



Palaeoproteomics And Archaeology, Society for Techniques and Advances

4/2026

Dear PAASTA community,

Welcome to the fourth newsletter of 2026! **For our newsletter to continue, we are looking for someone who will volunteer to temporarily compose the newsletters for 2027.** Interested? Send a message to paasta.community@gmail.com.

Also, don't forget to sign up for the annual PAASTA symposium on December 1st 2026 and starting at 10:00 CET. You can attend online for free. An e-mail with a sign-up form and further details will follow in the upcoming weeks.

Happy reading and, as always, if there is anything you would like to let others know about via this newsletter - no matter if it's a big or minor thing - you are very welcome to let us know by e-mail.

Upcoming Events

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| Oct 7 th | PAASTA Talk Series: Fan Bai and Zhongyou Wu - <i>Rapid and robust sex determination from ancient enamel proteomes using protSexInferer</i> , 14:00 CEST |
| Nov 4 th | PAASTA Talk Series: Alex Burnett & Tristan Dedrie - Deconvolution and identification of mixed-species samples from historic and ancient contexts |
| Nov 29 th - Dec 3 rd | XV International Congress of the European Proteomics Association (EuPA) in Würzburg, Germany |

Dec 1st Annual PAASTA Symposium at EuPA (free online participation possible, information to sign up will follow through our mailing list)

Dec 2nd PAASTA Talk Series: Yumeko Tarusawa & Yoko Fukuhara - TBD

Is there some event you are missing in this list? Let the community know in the #events Element channel (info how to join Element in footer). We also have a google [calendar](#). If you have any events that you would like for us to add to this calendar, please send them to paasta.community@gmail.com.

News from the community

PAASTA wants you!

We are looking for a volunteer to temporarily write the newsletters of 2027 (at least the first three editions). Writing the newsletter will make you the information hub for the many interesting happenings occurring in the community. Of course, you will receive an introduction and help for creating the first one. Interested? Then send a message to paasta.community@gmail.com.

Summer school video recordings online

The video recordings of all lectures of the PAASTA summer school 2026 are now available online: <https://youtube.com/playlist?list=PLNipjAlxOJFk&si=0-YVvRiMCiGZ9XkD>

New Element subthread “Metadata”

The Metadata thread is a discussion group regarding the fact that we need to start considering metadata standards for ancient proteins. There is also a public repository on GitHub at <https://github.com/Palaeoprot/ZoomzPeak> to propose some standards and share code by Matthew Collins for generating parquet files.

Funds available to access palaeoproteomics facilities in York

Two funding schemes are now open to support access to palaeoproteomics and other [analytical services](#) at BioArCh (University of York, UK).

1. The [Research Infrastructure for Conservation and Heritage Science \(RICHeS\) Access Fund](#) supports eligible applicants in accessing, free of charge, the heritage and conservation science equipment, facilities, laboratories, reference collections and expertise listed by the [Service Providers](#) of the RICHeS distributed research infrastructure. It is open to a broad range of organisations and individuals based in the UK, including: Galleries, Archives, Museums, Independent Research Organisations (IROs), Academic organisations, and Individual researchers. The Second Call of the RICHeS Access Fund is open now until Tuesday 15th December 2026.

2. [E-RIHS](#), the European Research Infrastructure for Heritage Science, offers access to cutting-edge laboratories, tools, and data, and provides training opportunities in heritage science. Facilities are offered, through the [Catalogue of Services](#), to individuals or groups working in public or private institutions, industries, or other fields that are working or involved in Heritage Science. Researchers and professionals based in EU Member States and Associated Countries, as well as international applicants, are welcome to apply. The 3rd Call for Access to E-RIHS Services is open now until Thursday 15th October 2026.

Please [contact BioArCh](#) or Jessica Hendy directly (jessica.hendy@york.ac.uk) if you are interested in applying for either of these schemes and we can help with an application.

New Publications

Ahlawat, B. and Nair, B.A.B., 2026. **Palaeoproteomics in India: current status and future perspectives.** PaleorXiv. https://doi.org/10.31233/osf.io/jy5ku_v1

Alex, S., **Proteomics as a complementary tool in forensics.** University of Amsterdam. UvA-DARE Academic Repository. (THESIS) <https://pure.uva.nl/ws/files/325730424/Thesis.pdf>

Bray, F., Pilmann Kotěřová, A., Garbė, L., Haegelin, M., Bertrand, B., Agossa, K., Rolando, C., Velemínský, P., Bružek, J. and Morvan, M., 2026. **High-Throughput Targeted Paleoproteomics Sex Estimation on Medieval Great Moravian Individuals Using MALDI-CASI-FTICR Mass Spectrometry.** Journal of Proteome Research. <https://doi.org/10.1021/acs.jproteome.6c00163>

Buc, N., Acosta, A., Rombolá, L.T., Hilsden, J., Paskulin, L., Carbonera, M., Schneider, F., Loponte, D. and Speller, C., **Morphological and material variability in bone harpoon heads and stemmed points from the Lower Paraná Basin (Argentina) in the Late Holocene.** Bone, Tools, and Traditions. https://www.prehistoire.org/offres/doc_inline_src/515/SPF%2B-%2BWBRG-%2B08%2BBuc%2Bet%2Bal%2BV003%2BBAT%2BBD.pdf

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Carrillo-Martin, G., Krueger, J., Marques-Bonet, T. and Lizano, E., 2026. **ProteoParc: A Reference Protein Database Builder for Ancient and Nonmodel Organisms**. Journal of Proteome Research, 25(9), pp.4463-4469. <https://doi.org/10.1021/acs.jproteome.5c01107>

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Conlan, C., Kraan, C.T., Paskulin, L., Hilsden, J., Yuan, R., Chen, P., Speller, C. and Giovias, C.M., 2026. **Ancient sea turtle (Cheloniodea) ZooMS identifications illuminate species-specific human interactions and long-term populations changes for Curaçao and Bonaire**. Journal of Archaeological Science: Reports, 74, p.105931. <https://www.sciencedirect.com/science/article/pii/S2352409X26003664>

Demas, A., **From molecular detection to historical diagnosis: interpretative challenges in paleoproteomics**. Frontiers in Environmental Archaeology, 5, p.1929969. <https://www.frontiersin.org/journals/environmental-archaeology/articles/10.3389/fearc.2026.1929969/abstract>

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<https://www.sciencedirect.com/science/article/abs/pii/S2352409X26005055?via%3Dihub>

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<https://doi.org/10.1111/arcm.70192>

Luu, C.A., 2026. **Meta-analysis of Dairying Found in Dental Calculus Data**. Texas A&M University. (THESIS).

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<https://doi.org/10.22259/2639-3662.0801002>

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Taylor, A.N., 2026. **Advancing Accessible Ivory Identification: Evaluating Sampling Methods for ZooMS Analysis**. Texas A&M University. (THESIS). <https://oaktrust.library.tamu.edu/server/api/core/bitstreams/698970d6-80fa-4c38-be79-edf156871b8d/content>

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Is there some publication you are missing in this list? Let the community know in the #papers Element channel (info on how to join Element in footer).

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This newsletter was composed by Johanna Krueger.

The PAASTA Community is an affiliate of The International Society for Biomolecular Archaeology (ISBA), a Charitable Incorporated Organisation registered in England. Additionally, PAASTA is an initiative of the European Proteomics Association (EuPA), an "eingetragener Verein" registered in Germany. ISBA and EuPA provide infrastructural and financial support of the student-led activities of PAASTA.