


PERSONAL INFORMATION

Gabriele Scorrano



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Sex M | Date of birth 03/11/1979 | Nationality Italian

POSITION

Assistant Professor (tenure track) of Anthropology, Department of Biology, University of Rome Tor Vergata.

WORK EXPERIENCE

- 2024-present **University: Assistant Professor (tenure track) of Anthropology (05/B1, BIO/08)**
Department of Biology, University of Rome Tor Vergata, Rome, Italy
- 2022-2024 **University: Assistant Professor of Palaeogenetics**
Lundbeck Foundation GeoGenetics Centre, Globe Institute, University of Copenhagen, Denmark
- 2019-2022 **University: Postdoctoral researcher in Palaeogenetics**
Lundbeck Foundation GeoGenetics Centre, Globe Institute, University of Copenhagen, Denmark
- 2017-2019 **University: Marie Curie Postdoctoral researcher in Palaeogenetics and Palaeoproteomics**
Natural History Museum of Denmark University of Copenhagen, Denmark.
- 2013-2017 **University: Postdoctoral researcher in Anthropology (05/B1, BIO/08)**
Department of Biology, University of Rome Tor Vergata, Rome, Italy

EDUCATION AND TRAINING

- 2012 **PhD in Evolutionary Biology and Ecology**
Department of Biology, University of Rome Tor Vergata, Rome, Italy
▪ Thesis title: " Biomolecular characterization of a late Neolithic population from central Italy"
- 2008 **MSc (110/110 cum laude) in Biology and Human Evolution**
Department of Biology, University of Rome Tor Vergata, Rome, Italy
▪ Thesis title: " Analysis of the state of preservation of skeletal material from some prehistoric sites"
- 2006 **Bachelor's degree in Human Biology**

Department of Biology, University of Rome Tor Vergata, Rome, Italy

- Thesis title: “ Identification of maternal lineages in a sample of Serbian population”

PERSONAL SKILLS

Mother tongue(s) Italian

| Other language(s) | UNDERSTANDING | | SPEAKING | | WRITING |
|-------------------|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | C2 | C2 | C2 | C2 | C2 |

- Managerial skills
- Co-Supervisor of several bachelor, master students in Italy and in Denmark.
- Bioinformatic skills
- Knowledge of the bioinformatic pipeline for ancient human DNA studies.
 - Knowledge of the bioinformatic pipeline for ancient proteins analysis

- Other skills
- Knowledge of all laboratory workflows for ancient DNA, proteins and stable isotope analysis.

- Driving licence
- A and B

ADDITIONAL INFORMATION

Publications Author of about 27 papers in peer-reviewed journals, about 13 as first and/or corresponding author. Official H-Index: 10 (Scopus); 14 (Google scholar)

The most relevant are:

- Allentoft M.E.*, Sikora M.*, Refoyo-Martínez A.*, Irving-Pease E.K.*, Fischer A.*, Barrie W.*, Ingason A.*, et al. 2024. Population genomics of post-glacial western Eurasia. *Nature* 625: 301-311.
- Irving-Pease E.K.*, Refoyo-Martínez A.*, Ingason A.*, Pearson A.*, et al. 2024. The selection landscape and genetic legacy of ancient Eurasians. *Nature* 625: 312-320.
- Barrie W*., Yang Y*., Attfield K.E*., Irving-Pease E*., Scorrano G*., Torp Jensen L*., et al. 2024. Elevated genetic risk for multiple sclerosis emerged in steppe pastoralist populations. *Nature* 625: 321-328.
- Scorrano G. et al. 2022. Genomic ancestry, diet and microbiomes of Upper Palaeolithic hunter-gatherers from San Teodoro cave. *Communications Biology* 5: 1262.
- Scorrano G. et al. 2022. Bioarchaeological and palaeogenomic portrait of two Pompeians that died during the eruption of Vesuvius in 79 AD. *Scientific Reports* 12: 6468.
- Margaryan A.*, Lawson D.J.*, Sikora M.*, Racimo F*., et al. 2020. Population genomics of the Viking world. *Nature* 585: 390-396.
- Scorrano G*., Baldoni M* et al. 2019. Effect of Neolithic transition on an Italian community: Mora Cavorso (Jenne, Rome). *Archaeological and Anthropological Sciences* 11: 1443-1459.
- Scorrano G. et al. 2014. Palaeodiet reconstruction in a woman with probable celiac disease: a stable isotope analysis of bone remains from the archaeological site of Cosa (Italy). *American Journal of Physical Anthropology* 154:349-356.

- Selected conferences**
- 15-18/04/2020: 89th Annual Meeting of the American Association of Physical Anthropologists (AAPA), Los Angeles (California). Scorrano et al. Oral presentation: "Ancient biomolecules reveal ancestry, diet and microbiomes of Upper Palaeolithic hunter-gatherers from Sicily." Macchiardi F., Guffanti G., Glinsky G.V., Scorrano G. Oral presentation: "Accelerated mutation rate of genes controlling for cognitive brain functions in humans."
- 04-06/09/2019: XXIII Congresso dell'Associazione Antropologica Italiana (AAI): Anthropology: what are the next questions?, Padova. Scorrano et al. Oral presentation: "Multi-omics analysis of two Upper Palaeolithic individuals from Sicily."
- 18-21/09/2018: 8th International Symposium of molecular Archaeology (ISBA 8), Jena, Germania. Scorrano et al. Poster: "Components of human Palaeolithic diet identified using proteomic analysis of dental calculus from Southern Italy"
- 24-27/09/2012: 12th Federazione Italiana Scienze della Vita (FISV), Roma. Scorrano et al. Oral presentation: "Neolithic Revolution: cultural or genetic change in central-south Italy? A mosaic scenario"
- 03-06/09/2012: 18th Congress of the European Anthropological Association (EAA), Ankara (Turchia). Scorrano et al. Oral presentation: "Biomolecular characterization of an early neolithic population from central Italy."
- Projects**
- 2022-ongoing: Co-Principal Investigator in Riksbankens Jubileumsfond (Sweden) project: P22-0641.
- 2016-2019: Marie Curie Individual Fellowships. Project number: 751349.
- 2016: Synthesys project. Project number: DK-TAF-6432.
- Conference organizer**
- 28-31/08/2024: 30th Annual Meeting of the European Association of Archaeologists (EAA), Rome (Italy). Member of the organizing committee of section #848: "The archaeogenetics of ancient Italy: socio-cultural changes, interaction, and mobility from Prehistory to the Middle Ages"
- 06-08/09/2017: Member of the organizing committee of the XXII conferenza dell'Associazione Antropologica Italiana (AAI), Monte Porzio Catone (Rome): "Destinazione Uomo".
- 18-20/06/2009: Member of the organizing committee of the 51st International conference of the Society for the study of Human Biology (SSHB), Monte Porzio Catone (Rome): "Human dispersals".
- Honours and awards**
- 2024: A series of papers published in Nature, where I am a coauthor and for one of them a co-first author, have been selected to be featured on the cover of the journal: Volume 625, Issue 7994, January 11, 2024.
- 2022: The paper Scorrano et al., 2021. The genetic and cultural impact of the Steppe migration into Europe. Ann. Hum. Biol., 48: 223-233; has been awarded with the Nick Norgan Award 2022.
- 2020: The paper Margaryan et al., 2020. Population genomics of the Viking world. Nature 585: 390-396 where I am a coauthor, has been selected to be featured on the cover of the journal: Volume 585 Issue 7825, 17 September 2020.

April 2024

Gabriele Scorrano