Curriculum Vitae – Chiara Barbieri

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Current position

Oct/2026	Associate Professor in Genetics. Department of Environment and Life Sciences, University of Cagliari, Italy
Jul/2020	Invited affiliation: Independent Group Leader. Research group "Human genetic diversity across languages and cultures". University of Zurich, Switzerland.

Higher education

2010 – 2013	**PhD in Biodiversity and Evolution**, University of Bologna, Italy, and Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany. Title of Dissertation: *Comparing genetic and linguistic diversity in African populations with a focus on the Khoisan of southern Africa*. Final score: excellent with mention.
2005 – 2008	**Master Degree in Biodiversity and Evolution,** University of Bologna, Italy. Final score: 110 out of 110 with Honors.
2002 – 2005	**Bachelor Degree in Natural Sciences**, University of Bologna, Italy.

Academic Career

Oct/2023 – Oct/2026	**Senior Assistant Professor** in Genetics (RTDb). Department of Environment and Life Sciences, University of Cagliari, Italy
Feb/18 - Jun/20	**Senior Postdoc (Oberassistant)** at University of Zurich, Switzerland.
Jul/15 – Jan/18	**Postdoctoral position** at Max Planck Institute for the Science of Human History, Jena, Germany.
Dec/14 - Jun/15	**Postdoctoral position** at Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany.
Jul/13 - Oct/14	**Postdoctoral position** at University of Bologna, Italy
Sep/09 - Apr/13	**PhD position** at Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany.

Scientific experiences and training

Sept/26	**Conference organization.** SMBE Satellite Meeting on Gene–Culture Co-Evolution (Cagliari, 21-23 Sept 2026).
Sept/24	**Fieldwork in Venezuela.** Human sample collection in the Eastern Region. Field organization and project coordination.

Jul/24	**Symposium organization.** "Human population demography and adaptation signals in the Americas", Conference of the Society of Molecular Biology and Evolution SMBE, Puerto Vallarta, Mexico
Jun/23	**Scientific Committee.** International conference **"**Evolution in Action". Centro Congressi Stefano Franscini, Monte Verità, Switzerland.
Mar/22	**Fieldwork in Chile.** Returning the results of a genetic study. Field organization and project coordination.
Aug/21	**Workshop organization. "**The South American Ethnosphere". Centro Congressi Stefano Franscini, Monte Verità, Switzerland.
May/19	**Fellowship at the DFG Center Words Bones Genes Tools, University of Tübingen, Germany.** Collaboration for the study of genetic and linguistic diversity in Peru.
Jan/19	**Fieldwork in Chile.** Human sample collection with Mapuche communities. Field organization and project coordination.
Dec/18	**Symposium organization. "**New Methods and Discoveries in Human Archaic Admixture". University of Zurich.
Apr/16 - May/16	**Visiting guest at the Institut für Rechtsmedizin - Charité - Universitätsmedizin Berlin.** Y chromosome analysis in the Forensic Genetic department.
Dec/15	**Workshop co-organization. "**A cross-disciplinary prehistory of Andean Civilisation". Max Planck Institute for the Science of Human History, Jena.
Nov/15 - Dec/15	**Fieldwork in Peru.** Human sample collection in the northern coast. Field organization and project coordination.
Jan/15 - Feb/15	**Fieldwork in Peru.** Human sample collection in the Chachapoyas province. Field organization and project coordination.
Oct/13 and Dec/13	**Fieldwork in Italy.** Human sample collection among local populations.
Nov/09 – Dec/09	**Fieldwork in Botswana.** Human sample collection among native populations.
Oct/08 – Jul/09	**Internship at Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany,** on project "Population relationships and language change in Burkina Faso".
Jun/08 – Aug/08	**Internship on Molecular Anthropology, Parc Recerca Biomèdica de Barcelona (PRBB), Barcelona, Spain**. Lab analysis for the *Genographic Project* (National Geographic, IBM)
Aug/07 – Feb/08	**Laboratory experience** on Molecular Anthropology, University of Bologna, Italy
Apr/07 – Jun/07	**Fieldwork in Peru -** Human sample collection and anthropometrical measurements among native populations of the highlands and of the jungle.
Jun/06 and Jul/07	**Paleo-archaeological excavations** at Isernia-La Pineta, Italy**.** Collaboration with University of Ferrara, Italy.

