



PAMinSA VI
Buenos Aires, Argentina | 10 años
12 a 14 de agosto 2015

PAMinSA VI
VI Paleopathology Association Meeting in South America
Buenos Aires - Argentina – 12 a 14 Agosto de 2015



TIMETABLE – PAMINSA VI		
TIME	WEDNESDAY 12th of AUGUST	LUGAR
8:30-11:00	REGISTRATION	Banco Nación
9:00-9:45	Opening Ceremony	Banco Nación
10:00-12:00	OPEN SESSION 1 Coordinators: Marcos Plischuk and Mario Arrieta	Banco Nación
10:00-10:15	<i>Oral health, subsistence and identification of starch in the dental tartar of Pre-Columbian populations of Northern Chile.</i> Arriaza B., Ogalde J.P., Chacama J., Standen V., Huamán L., Villanueva F. and Aravena N.	Banco Nación
10:15-10:30	<i>Pathologies of the masticatory system caused by instrumental parafunctions.</i> Kozameh L.	
10:30-10:45	<i>The warriors of Rupac, High Chancay valley, Peru (1000-1450 AD): modelations, enthesopathies and chest traumatism.</i> Altamirano Enciso A.J. and Van Dalen Luna P.	
10:45-11:00	<i>Why did Paracas people with cuneiform intentional cranial modification died so early?</i> Gómez J.M and Eggers S.	
11:00-11:15	<i>Klippel-Feil yesterday and today: analysis of two cases by the construction of the biological profile.</i> García-Barzola L.B., Torres Ramírez G., Márquez Morfín L., Cadena Duarte B. and Bullock Kregger M.	
11:15-11:30	<i>Klippel Feil syndrome and other somatic developmental defects in Pampean Late Holocene hunter gatherers. Biological and social interpretations.</i> Luna L.H., Aranda C.M. and Berón M.A.	Banco Nación
11:30-11:45	<i>Diagnosis diferencial de una enfermedad neoplásica en un individuo inmaduro del Período Hispano-indígena Inicial del Noroeste Argentino.</i> Arrieta M.A., Mendonça O.J. and Bordach M.A.	
11:45-12:00	<i>Treponematosi: an exploratory research in Pre-Hispanic population of the coast of Oaxaca, Mexico.</i> Villanueva M., Matadamas Díaz R. and Pardo Alvarado Z.	
12:00-14:00	Lunch	
14:00-15:15	OPEN SESSION 1 (Cont.)	Banco Nación
14:00-14:15	<i>Preliminary study of a possible trepanomatosi case of an individual from La Trila site, VII Region, Chile.</i> Gomes R., Jácome C., Montalvo J., Paredes B., Peña E. and Zárte J.	Banco Nación



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14:15-14:30	<i>A methodological proposal for the study of the degenerative vertebral disease in human skeletal remains.</i> Rojas-Sepúlveda C.M.	
14:30-14:45	<i>Herniations disc prevalence in four well-documented osteological collections.</i> Plischuk M, Desántolo B., García Mancuso R, Garizoain G., Salceda S. and Inda A.M.	
14:45-15:00	<i>Current knowledge about health and disease of hunter-gatherers from Southern Patagonia: recent advances and future challenges.</i> Suby J.A.	
15:00-15:15	Discussion	
15:15-15:30	Break	Banco Nación
15:30-17:00	SYMPOSIUM 1 Interdisciplinary studies and current information in Paleopathology Coordinators: Claudia Rojas-Sepúlveda and Douglas Ubelaker Speaker note: Karin Wiltschke-Schrotta	Banco Nación
15:30-15:45	<i>Paleopathology and the history of tuberculosis: new results from Ancient South America.</i> Buikstra J.E., Bos K.I., Harkins K.M., Herbig A., Coscolla M., Gagneux S., Stone A.C. and Krause J.	
15:45-16:00	<i>Human intestinal parasites from a Mamluk period cesspool in the Christian quarter of Jerusalem, Israel: potential indicators of long distance travel in the 15th century AD.</i> Mitchell P.D., Hui-Yuan Y., Prag K., Clamer C. and Humber J.B.	
16:00-16:15	<i>Interproximal dental grooves: reality or myth.</i> Samplonius A.	Banco Nación
16:15-16:30	<i>Mythical analogical thinking in the interpretation of Pre-Hispanic art of interest for archeomedicine and paleopathology.</i> Sotomayor Tribín H.	
16:30-16:45	<i>Digitised diseases: 3D models of pathological bone.</i> Buckberry J., Gaffney C., Ugail H., Powers N., Phillips C., Manchester K., Holland A., Sparrow T., Storm R., Brown E., Walker D., Henderson M., Ogden A., Boylston A., Le Roux G., Keenan D., Elias P., Connah D. and Wilson A.S.	
16:45-17:00	Discussion	



