

24th Paleopathology Association European Meeting

21-24 August 2024, Leiden (the Netherlands)

PROGRAMME BOOK



Wednesday, 21 August 2024

13:00-17:00 Registration at Kamerlingh Onnes Gebouw (KOG)

17:00-19:00 Welcome Reception at Academic Building

Thursday, 22 August 2024

08:00-08:15	Registration	
08:30-08.45	Coffee/Tea	
09:00-09:15	Introduction	
09:15-09:45	Keynote (KOG A1.44): Carlina De La Cova Paleopathology: A question of ethics	
Session 1	Paleopathology and isotopes	Location: KOG A1.44
09:45-10:00	<u>Andrea L. Waters-Rist</u> , Hana Salahuddin, Sydney Holland, Fred J. Longstaffe	High Nitrogen Isotope Ratios in Newborn Collagen Due to Fetal-Placental Glycine Fractionation Not Just Maternal or Fetal Stress
10:00-10:15	<u>Panagiota Bantavanou</u> , Elissavet Ganiatsou, Christina Papageorgopoulou*	Sunshine in a Bottle: Investigating the relationship between breastmilk consumption and vitamin D deficiency through histomorphological and stable isotope analysis
10:15-10:30	<u>Rūta Brindzaitė</u> , Rimantas Jankauskas	Early childhood caries in 14th-17th century Alytus, Lithuania
10:30-10:45	<u>Franceska-Cristina Știrbu</u> , Ana García-Vázquez, Gabriel Vasile, Adrian Bălășescu*	Correlating Dietary Patterns with Health Outcomes: A Stable Isotope Analysis of Double Burial Complexes from a Mediaeval Wallachian Cemetery
10:45-11:15	Coffee/Tea	
Session 2a	Non-adult paleopathology	Location: KOG A1.44
11:15-11:30	<u>Siân Halcrow</u> , Megan Southorn, Stephie Lončar, Emma Sudron, Chris Smith, Gareth Jones*	Lost too soon: The infant skeletal remains from the W.D. Trotter Anatomy Museum, New Zealand.
11:30-11:45	<u>Iwona J. Koziaradzka-Ogunmakin</u> , Emily J. Marlow, Valerie B. Sgheiza	Dental versus skeletal age discrepancy in subadults: A preliminary study from the ancient Saqqara Necropolis, Egypt
11:45-12:00	<u>Mario Novak</u> , Mario Carić, Branka Milošević Zakić, Anna Osterholtz	Health status of individuals buried at the 6th-8th century CE children's cemetery at Sipar, Istria, NW Croatia
12:00-12:15	<u>Dorthe Pedersen</u>	Detecting childhood tuberculosis in skeletal samples
12:15-12:30	<u>Alex Tutwiler</u>	Socioeconomic Status and Spinal Health: A comparative analysis of spinal joint disease in children from two post-medieval (1650-1850 CE) Dutch communities
12:30-13:30	Lunch	
Session 2b	Dental and oral paleopathology	Location: KOG A0.51
11:15-11:30	<u>Brenda J. Baker</u> , Tina Jakob	Nasopalatine duct cysts in archaeological assemblages
11:30-11:45	<u>Anna M. Davies-Barrett</u> , Sarah Inskip, Nick Jakubovics, Richard Holliday	An 'index of oro-dental disease': a holistic method for understanding the impacts of different risk factors on oral health in archaeological populations