Talks, conference presentations, invited seminars

October 2026	**Sevilla, Spain** – workshop Sinapsis, X Meeting of Peruvian Scientists in Europe. Invited keynote: "The genetic and cultural landscape of Peru: connecting pre-Hispanic histories with present-day communities"
June 2026	**Barcelona, Spain** – workshop Trends in Language Evolution, Change & Diversity (TRENCADIS). Invited talk: "Linking human genetic histories with patterns of language diversity"
May 2026	**Zurich, Switzerland** – workshop "Rivers" organized by the Swiss School of Latin American Studies (SSLAS) and the Latin American Center Zurich. Invited talk: "Human genetic relationships in the northern Neotropics: Connections between the Orinoco Delta, the Caribbean, and Mesoamerica"
April 2026	**Cambridge, UK** – 16th International meeting on Visualizing Biological Data (VIZBI 2026). Invited talk: "Genetics & molecular anthropology" (online)
August 2025	**Cagliari, Italy** – Conference AAI Associazione Antropologica Italiana. Talk: "Human demography shapes patterns of language diversity across the world"
June 2025	**Lima, Peru** – Pontificia Universidad Católica del Perú. Invited seminar: "El Perú indígena: orígenes y (pre)historia genética"
June 2025	**Chiclayo, Peru** – Universidad Católica Santo Toribio de Mogrovejo. Invited seminar: "La genética para reconstruir la historia: entrecruzando biología y cultura en Sudamérica"
June 2025	**Caracas, Venezuela** – Venezuelan Institute for Scientific Research (online). Invited seminar: "Historia pre-colonial en Sudamérica: integración de información genética y cultural"
May 2025	**Belgrade, Serbia** – 13th International Congress on Haploid Markers. Talk: "Reassessing Y Chromosome Diversity with the T2T Human Genome Reference"
October 2024	**Busan, South Korea** – IBS conference on Climate and Human Evolution. Invited keynote: "Contrasting genetic and linguistic histories and population dynamics"
September 2024	**Caracas, Venezuela** – Venezuelan Institute for Scientific Research. Invited seminar: "Historias genéticas y culturales humanas"
September 2024	**Rome, Italy** – Congresso Gruppo Italiano Giovani Antropologə, Invited keynote: "Human genetic and cultural histories: blending disciplines and creating narratives"
May 2024	**Barcelona, Spain** – Invited seminar: "Matches and Mismatches between human genetic and linguistic histories"
February 2024	**Leiden, the Netherlands** – Invited seminar: "A global analysis of matches and mismatches between human genetic and linguistic histories"
January 2024	**Vienna, Austria** – HEAS seminar series Ancient Genomics. Invited seminar: "Contrasting linguistic and genetic histories with a global genetic dataset"
September 2023	**Caracas, Venezuela** – Simposio de Investigación en Arqueología y Paleontología de Venezuela. Invited talk: "Migraciones y diversidad humana en Sudamérica: una perspectiva genética"
August 2023	**Zurich, Switzerland** – Annual conference of the Latin American Center Zurich. Invited Keynote: "Genética, lenguaje y el poblamiento de América del Sur"
August 2023	**Leipzig, Germany** – Invited seminar: "Contrasting linguistic and genetic histories with a global genetic dataset"
April 2023	**Zurich, Switzerland** - Speech Units Workshop. Invited Talk: "Participation and transparency in the field: a conversation on best ethical practice"

