

## List of poster presentations

1. Eve, Afonso; Renaud Scheifler; Isabelle Jouffroy-Bapicot; Christophe Mavon; Damien Rius  
**Reconstructing bat diet and insect biodiversity from guano sedimentary DNA**
2. Jamie Alumbaugh; Jan Ingemar Ohlsson; Sally P. Horn; Tanvi Honap; Graciela Cabana  
**Plant sedaDNA from the Highlands of Ecuador**
3. Tulug Gulce Ataman, Youri Lammers, Inger Greve Alsos, Antony Brown.  
**Reconstructing Vegetation and Agricultural Dynamics Over 9,500 Years: Insights into DNA Deposition in Northern Norway**
4. Ines Barrenechea Angeles, Justyna Falkowska, Dhanushka Devendra, Marek Zajackowski, Jan Pawlowski and Joanna Pawlowska  
**Overview of eukaryotic succession in Gdansk Bay over the last 5000 years BP.**
5. Kristen K, Beck, Andrew W, Dempster  
**Using palaeoecological off-grid genomics to understand the effects of wildfire on freshwater ecosystems**
6. Sanne Bergman, Anders Schomacker, Kim Præbel, Andreas Altenburger  
**Holocene climate warming and coastal ecosystem dynamics in northern Norway: mapping marine metazoan diversity using sedaDNA**
7. Inda Brinkmann; Matt O'Regan; Bennet Juhls; Paul Overduin; Lisa Bröder; Negar Haghipour; Jorien Vonk; Julie Lattaud; Taylor Priest; Dustin Whalen; Atsushi Matsuoka; André Pellerin; Daniel Rudbäck; Maria-Emilia Rodriguez-Cuicas; Katharina Schwarzkopf; Blanda Matzenbacher; Thomas Bossé-Demers; Michael Fritz; Peter D. Heintzman  
**Biodiversity impacts of environmental changes in the Canadian Beaufort Sea**
8. Fiona Callahan; Rasmus Nielsen  
**Integrating modern occurrence records and sedaDNA data to improve Environmental Niche Models**
9. Yuanyu Cheng, David Walsh, Daniel Selbie, Irene Gregory-Eaves  
**Protecting the future by learning from the past: Salmon nursery lake ecosystem reconstruction through sedimentary DNA**
10. Nihan Dilsad, Dagtas; Viviane, Slon  
**Developing a compact field kit for the rapid detection of ancient DNA preserved in sediments**
11. Rebecca, Dorendorf; Piet, Spaak; Nathalie, Dubois; Laura S., Epp  
**Tracing the invasion: Using eDNA to track the spread of Dreissena mussels**
12. Aurore, GALTIER; Merlin, SZYMANSKI; Benjamin, VERNOT; Janet, KELSO; Matthias, MEYER; Kay, PRÜFER  
**SediQuest: A user-friendly pipeline for the analysis of nuclear DNA capture data from sediment samples**
13. Gianluca Grasso, Régis Debruyne, Olivier Rué, Naoise Nunan, Lucie Bittner, Valeria Bianciotto, Roland Marmeisse  
**Have global change and agricultural practices affected plant and soil microbial biodiversity? - a historical DNA approach**
14. Mathias, Hopfinger; Bernhard, Salcher; Jan-Christoph, Otto, Andreas, Tribsch  
**Using sedaDNA for restauration and refunctionalization of degraded peatlands in Austria**

15. Sam Hudson, Eduardo Machicado, Alexandra Stevenson, Aleks Pluskowski and Selina Brace  
**2000 Years of Ecological Community Dynamics in London- A Molecular Biography of an Urban Centre**
16. Anna, Janiczek; Tomasz, Suchan; Michał, Stowiński; Inger G., Alsos; Michał, Ronikier  
**Central European mountain refugia for the arctic-alpine flora: first insights from sedaDNA diversity in lakes of the Tatra Mts. and Karkonosze Mts.**
17. Weihan, Jia; Simeon, Lisovski; Ronja, Schwenkler; Kathleen, Stoof-Leichsenring; Ulrike, Herzschuh  
**High-latitude plant refugia during Quaternary glacial-interglacial cycles revealed by species distribution modeling and sedimentary ancient DNA**
18. Emily Kallend, David Ryves, Teri Hansford, Robin Allaby, John Boyle, Madeline Moyle, Alison MacLeod, Wim Hoek, Jeff Evans  
**Reconstructing mid Holocene lake and catchment changes: using diatoms, SedaDNA and XRF to investigate drivers of change at Rostherne Mere, UK**
19. Viktoria Keller  
**Human impact on biodiversity focusing on palms of the genus *Pritchardia***
20. Zoë Kleijwegt; Kevin, Nota; Benjamin, Vernot; Annegret, Larsen  
**Reconstructing subtropical landscapes with sedaDNA: Insights from two lakes in Nepal's Terai Arc Landscape**
21. Michinobu Kuwae; Hideyuki Doi; Yusuke Hirahashi; Tatsuya Saito; Chisato Numa  
**Changes in haplotype composition of Japanese anchovy for the last 2000 years**
22. Jan Laine, Jana Nickel, Anders Romundset, Andrew Foote  
**Stickleback sedaDNA time-series from isolated Norwegian lakes reveal patterns and dynamics of early stages of freshwater adaptation**
23. Maria Leunda, Christoph Schwörer, Niklaus Zemp, Miguel Bartolomé, Penélope González-Sampériz, Graciela Gil-Romera, Ánchel Belmonte, Willy Tinner, Nadir Alvarez, Jérémy Gauthier, Christoph Sperisen  
**Potential of ice caves to disclose long-term genetic variability of mountain vegetation**
24. Ying Liu, Simeon Lisovski, Jérémy Courtin, Kathleen R. Stoof-Leichsenring, Ulrike Herzschuh  
**Plant interactions associated with a directional shift in the richness range size relationship during the Glacial-Holocene transition in the Arctic**
25. Mary Lucas, Mikael Cerbing, Inger Greve Alsos, Stephen Wickler, Claire-Elise Fischer, Antony Brown  
**Sedimentary ancient DNA analysis of cooking pits from the Iron Age site of Rødskjær in Northern Norway**
26. Marilena Marconi, Elisa Rondoni, Cristiano Vernesi, Matteo Girardi, Francesca Di Paolo, Sofia Selvatici, Andrea Lami, Simona Musazzi, Caterina Carabelli, Diego Fontaneto, Ester Maria Eckert, Aldo Marchetto, Laura Parducci  
**Assessing biota changes and ecological quality in Italian volcanic lakes: a comparison of sedimentary DNA hybridization capture and metabarcoding**
27. Tyler, Murchie; Scott, Cocker\*; Sina, Baleka; Nicola, Vogel; Libby, Natola; Emil, Karpinski; Diana, Tirlea; McIntyre, Barrera; Danielle, Grant; Evan, Morien; Linda, Rutledge; Duane, Froese; Hendrik, Poinar  
**Ancient environmental DNA preserved in Yukon ground squirrel burrows records Pleistocene ecosystems over the last 700,000 years**