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18:00-19:00	GUEST SPEAKER <i>Arsenic. Natural pollutants in prehistory and adaptation processes.</i> Bernardo Arriaza.	Paco Urondo
19:00-21:30	Welcome Dinner	Paco Urondo
TIME THURSDAY 13th of AUGUST		
8:30-11:00	REGISTRATION	Banco Nación
9:00-10:30	OPEN SESSION 2 Coordinators: Rocío García Mancuso and Soledad Salega	Banco Nación
9:00-9:15	<i>First paleoparasitological study from Epullán Chica Cave (Northwestern Patagonia, Argentina): reptile and rodent parasites in an archaeological context.</i> Beltrame M.O., Fernández F.J and Sardella N.H.	Banco Nación
9:15-9:30	<i>Origin of pinworm parasites: from mammalian reptiles to humans.</i> Hugot J.P., Gardner S.L., Borba V., Araujo P., Leles D., Da-Rosa A., Dutra J., Ferreira L.F. and Araújo A.	
9:30-9:45	<i>Study of a mummified human remains from Quebrada de la Cueva A1 (Catamarca, Argentina).</i> Kozameh L., Testa N., López M., Olivera D., Miranda P., Killian Galván V., Mango L. and Cornaglia Fernández J.	
9:45-10:00	<i>Violence in the Puna: trauma perimortem cranial on the site Punta de la Peña 9.I, Antofagasta de la Sierra, Catamarca, Argentina.</i> González Baroni L.G., Aranda C.M. and Luna L.H.	
10:00-10:15	<i>Phytoliths and zoolito in "Las Vegas" Culture, Pre-Ceramic OGSE-80 site, Ecuador.</i> Morales Males P.	
10:15-10:30	<i>Dying in the beginnings of life: is it possible to access to children mortality in archaeological series?</i> Wesolowski V. and Fischer P.	
10:30-11:00	Break	
11:00-12:30	OPEN SESSION 2 (Cont.)	Banco Nación
11:00-11:15	<i>Bioarchaeology in the valley of Tafi, Tucumán, Argentina. Contributions to the construction of the latest Pre-Hispanic history.</i> Ibáñez S and Leiva A.V.	Banco Nación