May 2023	**Budapest, Hungary** - 12th Haploid Markers Conference. Invited Keynote: "A global analysis of matches and mismatches between human genetic and linguistic histories"
March 2023	**Tohoku University, Japan** – Yotta Informatics symposium. Invited speaker (online): "Contrasting linguistic and genetic histories of human populations with a global genetic dataset"
September 2022	**Heidelberg, Germany** - EMBO | EMBL Symposium Reconstructing the human past: using ancient and modern genomics. Talk: "The genetic history of the southern Andes reconstructed from present day Mapuche ancestry"
December 2021	**Barcelona, Spain** (online)– Master course of empirical linguistics. Invited lecture: "Genetic and linguistic diversity: reconstructing the past, understanding the present"
November 2021	**Jena, Germany** (online)– Workshop: Archaeology and language. Invited speaker (with Matthias Urban and Kurt Rademaker): "The languages of the Andes"
October 2021	**Freiburg, Germany –** Workshop: Critical Life Science. Invited speaker: "Genetic studies and multidisciplinary approaches between history, representation and identity"
September 2021	**Zurich, Switzerland –** Workshop: The molecular anthropology of language. Invited speaker: " Matches and mismatches between human genetic history and language diversity"
August 2021	**Zurich, Switzerland –** Workshop: The reconstruction of human history through an interdisciplinary approach. Invited speaker: "Mobility vs continuity: confronting stories and perspectives from the genetic record"
May 2021	**Zurich, Switzerland –** Conference "Race and racism" (online). Invited speaker: "Racism and representation in genetic and bioanthropological studies".
January 2021	**Lima, Peru –** Global Microbiome Network-First Latin American Symposium (online). Invited speaker: "Bioanthropological research and community participation in South America".
October 2020	**Zurich, Switzerland –** NCCR-ISLE colloquium series, UZH (online). Invited speaker: "Integrating human genetics and linguistic diversity"
May 2020	**Tübingen, Germany –** Weekly kolloqium DFG Center Words, Bones, Genes and Tools, (online). Invited speaker: "Bridging the cultural and biological histories of human populations - from local to global"
April 2020	**Los Angeles, USA –** AAPA annual meeting (online). Poster presentation: "Genetic relationships and linguistic diversity in present-day populations of South America".
November 2019	**Lima, Peru –** Simposio Genómica, Salud, Historia y Diversidad Humana. Invited speaker: "Migración, Genética y Lingüística en la Prehistoria de Sudamérica".
June 2019	**Split, Croatia –** 11th ISABS Conference on Human Genome Project Based Applications in Forensic Science, Anthropology and Individualized Medicine. Poster presentation: "A catalogue of human ancestry components from population studies".
June 2019	**Genève, Switzerland –** Conference Peopling History of Africa. Poster presentation: "A bioarchaeological study of African individuals from an early Colonial period context from Mexico City".
April 2019	**Zurich, Switzerland –** Ringvorlesung der Kommission UZH Interdisziplinär. Invited seminar: "Genetic footprints of pre- and post-colonial contact in the Americas".

