

INTRODUCTION TO METHODS AND APPLICATIONS IN ANCIENT DNA

The Malcolm H. Wiener Laboratory for Archaeological Science is offering an intensive week-long course to introduce participants to methods and applications in ancient DNA (aDNA) research. Dr Maria A. Spyrou from the Institute for Archaeological Science, Archaeo- and Paleogenetics, University of Tübingen, Germany, and Dr. Eirini Skourtanioti and Anthi Tiliakou from the Max Planck Institute for Evolutionary Anthropology (MPI-EVA) will lead the course. In addition, lectures from invited speakers will be included: Dr. Viviane Slon (Tel Aviv University, Israel), Dr. Thomas Booth (Crick Institute, UK), Dr. Theiseas Lamnidis (MPI-EVA), and Dr. Christina Margariti and Panagiotis Christodoulou (Hellenic Ministry of Culture, Greece).

The main objectives of this course are to offer a theoretical and basic technical training in the analysis and interpretation of aDNA data through lectures, seminars and interactive hands-on practical sessions. By the end of the course, participants will be familiar with most aspects of aDNA research and the different insights aDNA can offer into the past.

The course will explore key themes in aDNA research, such as: Chemical features of aDNA; Sampling for aDNA; DNA sequencing methods; Inference of genetic ancestry & demography; Estimation and insights into biological kinship; Pathogen evolution and past epidemics; Ethical issues in aDNA research.

A maximum of 16 participants will be accepted into the course. Priority will be given to graduate students, post-docs and researchers in biology, genetics, microbiology, archaeology, bioarchaeology, or related disciplines, who wish to get exposed to state-of-the-art methods and tools in the field for future research.

DATES:	May 20-24, 2024
TRAINING FEE:	500 euros for the entire week (*accommodations not included)
LEARN MORE:	https://www.ascsa.edu.gr/programs/ancient-dna-course
CONTACT:	ascsa.adnacourse@gmail.com
DEADLINE:	January 15, 2024

**We will provide guidance and support to course participants to help them independently arrange their accommodation.*