11:45-12:00	<u>Giulia Riccomi</u> , Shevan Wilkin	Periodontal health in pre-Roman Italy: a combined macroscopic and proteomics evaluation
12:00-12:15	<u>Roger Seiler</u> , Myriam Seco Álvarez, Frank Rühli, Patrick Eppenberger *	Dental Diaries of the Nile Valley: Assessing Oral Pathologies Across Dynasties at Luxor's Thutmosis III Funerary Temple, Egypt
12:15-12:30	<u>Rebecca Whiting</u> , Simon Hillson, Daniel Antoine	How can dental caries illuminate the impact of environmental, cultural and agricultural shifts on the human diet from the Neolithic to Medieval periods in the Middle Nile Valley, Sudan?
12:30-13:30	Lunch	
Session 3		
	Infections	Location: KOG A1.44
13:30-13:45	<u>Alette Blom</u> , Sarah Inskip	A quantitative approach to record skeletal manifestations of leprosy, and its application
13:45-14:00	<u>Robert J. Stark</u> , Kari A. Guilbault	Possible presence of treponemal disease among the inhabitants of Makurian Ghazali (ca. 680–1275 CE) in the Bayuda desert of Sudan
14:00-14:15	<u>Piers D. Mitchell</u> , Sophie Rabinow, Tianyi Wang, Roos Van Oosten, Yolande Meijer	Intestinal parasite infection and sanitation in medieval Leiden, the Netherlands (AD 1250-1600)
14:15-14:30	<u>Emy Gentile</u> , Valentina Giuffra, Stefano Campana, Giulia Riccomi	Auditory ossicle changes as an indicator of chronic otitis media in medieval central Italy (Tuscany, 10th-12th century CE)
14:30-14:45	<u>Maia Casna</u> , Anna M. Davies-Barrett, Sarah A. Schrader	A study into the Impact of Tobacco Consumption on the Respiratory Health of two Dutch Skeletal Samples (1600-1829 CE)
14:45-15:00	<u>Emilia R. Franklin</u> , John E. Robb, Piers D. Mitchell *	Attritional and catastrophic mortality in medieval Britain: A demographic analysis of burials pre-dating and attributed to the Black Death
15:00-15:15	<u>Aleksandra Grzegorska</u> , Matthieu Le Bailly, Benjamin Dufour	Debating ancient health one worm at a time based on finds from the Early Modern Period Chelm in Poland
15:15-15:45	Coffee/Tea	
Session 4		
	Biomolecular paleopathology	Location: KOG A1.44
15:45-16:00	<u>Albert Zink</u> , Julika Kanik, Julia Lerchl, Bianca Mari, Janette Lee, Michaela Harbeck, Frank Maixner	Multidisciplinary study on the role of bone lesions in the paleopathological diagnosis of tuberculosis in ancient human remains
16:00-16:15	<u>Asya Makhro</u> , Isabel Dorn, Lars Kästner, Nicole Bender, Patrick Eppenberger *	Paleoperspectives on red blood cell Physiology: Piezo1 Genetic Variants
16:15-16:30	<u>Kerttu Majander</u> , Marta Pla-Díaz, Louis Du Plessis, Natasha Arora, Jose Filippini, Luis Pezo Lanfranco, Sabine Eggers, Fernando González-Candelas, Verena J. Schuenemann	Redefining treponemal history through pre-Columbian genomes from Brazil
16:30-16:45	<u>Maryna Steyn</u> , Carina Schlebusch	aDNA studies and genetic markers of disease: potential for palaeopathology

16:45-17:00	Jonas Guth, Lukas Malcher, Laura Wildeboer, Sascha Huth, Philipp Wiedemann, Innocent Onyesom, Thomas Ruppert, Marcin Luzarowski, <u>Nicole Kilian</u> *	A proteomic view on malaria-infected and - uninfected red blood cells: identifying potential biomarkers for paleopathology
-------------	---	--

