

Marco Romboni

Personal details

Name	Marco Romboni
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Address	Via Dei Borghi 836/B, 55054 Massarosa (LU)
Date of birth	July 2, 1987
Nationality	Italian

Profile

I hold a master degree in Human Biology and Evolution from the University of Roma Tor Vergata (Italy); currently, I am a Ph.D. student in Biology at the University of Pisa. During these years, I worked with different field of biological anthropology, and I had the opportunity to work with interdisciplinary team groups.

CURRENT RESEARCH TOPIC:

Stable Isotope analysis
Ancient Genomics
Skeletal Biology

Education

Nov 2020 - Present	Ph.D student in Biology University of Pisa The research project aims to obtain a comprehensive and precise reconstruction of the paleoenvironmental conditions of the Italian Peninsula during the Middle to Upper Paleolithic transition through a multidisciplinary approach.
Oct 2018	Master degree in Human Biology and Evolution University of Rome Tor Vergata, Rome Thesis: Caratterizzazione di due comunità protostoriche dell'Italia centrale: i casi di Santa Palomba e grotta La Sassa. (<i>Characterization of two protohistoric communities in central Italy: the cases of Santa Palomba and La Sassa cave</i>). Supervisor: Olga Rickards
Feb 2016	Dental anthropology Workshop. School of Palaeoanthropology, Perugia
Sep 2015	Bachelor degree in Biological Sciences, Department of Biology University of Pisa Thesis: Metodi di estrazione e analisi di DNA da campione osseo. (<i>Methods of DNA extraction and analysis from bone sample</i>). Supervisor: Isabella Spinetti
Feb 2015	Virtual paleoanthropology and geometric morphometry Workshop School of Palaeoanthropology, Perugia

Employment

2023	Consultant Anthropologist Civico Museo Archeologico, Camaiore, Lucca (Italy) Study of osteological material referable to human burials found in the Buca del Corno, through molecular analysis and radiological dating to obtain multiple information useful for reconstructing individual biological profiles.
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2019 - 2020

Research fellow

Department of Biology, University of Rome Tor Vergata, Rome

GEDEON: GENomics and diet: Evolution and Objectives of nutritional evaluation.

Genomic and metagenomic analysis of DNA extracted from skeletal remains (petrous temporal bone or teeth) and dental calculus, with particular attention to genomic regions related with nutrigenomic influence and to the identification of the oral microbiota.

2017 - 2020

Lecturer in Anthropology

University of Rome Tor Vergata, Roma

2017 - 2020

Consultant Anthropologist

Soprintendenza Speciale per i Beni Archeologici di Roma, Roma

Technical Experience

- Extraction of the organic component from bone tissue
- Analysis of stable isotopes of carbon, nitrogen, oxygen and strontium from osteo-dental tissue
- DNA Extraction from buccal swabs, whole blood
- *In vitro* amplification of genomic segments
- Direct Sequencing by Sanger methodology
- Libraries preparation for Next Generation Sequencing through Illumina technology
- Bioinformatic analysis of genomic data
- Excellent knowledge of Microsoft tools, the R statistical environment, and Bioinformatic softwares in bash languages for genomic and metagenomic analysis.

Skills

Fast Learner	Very good
Communication Skills	Very good
Predisposition to Teamwork and Dialogue	Very good
Organization and Leadership	Very good
Flexibility and Adaptability	Very good
Creative Problem Solving	Excellent

Languages

Italian	Fluent
English	Very good

Certifications

Mar 2021	English for Research Publication and Presentation Purposes - University of Pisa C1 level
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Grants and Awards

Aug 2018	Best Poster Award Title: "Diet, Lifestyle and Disease in a Copper Age Community from "La Sassa" cave (Italy)." 21st Congress of European Anthropological Association. Odense, Denmark. Poster presentation.
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Organized Conference and Symposia

Sep 2017	XXII Congress of Associazione Antropologica Italiana Organizing Committee Rome, Italy, September 6-8
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Field Experience

Archaeological Excavation at “Grotta del Leone” (Pisa). University of Pisa (Prof. D. Marchi). Sep 2021
Archaeological Excavation at “Guattari” cave (Latina). University of Rome Tor Vergata (Prof. M.F. Rolfo). 2019
Archaeological Excavation at “La Sassa” cave (Latina). University of Rome Tor Vergata (Prof. M.F. Rolfo) and University of Groningen (Dr. Alessandri). Jul 2018
Archaeological Excavation at “La Sassa” cave (Latina). University of Rome Tor Vergata (Prof. M.F. Rolfo) and University of Groningen (Dr. Alessandri). Jul 2017
Archaeological Excavation in “Crustumerium” (Rome). University of Groningen (Prof. P. Attema). Jul 2017
Archaeological Excavation in “Mora Cavorso” (Rome). University of Rome Tor Vergata (Prof. M.F. Rolfo). 2017
Archaeological Excavation in “Leopoli-Cencelle” (Rome). Sapienza University (Prof. F. Stasolla). Sep 2016
Archaeological Excavation at Olduvai Gorge in Tanzania, Africa. University of Perugia and University of Dar es Saalaam (F.T. Masao). Aug 2015