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11:15-11:30	<i>The difficult conquest of the Strait of Magellan: paleopathological analysis of human skeletal remains of two brief occupations.</i> Morano S., Munzenmayer E.H. and Sáez A.S.	
11:30-11:45	<i>Case study: lesions and osteopathological traits and its association with the process of human identification.</i> Reyes E.B. and Gomes R.	
11:45-12:00	<i>Palaeopathological research: the impact on beneficiaries beyond academia in the UK.</i> Roberts C.	
12:00-12:15	<i>Metadata and paleopathology in Austral Patagonia.</i> D'Angelo del Campo M.D., García Laborde P., Valenzuela L.O., Motti J.M.B. and Guichón R.A	
12:15-12:30	Discussion	
12:30-14:00	Lunch	
14:00-15:00	SYMPOSIUM 2 Advances, limits and problems of molecular, chemical and radiological analyses in the study of diseases in the past. Coordinators: Alena Iñiguez and Della Cook Speaker note: Haagen Klauss	Banco Nación
14:00-14:15	<i>Parasites and dietary remains in archaeological samples from Portugal-first results.</i> Sianto L., Teixeira-Santos I., Chaves S.M., Cunha D., Gonçalves D., Alves Pereira P., Godinho R.M., Matias A., Matos V., Leitão S., Pimenta J., Mendes H. and Santos A.L.	
14:15-14:30	<i>Use of the parasitological technique of 10% hydrochloric acid and immunoassay methods for recovery of parasites remains from Sambaqui (shell mound) sediments.</i> Camacho M., Borba Cruz P., Silva V.L., Mendonça de Souza S. and Araújo A.	Banco Nación
14:30-14:45	<i>Parasites and maternal ancestry of Acauã Brazilian mummy: discussing the alternative hypotheses of prehistoric migration to Americas.</i> Iñiguez A.M., Jaeger L., Neto J., Dias O. and Araújo A.	
14:45-15:00	<i>Treponematoses in human remains from the Colonial period from Brazil.</i> Guedes L., Dias O., Neto J., Ferraz Mendonça de Souza S.M. and Mayo Iñiguez A.	
15:00-15:30	Break	Banco Nación



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15:30-17:00	SYMPOSIUM 2 (Cont.)	Banco Nación
15:30-15:45	<i>How do ancient DNA, paleopathology and archaeology interact? Tuberculosis in Ancient Illinois.</i> Cook D.C.	Banco Nación
15:45-16:00	<i>Tuberculosis in Tenetehara-Guajajara: paleopathological and paleogenetic evidence in post-contact Native Americans from Brazil.</i> Jaeger L., Mendonça de Souza S., Líryo A., Rodrigues-Carvalho C. and Iñiguez A.	
16:00-16:15	<i>Radiological study of the mummies from Tlayacapn, Morelos, Mexico.</i> Ruiz González J.L. and Serano Sánchez C.	
16:15-16:30	<i>A preliminary assessment of female Chancay period mummy bundles from the Peruvian central coast: limitations and possibilities of 3D reconstructions.</i> Watson L., Sutherland L., Frohlich B., Lombardi G., Vreeland J., Nystrom K., and Al-Tohamy Soliman M.	
16:30-17:00	Discussion	Paco Urondo
18:00-19:00	GUEST SPEAKER <i>Human sacrifice on the north coast of Peru: recent discoveries pose new questions.</i> John Verano	
TIME FRIDAY 14th of AUGUST		
9:00-10:15	SYMPOSIUM 3 Diseases in socio-economic-environmental change contexts. Coordinators: Guido Lombardi and Mariana Fabra Speaker note: Carlos Serrano	Banco Nación
9:00-9:15	<i>Combining paleopathological and paleoparasitological methods in the interpretation of stress indicators: a study on an Islamic medieval sample from Santarem (Portugal).</i> Cunha D., Santos A.L., Matias A. and Sianto L.	Banco Nación
9:15-9:30	<i>Variation of body stress (effort) during Agroceramic period in San Pedro de Atacama (Chile) through degenerative joint disease.</i> Llagostera Leyton V.	
9:30-9:45	<i>Does terrain affect the frequency of enthesal changes?</i> Acosta M.A., Henderson C. Y. and Cunha E.	



