (**2024**); Archeogenetics - Archaeology - History: Perspectives of interdisciplinary research, Heidelberger Akademie der Wissenschaften, Germany (**2023**); International Symposium of Health Informatics and Bioinformatics, Hacettepe University, Ankara, Turkey (**2023**); Systematics workshop Novi Sad, Serbia (**2023**); Tohoku University, Sendai, Japan (**2022**); Archeological Conference Central Germany, Halle, Germany (**2022**); EMBO|EMBL Symposium, Heidelberg, Germany (**2022**); Colombia-MPI Symposium, Bogotá, Colombia, (**2019**); Associazione Antropologica Italiana, Padova, Italy (**2019**); DFG Center for Advanced Studies, Words Bones Genes Tools, Tübingen, Germany (**2018, 2019**); FAPES-MPI Symposium, São Paulo, Brazil (**2018**); Osaka Medical University, Japan (**2018**); Denisova cave, Altai, Russia (**2018**); Federal University of Minas Gerais, Belo Horizonte, Brazil (**2017**)

Invited Lectures

Young Academy, Heidelberg Academy of Sciences and Humanities, Germany (**2024**); University of Campania, Naples, Italy (**2024**); HEAS Institute, University of Vienna, Austria (**2024**); Berliner Gesellschaft für Anthropologie, Ethnologie und Urgeschichte, Berlin, Germany (**2024**); Seminar series Senckenberg Dresden, Germany (**2024**); Computational and Molecular Population Genetics, University of Bern, Switzerland (**2024**); EMBO workshop, Hacettepe University, Ankara, Turkey (**2023**); Geosymposium University of Tübingen, Germany (**2023**); MONREPOS Archeological Research Center, Neuwied, Germany (**2023**); DFG funded NGS Competence Centers, Tübingen, Germany (**2023**); Italian Genetic Association, Cortona, Italy (**2023**); University of Toulouse, France (**2022**); PhD Retreat University of Florence, Italy (**2022**); University of Göttingen, Germany (**2022**); University of Zurich, Switzerland (**2021**); University of Copenhagen, Denmark (**2019**); University of Pavia, Italy (**2018**); University of Jena, Germany (yearly **since 2018**); University of Florence, Italy (**2018**); University of Cologne, Germany (**2017**)

Institutional Service

Spokesperson and Board Member of EVEREST Graduate School (Faculty of Science), University of Tübingen (**since 2020 and 2024**, respectively)

Vice-Director and Board Member of Interfaculty Institute for Archeological Sciences, University of Tübingen (**since 2023 and 2020**, respectively)

Board Member Center of Excellence Early Sapiens Behavior (SapienCE), University of Bergen (**since 2023**)

Member of the Study Commission for three study programs: Bachelor of Science Archaeological Sciences, Bachelor of Science Paleoanthropology, Master of Science in Archaeological Sciences, University of Tübingen (**since 2020**)

Public outreach

- Science and Innovation Days, Tübingen (**2024**)
- Presentation at Schelklingen Museum (**2024**)
- Presentation connected to temporary exhibition on Etruscans, Landesmuseum Hannover, Germany (**2024**)
- Basic Course in Archeology, Urgeschichtliches Museum Blaubeuren (**2023**)
- Stiftung Urmensch Mauer, Heidelberg (**2022**)
- Seminar for high schools in Genova, Italy within the European DNA Day Essay contest (**2022**)
- Presentation Science Cafe Florence (**2022**)
- Presentations in Hellenstein High School Heidenheim, Germany (**2021**)
- *Nature Ecology and Evolution*, Behind the paper blog post (**2021**)
- Senckenberg Science Magazine 'Urgeschichte Umgeschrieben' (**2021**)
- YouTube interview 'The DNA of Ice Age Europe' (**2020**)
- Pint of Science, Planet Earth, Trento, Italy (**2018**)
- Research featured in multiple news articles and radio stations including: *Nature*, *Science*, *Cell*, *Nature Review Genetics*, *National Geographic*, *BBC*, *The Guardian*, *The New York Times*, *New Scientist*, *Spiegel Online*, *Die Zeit*, *Süddeutsche Zeitung*, *SWR*, Bayerischer Rundfunk, Quirks&Quarks, etc. (**since 2016**)