* = virtual presentations

Friday, 23 August 2024

08:00-08:15	Registration	
08:30-08.45	Coffee/Tea	
09:00-09:30	Keynote (KOG A1.44): George J.R. Maat	Scurvy: Dying in the cold world of Spitsbergen
Session 5	Stress and metabolic bone disease 1	Location: KOG A1.44
09:30-09:45	<u>Marta Merino</u> , Megan B. Brickley, Carme Rissech	The presence of scurvy in Medieval (9th-10th centuries) Barcelona, Spain: Investigations at the necropolis of the Antics Jutjats Municipals
09:45-10:00	<u>Kristina Scheelen-Nováček</u> , Jan Nováček	Probable traces of metabolic diseases in two early Ottoman samples from coastal Asia Minor
10:00-10:15	<u>Ricardo A.M.P. Gomes</u> , Lidia Catarino, Ana Luisa Santos	Exploring porous skeletal lesions and variations in the elemental concentration using pXRF: insights from a non-adult sample from Lisbon, Portugal (18th-19th century)
10:15-10:30	<u>Kati Salo</u> , Riikka Alvik *	Human Remains from Finnish Shipwrecks (17th century Mulan, Borstö or St. Mikael (1747 AD), and St. Nikolai (1790 AD)
10:45-11:15	Coffee/Tea	Even # Poster Session at KOG restaurant
Session 6	Social inequality	Location: KOG A1.44
11:15-11:30	<u>Justina Kozakaitė</u> , Agnieška Rudinska, Audronė Jakaitienė, Rimantas Jankauskas	Cribra orbitalia and osteoperiostitis correlates with socioeconomic indices in Late Medieval - Early Modern Vilnius
11:30-11:45	<u>Jessika Bentivogli</u> , Veronica Tamorri, Sarah A. Schrader	A comparison between social status and dorsal pubic pitting (DPP) presence in three Dutch post-mediaeval collections.
11:45-12:00	<u>Andrea González-Martínez</u> , Hayley L. Mickleburgh, Maja L. Dőhollosy, Ethan Rajanayagam	Investigating social and health inequality in historical populations of Amsterdam
12:00-12:15	<u>Barbara Veselka</u> , John Ward, Maria Nilsson	Kheny's Kids: nonadult social stratification in New Kingdom Gebel el-Silsila, Egypt.
12:15-12:30	<u>Jack Eggington</u> , Mary Lewis	A bioarchaeological exploration of maternal-infant diet, health, and social status in London, England (1789-1853 CE)
12:30-13:30	Lunch	
13:30-14:00	Keynote (KOG A1.44): Sharon DeWitte	Paleopathological Insights on Historical Plague Epidemics
Session 7a	Differential diagnoses 1	Location: KOG A1.44
14:00-14:15	<u>Siwaphiwe Mfengu</u> , Calvin Mole, Victoria E. Gibbon *	Bioarchaeology of Care: A case study of antemortem skeletal trauma for a pre-colonial southern African hunter-gatherer/herder
14:15-14:30	<u>Ana Luisa Santos</u> , Daniela Grelha, Bruno M. Magalhães, Rosa Ramos Gaspar, Lidia	Probable sinolith in the left frontal sinus of an adult male: a multi-methodological approach

	Catarino, Ricardo A.M.P. Gomes	
14:30-14:45	<u>Anna-Paraskevi Koutougera</u> , George Iliopoulos, Konstantina Soura *	A case of manubrial porosity from a single tomb from the Mycenaean settlement of Chalandritsa, Greece (Bronze Age: 13th -12th century B.C): differential diagnosis for a “neglected” skeletal element
14:45-15:00	<u>Julia Gresky</u> , Melina Frotscher, Marcel Legler, Natalia Berezina, Katharina Fuchs	Fibro osseous processes of the facial skeleton: Surface evaluation using scanning electron microscopy
15:00-15:15	<u>Patrick Randolph-Quinney</u> , Viking Ryden	Probable Case of Secondary Hypertrophic Osteoarthropathy (HOA) from the Mediaeval Cemetery of S:t Hans, Visby, Gotland.
15:15-15:30	<u>Carolyn Rando</u> , Garrard Cole	Differential diagnosis of periosteal new bone lesions: Case study exploring infantile cortical hyperostosis in a young child from post-Medieval England
15:30-16:00	Coffee/Tea	Odd # Poster Session at KOG restaurant
Session 7b	Disease, demography and disability	Location: KOG A0.51
14:00-14:15	<u>Jo Buckberry</u> , Gillian Crane- Kramer	The price of progress: The impact of rapid urbanisation on health during the English Industrial Revolution
14:15-14:30	<u>Jessica Gavin</u> , Craig Keyes, Lorena Carrasco, Anja Meyer	Estimating impaired Activities of Daily Living through Degenerative Joint Disease to identify disability in a skeletal sample.
14:30-14:45	<u>Mark P. Simon</u> , Qian Wang	Developing a Paleo-syndemic Perspective in Bioarchaeology: The Reorganization of Northern China’s Paleodemography and Environment with Special Reference to the Haminmangha Disaster Site
14:45-15:00	<u>Mary Lewis</u> , Ceri Falys, Gabor Thomas	The prevalence of cancer-like lesions at the middle Anglo-Saxon cemetery at Cookham, Windsor, England (590-910 CE). Implications for site interpretation.
15:00-15:15	<u>Debra L. Martin</u>	Antemortem Cranial Trauma is Culturally Specific, Patterned and Gendered: Case Study from the Ancestral Pueblo of the American Southwest (AD 900-1300)
15:15-15:30	<u>Patrick Eppenberger</u> , Alexander Barthelmie, Abigail Breidenstein, Roger Seiler, Sabrina Meyer, Nakita Frater, Iwona Koziaradzka- Ogunmakin, John Verrall, Andrea Loprieno-Gnirs, Susanne Bickel, Myriam Seco Alvarez, Pearce Paul Creasman, Frank Rühli *	Prevalence of the Supratrochlear Aperture in Selected Populations from the Ancient Nile Valley
15:30-16:00	Coffee/Tea	Odd # Poster Session at KOG restaurant

