## 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 Zajaczkowski, 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, Słowiński; 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 Traustadottir, 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. Bishnu Timilsina, Dilli Prasad Rijal
  - Bryophyte sedaDNA from a Norwegian Arctic Lake Reveals Past Ecosystem
- 38. 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
- 39. 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
- 40. 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