



第 19 回領域セミナー

The 19th seminar

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Recent advances in proteomics in bioarchaeology and human evolution studies

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Abstract:

Palaeoproteomics is an emerging field in archaeology. Studies in this area utilize mass spectrometry for the comprehensive identification of proteins in archaeological remains. Palaeoproteomics is a useful method for the taxonomic and tissue identification of biological materials, sex determination, reconstruction of the pathological status of the target individual, and dietary reconstruction. This method is applicable to a wide range of archaeological remains, such as bone, tooth, horn, hair, eggshell, coral, silk, coprorite, and food residues. In this talk, I will introduce the basics and recent applications of palaeoproteomics in the context of archaeology and human evolution.