March 2019	**Heidelberg, Germany –** EMBO-EMBL symposium Reconstructing the Human Past - Using Ancient and Modern Genomics. Talk and poster: "Gene-Language mismatches in global human history".
March 2019	**Fribourg, Switzerland –** Invited lecture: "Genes and Languages: bridging our biological and cultural history".
March 2019	**Zurich, Switzerland –** Inaugural workshop of the Center for the Interdisciplinary Study of Language Evolution. Talk: "Language-Gene mismatches in global human history".
December 2018	**Jena, Germany –** Historical linguistics workshop. Invited speaker: "Bridging human genetic diversity and language change".
August 2018	**Zurich, Switzerland –** Mini-symposium of the Latin American Center Zurich. Invited speaker: "Genetic fingerprints of human migration and contact in South America".
July 2018	**Yokohama, Japan –** workshop "the (co-)evolution of genes, languages, and music from data analyses to theoretical models" Invited speaker: "Matches and mismatches between genes and languages: a case study from South America".
July 2018	**Yokohama, Japan –** Meeting of the Society of Molecular Biology and Evolution. Poster presentation: "Genome-wide variation in the Andes, Amazonia and Pacific coast of western South America".
June 2018	**Nijmegen, Netherlands –** conference Interdisciplinary Approaches in the Language Sciences. Invited Speaker: "Language and genes: bridging our biological and cultural history".
November 2017	**Hinxton, UK –** conference Human Evolution: Fossils, Ancient and Modern Genomes. Poster presentation: "Reconstructing human diffusion and collapse in the Americas".
October 2017	**Sao Paulo, Brazil –** Invited talk: "Evidencia genética de expansión y colapso poblacionales en las Américas".
October 2017	**Belo Horizonte, Brazil –** symposium "Populating the diverse landscapes of South America". Invited participant.
September 2017	**Tübingen, Germany –** Invited talk: "Matches and mismatches between genetic and linguistic diversity".
June 2017	**Barcelona, Spain –** workshop Co-evolutionary patterns and transition: Analysing processes of cultural change in cross-cultural and diachronic contexts. Invited talk: "Matches and mismatches between genetic and linguistic diversity: A case-study from the Andes".
March 2017	**Nijmegen, The Netherlands –** Invited Lecture at Max Planck Institute for Psycholinguistics "Matches and mismatches between genetic and linguistic diversity".
December 2016	**Paris, France–** Workshop "DNA polymorphisms in human populations". Talk: "Reconstructing human diffusion and collapse in the Americas"
November 2016	**Tübingen, Germany –** Symposium "New perspectives on the peopling of the Americas". Invited speaker: "Reconstructing demographic change and population movements through the Amazonia to Pacific corridor"
August 2016	**Jena, Germany –** Mini African Symposium – Linguistics, Genetics and Archaeology. Invited talk: "The role of West Africa within sub-Saharan genetic diversity"
July 2016	**Gold Coast, Australia –** Meeting of the Society of Molecular Biology and Evolution. Poster presentation: "Reconstructing human diffusion and collapse in the Americas"

April 2016	**Berlin, Germany –** Workshop Haploid Markers. Talk: "Y chromosome sequences from southern Africa: diversity, coalescence times, and rate variation"
January 2016	**Huddersfield, UK –** Invited Lecture: "Insights into African population prehistory - From genetic and linguistic data"
September 2015	**London, UK –** Meeting of the European Society for the study of Human Evolution (ESHE). Talk: "Paleolithic signatures from European glacial refugia revealed by mtDNA genomes"
May 2015	**Leipzig, Germany –** Workshop "Speaking (of) Khoisan: a symposium reviewing southern African prehistory". Invited speaker.
February 2015	**Leipzig, Germany –** The Human Mutation Rate Meeting. Poster presentation: "Estimating the TMRCA of the Y chromosome phylogeny with new sequence data from southern Africa"
June 2014	**Halle, Germany –** Workshop "The Claims of Descent: Science, Representation, Race and Redress in 21st Century South Africa". Invited speaker. Talk "The use of the "ethnolinguistic" unit in genetic and linguistic research"
April 2014	**Leicester, UK –** EMBO congress "Human evolution in the genomic era: Origins, populations and phenotypes". Talk and poster: "Language contact and genetic variation in South America: the case of the Peruvian Yanesha"
October 2013	**Boston, USA –** Meeting of the American Society of Human Genetics. Poster presentation: "Y chromosomal sequences from southern Africa allow direct comparison of paternal and maternal prehistories"
August 2013	**Leipzig, Germany –** Workshop on Language diversity and prehistory. Invited speaker. Talk: "Prehistorical relationships in the Americas inferred through population genetics"
September 2012	**Firenze, Italy –** Incontro Nazionale Giovani Antropologi. Invited speaker. Talk: "Variabilità genetica e linguistica a confronto in popolazioni Khoisan africane"
June 2012	**Dublin, Ireland –** Meeting of the Society of Molecular Biology and Evolution. Poster presentation: "mtDNA genomes of Khoisan populations deciphered under a linguistic and social anthropological perspective"
November 2011	**Leipzig, Germany** – Symposium on Population Prehistory of the Andes: A Cross-Disciplinary Conspectus. Invited presentation.
October 2011	**Berlin, Germany –** Workshop on Methodology in Linguistic Prehistory. Invited speaker. Barbieri C. & Pakendorf B. "Integrating molecular data into the linguistic perspective on Khoisan prehistory"
July 2010	**Lyon, France** – SMBE meeting. Poster presentation: "Complete mtDNA genome and Y chromosome data from West Africa: demographic history and population contact in Burkina Faso"
June 2009	**Split, Croatia -** 6th ISABS Conference on Human Genome Project Based Applications in Forensic Science, Anthropology and Individualized Medicine. Talk and poster: "mtDNA variability in native Andean populations: the case of Lake Titicaca"

