

Postdoctoral Researcher in Palaeoproteomics

The ArchaeoBiomics Laboratory at the Department of Life Sciences and Systems Biology of the University of Turin (Italy) is seeking a passionate, highly motivated and well qualified postdoctoral researcher in palaeoproteomics. The post holder will work in the framework of the project “AviArch: Avifauna in Archaeoecological networks” funded by the European Research Council (Consolidator Grant). The successful candidate will develop palaeoproteomic approaches for the study of human-environment interactions in the past, with a focus on avian remains. They will be part of the supportive biomolecular archaeology group in Turin, working closely with a team of zooarchaeologists and digital archaeologists at the Universities of Copenhagen and Pisa.

The post is available from 1st July 2024 or soon thereafter, for a period of 24 months.

Please email a brief expression of interest and CV to Beatrice Demarchi (PI) at beatrice.demarchi@unito.it and Lisa Yeomans (CoI) at zhr605@hum.ku.dk before the 12th of April.

The official advert will be available on the Italian platform PICA <https://pica.cineca.it/> between the 22nd of April and the 13th of May and interviews will be held in June 2024.

We are looking for an outstanding candidate who has:

- A background related to one or more of the following - biomolecular archaeology (palaeoproteomics), analytical chemistry (mass spectrometry), zooarchaeology, evolutionary biology, environmental science
- Creativity, adaptability and reliability, with a demonstrable track record of commitment to interdisciplinary research, congruent with the core values of our group
- Collaborative attitude, willingness to work with PIs and colleagues from diverse backgrounds to develop an ambitious research portfolio in palaeoproteomics, contributing to the long-term growth of the team

Role

- To develop rigorous methods for the characterisation of ancient proteomes in avian remains, with a focus on the analysis and authentication of large datasets obtained by tandem mass spectrometry

- To interpret these complex datasets in the light of biological, environmental and archaeological information, communicating effectively with a range of multidisciplinary experts
- To lead on/contribute to the production of research outputs and research outcomes
- To collaborate with team members and contribute to teaching and administrative duties
- To manage and guide the work of students on own specialist area

Skills, Experience & Qualifications needed

- PhD in palaeoproteomics, archaeological science, analytical chemistry, biochemistry, or equivalent experience
- Excellent laboratory skills
- Ability to work independently and as part of a team
- Ability to prioritise work and meet deadlines