Session 8a	Mummy paleopathology	Location: KOG A1.44
16:00-16:15	<u>Bangyan Wang</u> , Rui Wang, Duo Zheng, Baoshuai Zhang, Yi Shao, Edward Allen, Zixi Jiang, Lobsang Dargye, Yiwen Shen, Pengfei Sheng, Chuanchao Wang, Shaoqing Wen	First multidisciplinary etiological study of ancient atherosclerosis: application of paleo-genetic and paleo-nutritional analysis about a 13th century artificial Mummy in China
16:15-16:30	<u>Raffaele Gaeta</u> , Antonio Fornaciari, Daniele Panetta, Valentina Giuffra, Gino Fornaciari	Unveiling ancient chronic calcific arterial disease: radiological and histological insights from two Sicilian natural mummies of the 18th-19th centuries.
16:30-16:45	<u>Frank Maixner</u> , Emily Gaul, Alexandra Mussauer, Alice Paladin, Christina Wurst, Mohamed Sabry Mohamed Sarhan, Marco Samadelli, Paolo Del Vesco, Federica Facchetti, Cosimo Posth, Maria Spyrou, Albert Zink	The 3,300-year-old <i>Yersinia pestis</i> genome of an ancient Egyptian mummified individual
16:45-17:00	<u>Guido Valverde</u> , Mohamed Sabry Sarhan, Albert Zink, Frank Maixner	<i>De-novo</i> assembly and comparative analysis of an ancient <i>Streptococcus pyogenes</i> genome from an Andean pre-Columbian mummy: Insights into the evolution of a human adapted pathogen
Session 8b	Osteobiographies	Location: KOG A0.51
16:00-16:15	<u>Della Collins Cook</u>	Bilateral Injuries: two examples and some thoughts about interpretation
16:15-16:30	<u>Lucia Watson</u> , Mirza Nelba Del Castillo, Jakub Wanot, Józef Szykulsk	Life and Death in the Times of Empire in the Southern End of the Central Andes
16:30-16:45	<u>Ileana Micarelli</u> , Sarah Inskip, Anna Davies-Barrett, Jenna Dittmar, Piers Mitchell, John Robb	Understanding the role of intersectional identities in shaping life narratives from the Quaker burial ground of Hemingford Grey at St Ives (17th and 18th c., UK)
16:45-17:00	<u>Jared Carballo Pérez</u> , Selene Rodríguez Carballo, Emilio González Reimers, Matilde Arnay De La Rosa, Miguel Ángel Hervás Herrera, Luis Alejandro García García, María Antonia Perera Betancor, Esther Chávez Álvarez, María Del Cristo González Marrero	Health and Disease at the Dawn of European Expansion: paleopathological analysis of the population buried at the colonial settlement of San Marcial de Rubicón, Lanzarote (15th Century)

