

## 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,  
Hölderlinstr. 12, 72074 Tübingen, Germany  
Phone: +49-7071-29 74089  
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  
ORCID 0000-0002-8206-3907

### 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 Tuebingen, 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

- 54 publications 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 34

### Selected Grants, Fellowships and Awards

- Collaborator on ERC Starting Grant “PROTOPEST” (**2024 – 2029**)
- Spokesperson of Leibniz Science Campus “Geogenomic Archeology Campus Tübingen (GACT)” (**2023-2027**)
- PI DFG Grant “Ancient human and pathogen genomics across the Roman Empire” (**2022 – 2025**)
- Collaborator on ERC Starting Grant “NEADMIX” (**2022 – 2026**)
- Collaborator on ERC Advanced Grant “FIRSTSTEPS” (**2021 – 2025**)

- Collaborator on ERC Starting Grant “WAVES” (2018 – 2022)

### Selected Fellowships and Awards

- Manfred Fuchs Prize, 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. Michal Feldman, Dr. Lara Rubio Arauna (funded by Marie Skłodowska-Curie Action), Dr. Wanda Zinger (funded by Fyssen Foundation)
- Doctorate students: 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), Marlin Tolla (ongoing, Free University of Berlin)
- Master’s students: 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), Anja Furtwängler (2015, University of Tübingen)
- Bachelor’s student: 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*, *Current Biology*, *European Journal Human Genetics*, *Journal Archaeological Sciences*, *Molecular Biology Evolution*, *PLoS ONE*, *PNAS*, *Nature*, *Nature Ecology & Evolution*, *Quaternary International*, *Science*, *Scientific Reports*
- Funding agencies: National Agency for Research in France (ANR), Czech Republic (GACR), Estonia (EST), Spain (AEI), Germany (DFG and Studientstiftung), Austria (FWF), Volkswagen Foundation and European Research Council (ERC)

### 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

- Symposium: 8<sup>th</sup> DFG Center Symposium "Words, Bones, Genes, Tools", Tübingen, Germany (2023)
- Session: 26<sup>th</sup> European Association of Archeologists (EAA) meeting, online (2020)
- Conference: 8<sup>th</sup> International Symposium on Biomolecular Archaeology (ISBA), Jena, Germany (2018)

### Membership in Scientific Societies and Consortia

- 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 (forth. 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

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

- 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)
- Board Member of EVEREST Graduate School (Faculty of Science), University of Tübingen (since 2020)
- 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**

- 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**)