28. Amelia, Muscott; Caroline, Kisielinski; Ciara, Wanket; Paula, Noble; Darren, Larsen; James, Simmons  
**Holocene drought and vegetative responses revealed through integrated sedaDNA and sedimentary analyses in a high-desert environment, Great Basin, USA**
29. Yuan Pan  
**Arctic Greening: using ancient DNA to determine responses of willows and birches to climate changes**
30. Rannveig Þórhallsdóttir, Ragnheiður Traustadóttir, Emmett Smith, Charles Peck  
**Exploring sedaDNA from early settlement sites in the East-fjords of Iceland**
31. Cristina Ramos Capón, Penelope González-Sampériz, Alessio Cardillo, Hugo Saiz, Irene Julián Posada, Michel Zech, Laura Epp, Roland Zech, Ana Moreno, Angela Ara, Graciela Gil-Romera  
**Long-term resilience of Pyrenean subalpine ecosystems: a high resolution sedaDNA approach to reconstruct ecological communities using Holocene paleoenvironmental records**
32. Elisa Rondoni, Marilena Marconi, Cristiano Vernesi, Matteo Girardi, Andrea Lami, Simona Musazzi, Caterina Carabelli, Diego Fontaneto, Ester Maria Eckert, Aldo Marchetto, Renato Spicciarelli, Donatella Battaglia, Laura Parducci  
**Using ancient eDNA to assess VOLcanic LAKes REference condition, biodiversity and ecological response to climate change and anthropic pressure -VOLARE**
33. Rikai Sawafuji, Ryohei Sawaura, Shinji Yamasaki, Masaki Fujita, Mikkel W. Pedersen  
**Sedimentary ancient DNA analysis at the Sakitari Cave Site, Okinawa**
34. Michael Schneider  
**Development of a bioinformatic toolkit for paleometagenomic analysis using the example of sedaDNA data from Saxon Switzerland**
35. Joeselle Serrana; Run Tian; Michael S. McLachlan; Francisco J. A. Nascimento; Elias Broman; Benoît Dessirier; Malte Posselt  
**Spatiotemporal Dynamics of Riverine Benthic Microbial Communities and their Biodegradation Potential**
36. Ingrid, M. Sætersdal Magdalena, Łącka; Bjørg, Risebrobakken; Haflidi, Haflidason; Stijn, De Schepper; Tristan, Cordier; Øystein, Varpe; Agnes, K. M. Weiner  
**Changes in protists communities in Lurefjorden over the last three centuries assessed using sedimentary ancient DNA**
37. Lasse, Topstad; Youri, Lammers; Dorothee, Ehrich; Charlotte, Clarke; Haflidi, Haflidason; Jan, Mangerud, John-Inge, Svendsen; Lucas, Elliott; Inger, Alsos  
**Consistent patterns of vegetation composition and taxonomic diversity over 20 000 years in two adjacent arctic-alpine catchments in the Polar Urals**
38. Alex, Williams; Wenzhe, Yin; Lucy, Lataillade; Jia, Lim; Matthias, Siewert; Sofie, Sjögersten; Andrew, Clarke; Tommy, Lam  
**Permafrost thaw: changing Arctic landscapes, their microbiomes and global health**
39. Scarlett Zetter, Youri Lammers, Luisa Deppe, Antony G Brown, Chris Francis, Ashley Abrook, Stefan Engels, Wim Hoek, Ian Matthews, Adrian Palmer, Inger G Alsos  
**Tracing abrupt climate changes: SedaDNA reveals impact of sudden climate change on plant communities in Wales since the Last Glacial Maximum**