* = virtual presentations

Saturday, 24 August 2024

08:00-08:15	Registration	
08:30-08.45	Coffee/Tea	
09:00-09:30	Keynote (KOG A1.44): Rebecca Gowland	Becoming With: Bioarchaeology and 'Meeting the Universe Halfway'
Session 9	Differential diagnoses 2	Location: KOG A1.44
09:30-09:45	Cat Irving, <u>Giovanni Magno</u> , Evi Numen	Silver as alternative treatment in 19th century Europe: the cases of argyria of Edinburgh, Padua, and Dublin
09:45-10:00	<u>Marta Krenz-Niedbala</u> , Sylwia Lukasik, Anna Walczak, Magdalena D. Matczak, Marcin Ignaczak, Andrzej Sikorski, Jane E. Buikstra *	Differential diagnosis of remarkable unilateral upper limb anomalies: case study from medieval-early modern Europe
10:00-10:15	<u>Giovanni Magno</u> , Alberto Zanatta	Vrolik disease at the Morgagni Museum (Padua, Italy): a case of idiopathic osteopsathyrosis following a potential congenital extrapulmonary tuberculosis infection
10:15-10:30	<u>Jan Nováček</u> , Julia Gresky	An Early Neolithic "family" with severe joint dysplasia and stunted growth from Central Germany
10:30-10:45	<u>Angelika Słodka</u> , Olga Dec, Hubert Lepionka	A rare case of skeletal dysplasia in an adult male from the post-medieval cemetery at Nowy Dwór, North-Eastern Poland
10:45-11:15	Coffee/Tea	Online Poster Session
Session 10	Stress and metabolic bone disease 2	Location: KOG A1.44
11:15-11:30	<u>Megan B. Brickley</u> , Brianne Morgan, Isabelle Ribot, Rachel Schats, Alie E. Van Der Merwe, Amanda Cooke, Meghan D. Langlois, Julie Nguyen, Andrea Waters-Rist	Initial evaluations of co-occurrence of rickets, scurvy and anemia in six Dutch and Canadian 1650-1854 CE communities
11:30-11:45	<u>Selloane Maboea</u> , Anja Meyer*	Understanding the relationship between linear enamel hypoplasia and Harris lines in indentured Chinese mine labourers recovered from a historical gold mine in the Witwatersrand, South Africa.
11:45-12:15	Awards & Close	

* = virtual presentations

Poster Presentations

Location: KOG restaurant

Poster 1	<u>Friederike Novotny</u> , Michaela Spannagl-Steiner, Leona Kohl, Selina Carlhoff, Angela Mötsch, Stephan Schiffels, Peter C. Ramsel	The Traces of Life Beyond Death: Exploring an Intriguing Early La Tène Period Burial and a Life Marked by Illness and Injury
Poster 2	<u>Deona Botha</u> , Maryna Steyn, Alie Van Der Merwe	A palaeopathological assessment of the late medieval population of Nieuwpoort, Belgium
Poster 3	<u>Doudou Cao</u> , Haibing Yuan	Diet, Agriculture and Oral Health: A Comparative Study of Dental Caries across Three collections in Neolithic China
Poster 4	<u>Karin Wiltschke-Schrotta</u> , Andrea Stadlmayr, Eduard Winter	The collections of human remains in the Natural History Museum in Vienna/Austria - A research infrastructure
Poster 5	<u>Despoina Krommyda</u> , Katerina Theodorakopoulou	Examining climatic events, diseases, and ritual practices within pre-Columbian civilizations through a bioarchaeological perspective
Poster 6	<u>Alie Van Der Merwe</u> , Annemieke Van Dam, Maryna Steyn, Deona Botha	Detecting blood stains on skeletonized remains: a case report describing possible evidence of traumatic haemorrhage on a late medieval skeleton from Nieuwpoort, Belgium
Poster 7	<u>Katrien Van De Vijver</u> , Tara Chapman, Marie Vanhuyse, Valerie Ghesquière, Julie Timmermans	A possible case of <i>pes planus</i> in the convent of Friars Minor in Brussels, Belgium (13-18 th centuries CE)
Poster 10	<u>Alessia Bareggi</u> , Jana Wertz, Jan Bemann, Alice Toso	Life goes on: a story of disability and care at the Germanic edge of the Roman Empire
Poster 11	<u>Anna Moles</u>	Setting up the Groningen Human Osteoarchaeology Lab: materials, processes, and ethics
Poster 12	<u>Veronika Unhurian</u>	Beyond the "bamboo spine": an approach to diagnosing ankylosing spondylitis in a post-medieval-early modern woman from Cherkasy, Ukraine
Poster 13	<u>Charmaine Lovatt</u> , Sydney Holland, Amanda Cooke, Brianne Morgan, Julie Nguyen, Émilie Dion-Allard, Megan B. Brickley, Isabelle Ribot, Andrea Waters-Rist	Exploring health challenges: A possible case of congenital syphilis in 18th-19th century Pointe-aux-Trembles, Québec
Poster 14	<u>Simona Minozzi</u> , Martina Leonardi	Pathological cranial alterations in a Bronze Age sample from Southern Italy (1700-1350 BCE)
Poster 15	Angela Mollica Nardo, <u>Dario Piombino-Mascali</u> , Aurora Giovanna Lo Bue, Filomena De Leo, Clara Enza Urzi	A microbiological approach for the correct display of historic mummified remains in Militello Rosmarino (ca 18 th -19 th centuries, CE, Messina, Italy)
Poster 16	<u>Steffi Vassallo</u> , Sandra Assis, Carlos Moreira, Noelma Vieira, Francisca Alves Cardoso	Surviving but not thriving: palaeopathological insights from a 19th century adult individual from the 3rd Order of Our Lady of Carmo burial site (Porto, Portugal).
Poster 17	<u>Maia Casna</u> , Giovanni Mastronuzzi, Daniele Solinas, Giorgia Tulumello	A comparative study of chronic maxillary sinusitis and otitis media among two ancient Italian