Publications

(Citations: 47, h-index: 4 on Scopus)

Romboni, M., Arienzo, I., Di Vito, M.A., Lubritto, C., Piochi, M., Di Cicco, M.R., Rickards, O., Rolfo, M.R., Sevink, J., De Angelis, F., Alessandri, L. (2023) La Sassa cave: Isotopic evidence for Copper Age and Bronze Age population dynamics in Central Italy. *PLoS ONE* 18(7): e0288637. <https://doi.org/10.1371/journal.pone.0288637>

De Angelis, F., Romboni, M., Veltre, V., Catalano, P., Martínez-Labarga, C., Gazzaniga, V., Rickards, O. (2022). First Glimpse into the Genomic Characterization of People from the Imperial Roman Community of Casal Bertone (Rome, First–Third Centuries AD). *Genes* **2022**, 13, 136. <https://doi.org/10.3390/genes13010136>

Alessandri, L., Cardello, G.L., Attema, P.A.J., Baiocchi, V., Angelis, F.D., Pizzo, S.D., Ciaccio, F.D., Fiorillo, A., Gatta, M., Monti, F., Onori, M., Rolfo, M.F., Romboni, M., Sottili, G., Troisi, S., (2021). Reconstructing the Late Pleistocene – Anthropocene interaction between the neotectonic and archaeological landscape evolution in the Apennines (La Sassa cave, Italy). *Quat. Sci. Rev.* 265, 107067. <https://doi.org/10.1016/j.quascirev.2021.107067>

De Angelis, F., Veltre V., Romboni, R., Di Corcia, T., Scano, G., Martínez-Labarga, C., Rickards, O., (2021). Ancient genomes from a rural site in Imperial Rome (1st–3rd cent. CE): a genetic junction in the Roman Empire. *Annals of Human Biology* 48, 234–246. <https://doi.org/10.1080/03014460.2021.1944313>.

De Angelis, F., Veltre, V., Varano, S., Romboni, M., Renzi, S., Zingale, S., Ricci, P., Caldarini, C., Di Giannantonio, S., Lubritto, C., Catalano, P., Rickards, O., Martínez-Labarga, C. (2020). Dietary and Weaning Habits of the Roman Community of Quarto Cappello del Prete (Rome, 1st-3rd Century CE). *Environmental Archaeology* 0, 1–15. <https://doi.org/10.1080/14614103.2020.1829297>

Arienzo, I., Rucco, I., Di Vito, M.A., D’Antonio, M., Cesarano, M., Carandente, A., De Angelis, F., Romboni, M., Rickards, O. (2020). Sr isotopic composition as a tool for unraveling human mobility in the Campania area. *Archaeol Anthropol Sci* **12**, 157 . <https://doi.org/10.1007/s12520-020-01088-0>

Varano, S., De Angelis, F., Battistini, A., Brancazi, L., Pantano, W., Ricci, P., Romboni, M., Catalano, P., Lubritto, C., Santangeli Valenzani, R., Martínez-Labarga, C., Rickards, O. (2020). The edge of the Empire: diet characterization of medieval Rome through stable isotope analysis. *Archaeol Anthropol Sci* **12**, 196 . <https://doi.org/10.1007/s12520-020-01158-3>

Contributed Presentations

M. Romboni, G. Boschian, D. Marchi, S. Tofanelli. Estimated paleotemperature through oxygen isotope analysis of *Equus* sp. teeth during Middle to Upper Paleolithic transition in central Italian site. Presented at XXI INQUA Congress “Time for change”. Rome, Italy. (2023). **Poster presentation**

M. Romboni, J. Gennai, G. Boschian, S. Tofanelli, D. Marchi. Late Neanderthals and their environment in northwestern Tuscany: news from Buca del Tasso. Presented at 64th Conference of the Hugo Obermaier Society “Going to extremes – hominin lives at ecological margins”. Aarhus, Denmark. (2023). **Oral presentation**

M. Romboni, G. Boschian, D. Marchi, S. Tofanelli. Palaeoecological and climatic evaluations during the Middle-to-Upper Palaeolithic transition in the Italian Peninsula through stable isotopic analysis. Presented at 92nd AAPA annual meeting at Reno, Nevada (US). (2023). **Poster presentation**