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9:45-10:00	<i>Food in prehistory. The case of Calchaquí valley, Salta, Argentina.</i> Seldes V. and Baffi E.I.	
10:00-10:15	<i>Oral pathology and the foraging-to-farming transition in the Northern Andes.</i> Delgado M.E.	
10:15-10:45	Break	Banco Nación
10:45-12:30	SYMPOSIUM 3 (Cont.)	Banco Nación
10:45-11:00	<i>Polydactyly and giant parietal holes in two Chinchorro mummies of the North of Chile.</i> Standen V.G., Arriaza B. and Monsalve S.	Banco Nación
11:00-11:15	<i>A case of leprosy in the colonial funerary complex of Tlatelolco, México.</i> Ruiz González J.L. and Serrano Sánchez C.	
11:15-11:30	<i>Scurvy in San Gregorio Atlapulco during the contact period as a paleopathological indicator of economic upheaval.</i> Cadena Duarte B.A. and Bullock M.	
11:30-11:45	<i>Bioarcheology of the conflict in Colombia. Head injuries in individuals belonging to the Pre-Hispanic group of the Chitareros.</i> Ruge Velasco L.F.	
11:45-12:00	<i>Mortuary practices and health in the south of Alto Magdalena, Huila, Colombia.</i> Rodríguez C. J.V., Ariza O. A., Cabal G and Caldón F.	
12:00-12:30	Discussion	
12:30-14:00	Lunch	
14:00-15:45	ROUND TABLE <i>10 Year of PAMinSA. State and Perspectives.</i> Coordinators: Sheila Mendonça de Souza and Ana Luisa Santos	Banco Nación
14:00-14:15	<i>Paleopathology Association Meeting in South America, PAMinSA: so what?</i> Mendonça de Souza S.M. y Araujo A.	
14:15-14:30	<i>The impact of PAMinSA in South American paleopathology.</i> Castro M.	
14:30-14:45	<i>To think globally and to act locally. Ten years later.</i> Guichón R.A.	
14:45-15:00	Ten years of PaMinSA workshop. Lombardi G.	



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15:00-15:15	<i>Paleopathology in Colombia, a discussion from the perspective of the organization of PAMinSA V.</i> Rojas-Sepúlveda C. y Perafán Ledezma A.	
15:15-15:30	<i>Intercontinental connections in Paleopathology: some considerations about the influence of PAMinSA.</i> Santos A.L.	
15:30-15:45	Discussion	
15:45-16:15	Break	Paco Urondo
16:15-17:45	POSTER SESSION Coordinators: Bárbara Desántolo, Hilton Drube and Lucía González Baroni	Paco Urondo
	<p><i>The use of tembetá in the central coast of Peru</i> Altamirano Enciso A.J. and Carbonel AranaD.</p> <hr/> <p><i>Dens evaginatus presence in a bioarchaeological case from Mendoza, Argentina.</i> Atencio J.P. and Bollini G.A.</p> <hr/> <p><i>First approach to oral health in hunter-gatherer groups from the middle course of the Negro river (Rio Negro province, Argentina), during the late holocene: a contribution to the paleodiet discussion.</i> Flensborg G. and Serna A.</p> <hr/> <p><i>Spatial distribution of dental caries in human samples from Final Holocene archaeological sites of Argentina.</i> Menéndez L.P.</p> <hr/> <p><i>First evidences of coca leaf chewing from the Puna of Argentina. A bioarchaeological study at Antofagasta de la Sierra, ca. 1300 years BP.</i> González Baroni L.G., Babot M.P. and Olmos A.V.</p> <hr/> <p><i>Diet at Forte Marechal Luz site: isotopic evidences for shellmound builders and Ceramic Pre-Colonial coastal groups, Santa Catarina, Brasil.</i> Bastos M.Q.R., Rodrigues Carvalho C. and Lessa A.</p> <hr/> <p><i>Evidence of metabolic disease in the skeleton: a case study in a Pre-Columbian society from Northwestern Argentina.</i> Drube H., Silvera E., Martínez S., Desántolo B., Lamenza G. and Salceda S.</p>	Paco Urondo



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Evaluation of metabolic stress in Northern Mendoza (Argentina) historical populations through dental enamel hypoplasia evidence.

Mansegosa D., Chiavazza H. and Giannotti S.

Porotic hyperostosis and cribra orbitalia in hunter-gatherer populations at the Lower Paraná wetlands (Cerro Lutz archaeological site, Entre Ríos, Argentina).

Turk E.

Estimate of femur and tibia length from measurements of their segments: comparing groups and sex.