Grants, awards, fellowships

June 2025	Grant "Extension grant" from the Swiss National Centre of Competence in Research (NCCR) Evolving Language, for the project "Reconstructing the Genetic and Linguistic History of Sardinia: A Case Study of Cultural and Demographic Boundaries" (29'494 CHF)

October 2024	Grant “TTF grant” from the Swiss National Centre of Competence in Research (NCCR) Evolving Language, for the project “Upscaling gene-language comparisons through historical paths and present-day diversity” (60,000 CHF)
November 2022	Grant “new research format” to produce a documentary, from the Latin American Zentrum Zurich, Switzerland (2,000 CHF)
August 2021	Fellowship for workshop organization from the NCCR Evolving Language (3,000 CHF) and the Latin American Zentrum Zurich, Switzerland (3,000 CHF)
2017 - 2019	Post-Ph.D. Research Grant from the Wenner-Gren Foundation (20,000 $)
December 2018	Fellowship for symposium organization from the University Research Priority Program “Evolution in Action” of the University of Zurich, Switzerland (3,200 CHF)
February 2015	Grant for fieldwork in Peru from the Department of Linguistics, Max Planck Institute for Evolutionary Anthropology, Leipzig (1500 €)
September 2013	Award for Best PhD thesis from the Italian Association of Genetics
June 2011	Scholarship for tuition fees of Summer Institute in Statistical Genetics from University of Washington, Seattle, USA. (1200 $)
June 2009	Split, Croatia - 6th ISABS Conference on Human Genome Project Based Applications in Forensic Science, Anthropology and Individualized Medicine. Recipient of Young Investigator Award (500 €)
April 2007	Grant from University of Bologna for fieldwork in Peru (1000 €)

Teaching experience

University of Cagliari

Master courses

2024 - 2026: Semester course “Evolutionary Genomics” 7 CFU.

2025 - 2026: Semester module “Genomics” 3 CFU.

University of Zurich

Undergraduate courses

2018 - 2024: Block course BIO373, Next Generation Sequencing for Evolutionary and Ecological Genomics.

Master courses

2019 - 2023: Semester course “Introduction to Human Genetics and Bioanthropology for linguists”.

PhD courses

2019, 2020, 2022: BIO624 - Human Genetic, Demographic and Cultural Diversity.

University of Leipzig

2010 - 2013: Lectures for the graduate course of Molecular Anthropology.

University of Bologna

2008 - 2017: Teaching Assistance for undergraduate and graduate courses: Human Genetics, Physical Anthropology, Human Anatomy and Osteology, Human Ecology, Statistical Genetics for Molecular Anthropology. Lectures, laboratory sessions, computer sessions and grading.

Teaching for graduate programs

2025: SIBE summer school. Organized by Società Italiana di Biologia Evoluzionistica. Population Genomics module with lectures and bioinformatics exercises

2019: Bioinformatic analysis in human genetic diversity. Invited tutor for the workshop on human diversity at University of San Martín de Porres, Lima, Peru. 2 days lectures and exercises.

2016-2017: Tutor for the Spring School of Quantitative Methods/Masterclass, MPI SHH Jena. Introduction to Genetics and phylogenetic reconstruction. 2 days lectures and exercises.

Professional Memberships

Society for Molecular Biology and Evolution, European Society for the study of Human Evolution, Associazione Antropologica Italiana, Associazione Genetisti Italiani, Società Italiana di Biologia Evoluzionistica, Registro degli Antropologi Forensi Italiani, Lateinamerika-Zentrum Zürich

Outreach activities

Producer of the documentary "Finding First Peoples: the Mapuche" (CH/IT, 2023, 65 min, director: Renato Giugliano), financed with resources obtained from various institutions in Zurich. The audiovisual project shows how scientists can interact with participants of a study, promote ethical practice in genomic science, and give voice to indigenous minorities of Southern Chile.