		populations from pre-Roman to Late Antique Periods (5th century BCE-6th century CE)
Poster 18	<u>Michaela Binder</u> , Hannah Grabmayer, Nicole Nicklish	Dwarfism in a female individual from 18 th century Vienna, Austria
Poster 20	<u>Mathilde Sehested Thormann</u> , Scott Donald Haddow, Marie Louise Schjellerup Jørkov	Respiratory health along the Lower Nubian Nile Valley: A prevalence study on chronic maxillary sinusitis between 4 th -2 nd millennium BCE and its correlation with dental diseases
Poster 21	<u>Giada S. Steiger</u> , Matteo Borrini, Kevin Cootes, Megan King, Satu Valoriani	A case of extreme diffuse periostitis in a newborn from Poulton (UK).
Poster 22	<u>Maria Katsimicha</u> , Christina Koureta	A differential diagnosis analysis on a case of mandibular osteomyelitis from the Late Helladic III cemetery of Kallithea-Laganidia, Achaea, Greece (ca. 1400 – 1050 BC)
Poster 23	<u>Sébastien Villotte</u> , Yann Ardagna, Isabelle De Groote, Sacha Kacki, Caroline Polet, Sarah Schrader, and the CONSENSUS Team	CONSENSUS: “reCORDing activity-related chaNGes and hEalth iNDicatorS on the hUman Skeleton”
Poster 24	<u>Agata Lunardini</u> , Valentina Giuffra, Simona Minozzi	A rare case of inguinoscrotal hernia in a 14th-century Italian church mummy (Tuscany, Central Italy)
Poster 25	<u>Lydia Rust</u> , Kristina Pfeiffer, Julia Gresky	Foot fractures in commingled bones from a Bronze - Iron Age (c. 2 nd – 1 st mill. BCE) multiple burial in Fujairah, United Arab Emirates
Poster 26	<u>Katie A. Hemer</u> , Maura Griffith	First report of Type II congenital Klippel-Feil syndrome identified in an infant from early medieval Wales
Poster 27	<u>Giulia Casagrande</u> , Ileana Micarelli, Giorgia Maria Annoscia, Giorgio Manzi	Reconstructing the frequency of traumatic episodes in the Early Medieval population of San Lorenzo di Quingentole (Mantua, Italy)
Poster 28	<u>Roberta Manzollino</u> , Paolo Del Vesco, Marco Samadelli, Albert Zink, M. Linda Sutherland, Alice Paladin	Virtual paleopathological assessment of cranial trauma in an Old Kingdom mummified individual from Asyut, Egypt
Poster 29	<u>Jovita Kadikinaité</u> , Gediminas Petrauskas	The search of a partisan leader Vladas Montvydas-Žemaitis. The process and it's difficulties in Varniai, Lithuania
Poster 30	Edgaras Zaboras, Eglė Valčiukaitė, Andrej Suchomlinov, <u>Dario Piombinomasali</u>	Assessing the Legacy of Congenital Malformations in the Historical Collection of Vilnius University Faculty of Medicine
Poster 31	<u>Lotte Nagelhout</u>	Puzzling lesions: Exploring variability in differential diagnosis for treponemal disease in two late medieval case studies from Kampen, the Netherlands (1381- ca. 1611).
Poster 32	<u>Rosa Seepma</u> , Rachel Schats	Old age, disability, and care in the post-medieval Netherlands: The osteobiography of an elderly woman from 19 th century Zwolle
Poster 33	<u>Jessica Palmer</u> , Simon Daled, Maarten Dhaenens, Dieter Deforce, Isabelle De Groote	Diagnosing Disease: a pilot study of proteomic identification of infectious pathology