M. Romboni, G. Boschian, D. Marchi, S. Tofanelli. Palaeoecological and climatic evaluations from the Late Pleistocene Italian sites through stable isotopic analysis. Presented at XXIV AAI Conference, Chieti, Italy. (2023). **Poster presentation**

F. De Angelis, C. Martínez-Labarga, A. Battistini, S. Di Giannantonio, W. Pantano, S. Varano, V. Veltre, F. Zavaroni, P. Catalano, T. Di Corcia, M. Romboni, S. Zingale, Olga Rickards. Bio-molecular characterization of Ancient Romans: a powerful tool for the biological dissection of the widest city of Ancient World. Presented at 89th AAPA annual meeting at Los Angeles, CA (US). (2020). **Oral presentation**

M. Romboni, F. De Angelis, F. Cortese, F. Cintura, M. F. Rolfo, M. Gatta, K. F. Achino, E. Romano, I. Arienzo, M. Di Vito, J. Sevink, O. Rickards, L. Alessandri. Bioarchaeological evaluation to investigate mobility about the Copper Age community of “La Sassa” cave (Italy): a holistic approach. Presented at Homines, Funera et Astra. Alba Iulia, Romania. (2019). **Invited presentation**

M. Romboni, F. De Angelis, F. Cortese, F. Cintura, M. F. Rolfo, K. F. Achino, E. Romano, I. Arienzo, M. Di Vito, J. Sevink, O. Rickards, L. Alessandri. Bioarchaeological evaluation to investigate the multiple use of “La Sassa” cave: an integrated approach. Presented at XXIII AAI Conference. Padova, Italy. (2019). **Poster presentation**

T. Di Corcia, F. De Angelis, M. Romboni, V. Veltre, C. Martínez Labarga, O. Rickards. Diet and Genomics in Human nutritional frame: The GEDEON project. Presented at XI ISABS Congress. Split, Croatia. (2019). **Poster presentation**

T. Di Corcia, F. De Angelis, M. Romboni, V. Veltre, C. Martínez Labarga, O. Rickards. Dieta, Genomica ed evoluzione della nutrizione: Il progetto GEDEON. Presented at GIPaleo V National Meeting. Bertinoro, Italy. (2019). **Oral presentation**

M. Romboni, F. De Angelis, F. Cortese, F. Cintura, K. F. Achino, M. F. Rolfo, I. Arienzo, M. Di Vito, O. Rickards, J. Sevink, L. Alessandri. Osteobiography of the people buried in La Sassa cave: an integrated bioarchaeological approach to deepen the knowledge of local Cultural Heritage. Presented at AIAr Thematic Conference. Reggio Calabria, Italy. (2019). **Oral presentation**

M. Romboni, F. De Angelis, F. Cortese, M. F. Rolfo, O. Rickards, L. Alessandri. Diet, Lifestyle and Disease in a Copper Age Community from "La Sassa" cave (Italy). Presented at 21st Congress of European Anthropological Association. Odense, Denmark. (2018). **Poster presentation**

E. Romano, M. Romboni. Neanderthals from Eurasia: archaeological approach to the artistic and communicative expression in funerary contexts. Presented at NeaderART. Turin, Italy. (2018). **Poster presentation**

M. Romboni, F. De Angelis, F. Cortese, L. Pandolfi, M. F. Rolfo, O. Rickards, L. Alessandri. Life, death and pathogens: a morphological and molecular study about "La Sassa" cave (LT) community. Presented at AIAr. Turin, Italy. (2018). **Poster presentation**

Proceedings

(2023), Program of the 92nd Annual Meeting of the American Association of Biological Anthropologists. Am J Biol Anthropol, 180: 1-210. <https://doi.org/10.1002/ajpa.24731>

(2020), Program of the 89th Annual Meeting of the American Association of Physical Anthropologists. Am J Phys Anthropol, 171: 1-321. <https://doi.org/10.1002/ajpa.24023>

V.V., A. 2019. Proceedings of the V National Meeting of the Italian Group of Paleopathology (GIPaleo). *Pathologica - Journal of the Italian Society of Anatomic Pathology and Diagnostic Cytopathology*. 111, 4 (Dec. 2019), 383-403. DOI:<https://doi.org/10.32074/1591-951X-30-19>.

Professional Membership and Service Activities

Physical Anthropologist for Ministero della Cultura (Registration number 1607)
Member of American Association of Biological Anthropologists (AABA)
Member of Associazione Antropologica Italiana (AAI)

References

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