Realization of a short movie about Language for the Zurich SciFilm Hackathon.

Curation of press releases for scientific articles. Interviewed for The Atlantic, Smithsonian Magazine, UZH magazine, Pikaia (IT), Betapress (IT), OggiScienza (IT), Radio3 RAI scienza (IT), SRF – Swiss Radio Television. Participation to the documentary "Peru's Mysterious Cloud Warriors" for Curiosity Stream channel.

Schools: Participation to the programs "Skype a Scientist" and "Penne amiche della Scienza" for scientific outreach in high schools. Zoom seminars to present the job of scientific research and the importance of women in science (in Italy).

General public: invited speaker for events for the 8th of March to promote the role of women in science/STEM (in Italy).

Other academic activity and qualifications

Reviewer for Molecular Biology and Evolution, American Journal of Human Genetics, BMC Genomics, PNAS, Cell, Plos One, American Journal of Physical Anthropology, European Journal of Human Genetics, American Journal of Human Biology, AIMS Genetics, Quaternary International, Human Heredity, Journal of Language Evolution, Forensic Science International: Genetics, Scientific Reports, Nature Communication, Current Anthropology, Annals of Human Genetics, Genome Biology.

Ad hoc reviewer for PhD thesis, master thesis, national and international grants. Member of PhD review committees. Member of PhD program of Life Sciences at the University of Zurich and *collegio dei docenti* University of Cagliari. Main supervisor for 3 master students, 2 bachelor thesis, 2 PhD students at University of Zurich.

Associate editor for the Journal of Language Evolution. Academic editor for PeerJ.

Member of the scientific committee of the conference EvoLang – Evolution of Language. Member of the steering committee for the URPP Evolution in Action at the University of Zurich. Senior researcher of the NCCR Evolving Language – National Science Foundation, Switzerland.

Italian habilitation as full professor in Anthropology and Human Genetics. Abilitazione Scientifica Nazionale: 05/B1, valid until 10/07/2037; 05/I1, valid until 04/07/2037

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Publications

Jaimes A, Vargas D, Becerra-Valdivia L, Lari M, Modi A, Mafessoni F, **Barbieri C,** Sánchez-Villagra MR. 2026. Late Holocene Maize Diversity and Cultural Remains from the Northern Neotropics: The Site of Cueva La Capilla, Venezuelan Andes. Latin American Antiquity 1–15. https://doi.org/10.1017/laq.2026.10188

Piette T, Cathcart C, **Barbieri C**, Ming KM, Grandjean D, Bickel B, Déaux E, Giraud A-L. 2026. Animal acoustic communication has a conserved optimal rhythm within the neural delta range. *PLOS Biology* 24 (6): e3003798. https://doi.org/10.1371/journal.pbio.3003798.

Lankheet I, Chowdhury A, Tellgren-Roth C, Jolly C, Soares AER, de Navascués M, Pacchiarotti S, Maselli L, Kouarata G, Donzo JP, Coetzee V, de Castro M, Ebbesen P, Priehodová E, Podgorná E, Černý V, Green ST, Harena P, Bakrobena L, Fomine FLM, Tolesa ZGM, Mengesha WA, de Jongh M, Soodyall H, Bostoen K, **Barbieri C,** Larena M, Malmström H, Schlebusch CM. 2026. Revisiting the African mtDNA landscape through complete mitochondrial genomes. *Commun Biol* **9**, 754 https://doi.org/10.1038/s42003-026-10330-9

Graff A, Ringen EJ, Zakharko T, Stoneking M, Shimizu KK, Bickel B*, **Barbieri C*.** 2026. (*last authors contributed equally) An Inverse Correlation between Structural Linguistic and Human Genetic Diversity. *Proceedings of the National Academy of Sciences* 123 (18): e2526762123. https://doi.org/10.1073/pnas.2526762123.