Poster 34	<u>Rafaela Alexandra Loureiro</u> , Ana González-Ruiz, Ana Luisa Santos	Developmental defects in the adult human vertebral column: prevalence by biological sex and co-occurrence
Poster 35	<u>Sara Næss Elleskov</u>	Ethical engagement and Indigenous perspectives in biological anthropological research of Greenlandic Inuit remains: Uncovering past tendencies for future insight.
Poster 36	<u>Esmée Corporaal</u> , Vassilis Aravantinos	Living conditions in the Archaic period: A contextualized osteoarchaeological approach of thirteen burials from Thebes, Greece
Poster 37	<u>Jana Valesca Meyer</u>	Skeletal evidence for metabolic and respiratory diseases among non-adults from two Early Medieval sites in Central Germany.
Poster 38	<u>Aida Tadesse</u> , Michele R. Buzon, Sarah A. Schrader	Nibbling through Nubia: An exploration of dental health and diet at Abu Fatima, Sudan (2500 - 1500 BCE)
Poster 39	<u>Melina Frotscher</u> , Sophia Thiem, Natalia Berezina, Julia Gresky	Two adult individuals with cemento-osseous dysplasia (COD) in the mandible from Budyonovsk, Bronze Age (2500–2300 BC) in Northern Caucasus
Poster 40	<u>Bjørn Peare Bartholdy</u> , Sarah A. Schrader	Patterns of Linear Enamel Hypoplasia and Missing Teeth: What does it all mean and why should we care?
Poster 41	<u>Keri Porter</u> , Susan Guise Sheridan	Tinea Capitis as a Confounding Pathology in the Diagnosis of Antemortem Cranial Depression Fractures
Poster 42	<u>Martijn Jacobs</u> , Sarah A. Schrader, Dennis Braekmans	Study of Cribra Orbitalia and Cribra Femora through Portable X-ray Fluorescence Spectrometry (pXRF)
Poster 43	<u>Anouk Van De Ven</u> , Yadira Chinique De Armas, Jason E. Laffoon	Breastfeeding and weaning patterns as a proxy for infantile and maternal health, an isotopic approach.
Poster 44	<u>Satu Valoriani</u> , Hugh Devlin, Ben Spencer, Matteo Borrini	Chemical analysis of a phossy jaw case from Victorian Gloucester (UK)
Poster 45	<u>Roberto Cighetti</u> , Natasa Sarkic, Mislav Čavka, Nenad Andric, Marija Mihaljević, Sofie-Kristin Schendzielorz	A possible case of secondary hypertrophic osteoarthropathy from the 13 th –16 th century Knights Templar's church of Rašaška - Račeša (Croatia)
Poster 46	<u>Sophie Mulder</u> , Liesbeth Smits, Jason Laffoon	Investigating the relationship between childhood mortality, paleopathology, and diet: Preliminary results from stable isotope analysis of incremental dentine from the 19 th century Maagdenhuis orphanage in Amsterdam
Poster 47	<u>Ihab Al-Oumaoui</u>	The use of the UV and Near IR photography in human osteology study
Poster 48	<u>Alfonso Maria Pugliese</u> , Valentina Giuffra, Emanuele Neri, Simona Minozzi	Cranial trepanation from Etruscan Populonia (4th-3rd century BCE, Central Italy)
Poster 49	<u>Leon Corneille-Cowell</u> , Francesco M. Galassi, Elena Varotto, Paola Ponce	A comprehensive literature review of pectus excavatum and pectus carinatum in the archaeological record
Poster 50	<u>Yann Ardagna</u> , Jeremy Maestracci, Didier Lamotte	Caring for the sick, the poor and pilgrims at the Hôpital du Saint-Esprit in Dijon (Côte d'Or, France): paleopathological inferences.