Dias Salles A., Rodrigues-Carvalho C., Barreiros dos Reis S. and Lessa A.

First paleoparasitological analysis in archaeological samples of Northwest Pampa region (Laguna Mar Chiquita, province of Córdoba, Argentina).

Fabra M., Ramirez D. and Ferrero M.

Paleopathological study of human remains of Río Bote 1: a Late Holocene burial site from the Upper Santa Cruz river basin (Southern Patagonia, Argentina).

García Guraieb S.

Towards the systematization of a pathological palimpsest: presentation of the osteological collection "Dr. Luis A. Bosio".

De Zela P.M., Panessa A.F., Vázquez Reyna A. and Bosio L.A.

Case study: first paleopathological analysis of an individual from Los Zazos, Amaicha del Valle, Tucumán, Argentina.

Taddei T.

A study case: lesions and modifications in the thoracic region of a European person in a missionary context. Río Grande, Tierra del Fuego, Argentina.

García Laborde P., D'Angelo del Campo M.D. and Guichón R.A.

New probable cases of Pre-Columbian tuberculosis in Chile.

Pacheco Miranda A.

Treponematosi in Pre-Columbian South America: a revision and update of cases and evidences.

García Guraieb S., Bosio L.A. and Pereyra J.



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Infectious diseases in the Upper Delta of the Paraná river. A preliminary analysis of periosteal reactions of the bone assemblage recovered in Los Tres Cerros 1 site (argentine Northeast).

Ramos van Raap M.A and Scabuzzo C.

Endocranial lesions in infants from a contemporary skeletal collection.

García Mancuso R., Plischuk M., Desántolo B., Petrone S., Inda A.M. and Salceda S.

Possible case of intracranial expansile lesion in the region of the San Francisco river, Yungas of Jujuy, Argentina (1.500 years BP).

Ortiz G., Nieva L., Paz F., Zuñiga S., Zenteno B., Corrado G., Martínez F. and Seldes V.

Congenital hip dysplasia in Northwest Argentina (Tres Cruces site, Salta, Argentina).

Plischuk M. and De Feo M.E.

First evidence of elongated styloid process in an individual from Córdoba ills, Argentina (533 ± 42 years 14C BP).

Salega S. and Fabra M.

Osteoarthritis of the vertebral column in hunter and gatherer societies at the Lower Paraná Wetlands, Argentina.

Mazza B.

Osteochondritis disicans: current knowledge and paleopathological findings in Southern Patagonia.

Suby J.A.

Climbing the mountains: a discussion about osteolytic formations in gastrocnemius entheses. Praia da Tapera series (SC), Brazil.

Lessa A., Scherer L. and Salles A.

Occupational stress markers in the limits of Pre-Hispanic American agriculture: tendencies in Cañada Seca 1 (Mendoza, Argentina).

Peralta E.



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Case study: bioarchaeological indicators of complex mortuary practices in a human skeleton collected at the Pedra de Cachorro rock shelter (Buíque, Pernambuco, Brasil).

Solari A., Serafim Monteiro da Silva S.F. and Di Mello S.

Violence against women in Ancient Greece: what bones can tell us?

Ferreira dos Santos S.

Trauma in hunter-gatherer groups from Eastern Pampa-Patagonia transition (Argentina), during the Late Holocene.

Flensburg G.

Niche construction processes in Northpatagonia during the Late Holocene: bioarchaeological patterns of conflict and subsistence.

Gordón F and Bernal V.

Arrowhead embedded in a rib and foot amputation: a case study from Northern Chile (1000-1450 AD).

Pacheco Miranda A., Retamal Yermani R. and Pinares Toledo J.

An approach to the social conflict in the south of the Pozuelos basin, Jujuy, Argentina. A methodology for addressing trauma in human skeletal remains.

Rodríguez Curletto S.V.

17:45-18:00	Break	Paco Urondo
18:00-20:00	CLOSING ASSEMBLY	Paco Urondo