Castro e Silva MA, Nunes K, Ribeiro MR, Passarelli-Araujo H, Lemes RB, Kimura L, Sacuena P, Amorim CEG, Bortolini MC, Mill JG, Guerreiro JF, **Barbieri C,** Hernández-Zaragoza DI, Walter A, Chowdhury TN, Macías-Herrera D, Lara-Riegos JC, Del Castillo-Chávez O, Zurita C, Tito-Álvarez AM, Vásquez-Domínguez E, Moo-Mezeta ME, Torres-Romero JC, Aguilar-Campos A, Serrano-Osuna R, Parolín ML, Bravi CM, Ramallo V, Bailliet G, Revollo S, Sandoval JR, Fujita R, Barquera R, Santos FR, Comas D, Hünemeier T. 2026. The evolutionary history and unique genetic diversity of Indigenous Americans. *Nature*, pp. 1–12. https://doi.org/10.1038/s41586-026-10406-w.

Graff A, Blasi DE, Ringen EJ, Bajić V, Bavelier D, Shimizu KK, Pakendorf B, **Barbieri C*,** Bickel B*. 2025. (*last authors contributed equally) Patterns of genetic admixture reveal similar rates of borrowing across diverse scenarios of language contact. *Science Advances* 11, eadv7521. https://doi.org/10.1126/sciadv.adv7521

Aguirre-Fernández G, **Barbieri C**, Jett SC, Carrillo-Briceño JD, Cámara-Leret R, Sánchez-Villagra MR. 2025. A global database on blowguns with links to geography and language. *Evolutionary Human Sciences*;7:e26. https://doi.org/10.1017/ehs.2025.10005

Huber LL, Arango-Isaza E, Sandoval JR, Urban M, Francalacci P, Calò C, Macholdt E, Stoneking M, Roewer L, Seidel M, Acosta O, Fujita R, Shimizu KK, **Barbieri C.** 2025. "Human Population History on the North Coast of Peru from Y Chromosomes and Mitogenomes." *Scientific Reports* 15 (1): 27362. https://doi.org/10.1038/s41598-025-08241-6.

Menéndez, L.P., Rios, C., Acosta Morano, C., Novellino, P., Schmelzle, T., Aguirre-Fernández, G., Breidenstein, A., Barquera, R., Schuenemann, V.J., Stafford, T.W., Sánchez-Villagra, M.R., **Barbieri, C.**, 2025. A human skeleton from Última Esperanza, South-West Patagonia, Chile: Osteobiography, morphometric, and genetic analysis. *Journal of Archaeological Science: Reports* 65, 105237. https://doi.org/10.1016/j.jasrep.2025.105237

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Morris, A. G., Salie, T., Mittnik, A., Rebello, G., **Barbieri, C**., Parkington, J., Krause, J., & Ramesar, R. 2025. Reconstructing ancient Southern African mitochondrial genomes at Faraoskop. *Archaeological and Anthropological Sciences*, 17(1), 11. https://doi.org/10.1007/s12520-024-02130-1

Passmore S, Wood ALC, **Barbieri C**, Shilton D, Daikoku H, Atkinson QD & Savage PE. 2024. Global musical diversity is largely independent of linguistic and genetic histories. *Nat Commun* 15, 3964. https://doi.org/10.1038/s41467-024-48113-7

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Menéndez LP, **Barbieri C**, López Cruz IG, Schmelzle T, Breidenstein A, Barquera R, Borzi G, Schuenemann VJ, Sánchez-Villagra M. 2023. On Roth's "human fossil" from Baradero, Buenos Aires Province, Argentina: morphological and genetic analysis. *Swiss J Palaeontol* 142, 26. https://doi.org/10.1186/s13358-023-00293-3

Arango-Isaza E, Capodiferro MR, Aninao MJ, Babiker H, Aeschbacher S, Achilli A, Posth C, Campbell R, Martínez FI, Heggarty P, Sadowsky S, Shimizu KK, **Barbieri C.** 2023. The genetic history of the southern Andes from present-day Mapuche ancestry. *Current Biology* 33, 1-14. https://doi.org/10.1016/j.cub.2023.05.013

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