Poster 51	<u>Félix Rodrigues</u> , Maria Teresa Ferreira, Armando Mendes, Vítor M. J. Matos	The new unidentified skeletal collection of amputated limbs in the Azores (Portugal) and its paleopathological relevance
Poster 52	<u>Yann Ardagna</u> , Gaelle Granier, Melissa Duschamps, Antoine Martin-Champetier, Hélène Marino	A case of SAPHO syndrome from Southern France (Avenue Kennedy, Martigues, Bouches-du-Rhône)
Poster 53	<u>Anja Meyer</u>	A possible case of <i>Echinococcus granulosus</i> infection with cyst formation in a historic mine worker from the Koffiefontein Diamond Mine, South Africa

Virtual Poster Presentations

Virtual Poster 1	<u>Irene Kollhof</u> , Giovanni Magno	An early 20th century case of noma infection following typhoid fever from the Morgagni Museum (Padua, Italy)
Virtual Poster 2	<u>Alexandrina Amorim</u> , Ana Maria Silva, Luís Fontes, Rebeca Blanco Rotea	Atypical burial of an adult female from the Modern (17 th -19 th) Santa Maria dos Anjos Churchyard (Valença, Portugal)
Virtual Poster 3	<u>Ben Wigley</u> , Paul Blackwell	An integrated approach to stress: identifying novel approaches to assessing developmental stress
Virtual Poster 4	<u>Zélia Rodrigues</u> , Sandra Assis, Steffi Vassallo, Anne Malcherek, Manuel F. C. Pereira, Vítor Fonseca, Francisca Alves Cardoso	One in a thousand: A challenging palaeopathological diagnosis of a lumbar vertebra found amongst commingled remains from Carmo (Porto, Portugal).
Virtual Poster 5	<u>Anne Malcherek</u> , Steffi Vassallo, Sandra Assis, Zélia Rodrigues, Manuel F.C. Pereira, Francisca Alves Cardoso	Exploring a Calcified Tissue from the 19th century Carmo burial site (Porto, Portugal):
Virtual Poster 6	<u>Hannah Grabmayer</u> , Michaela Binder	On the backs of the working class & poor – Scoliosis in the 18th century patient cemetery of Vienna's first women's hospital
Virtual Poster 7	<u>Adrian Peter Cartalaba</u> , Maria Kathryn Purnell, Kimberly Plomp, Mathew Santamaria, Phoebe Danielle Pangilinan	Bones on Display: Excavating Human Remains from a Five-decade-old Abandoned Museum Installation
Virtual Poster 8	<u>Mar Casquero</u> , Luis Ríos	A possible case of anemia in an adolescent from the Meroitic cemetery of Amir Abdallah (Abri, Sudan)
Virtual Poster 9	<u>Mar Casquero</u> , Luis Ríos	Two archaeological cases of hyoid variants
Virtual Poster 10	<u>Félix Rodrigues</u> , Vítor M. J. Matos, Armando Mendes, Maria Teresa Ferreira	Bullfighting and interpersonal violence related traumatic events in Terceira island: a case study from the First Identified Skeletal Collection of The Azores (CEI/Açores)
Virtual Poster 11	<u>Soledad Salega</u> , Mariana Rubiolo Buzzini, Abril Guarino, Lucas Asteti	Congenital anomalies in an individual from central Argentina (late Holocene)
Virtual Poster 12	<u>Elena Varotto</u> , Maria Teresa Magro, Maia Casna, Lorenzo Memeo, Francesco M. Galassi	Frontal sinusitis from Late Roman Sicily: adding palaeohistology to the picture

Virtual Poster 13	<u>Judyta Olszewski</u> , Victoria Gibbon	How often do we see non-odontogenic cysts in the ancient world?
Virtual Poster 14	<u>Philip Oeltjen</u> , Diana Swales	Osteobiography of two medieval individuals from St. John the Baptist Hospital in Arbroath: a review of differential diagnostic methodology
Virtual poster 15	<u>Esposito, Anna</u>	A case of suspected treponematosi from the Merovingian cemetery of Burmerange (Schengen-Luxembourg)
Virtual Poster 16	<u>Alice Cusan</u> , Giovanni Magno	An early 20th century case of lower lip cancer related to pipe smoking from the Morgagni Museum (Padua, Italy)