



PALEOPATHOLOGY ASSOCIATION 8th Meeting in South America

Scientific Program and
Practical Guide



PAMinSA VIII

SÃO PAULO - BRASIL - 2019

Building Connections - 14th to 16th August



Funding Support



Paminsa VIII Logo Art Design by Emerson Nobre

PAMinSA VIII

Organizing Committee

Veronica Wesolowski

(Museu de Arqueologia e Etnologia - Universidade de São Paulo, MAE-USP)

Andre Strauss

(Museu de Arqueologia e Etnologia - Universidade de São Paulo, MAE-USP)

Rodrigo Oliveira

(Instituto de Biociências - Universidade de São Paulo, IBUSP)

Local Organizing Committee

Marina Di Giusto (MAE – USP)

Maurício Silva (MAE-USP)

Daniel Fidalgo (MAE – USP)

Carla Gibertoni (MAE/USP)

Renato Saad (MAE – USP)

Vanusa Gregório (MAE – USP)

Cleber Moura (MAE – USP)

Fabio Santos (MAE-USP)

Ader Gotardo (MAE – USP)

Mariana Inglez (IBUSP)

Scientific Committee

Alena Iñiguez (Fundação Oswaldo Cruz – Brazil)

Ana Luisa Santos (Universidade de Coimbra – Portugal)

Anne Grauer (Loyola University Chicago, USA)

Bernardo Arriaza (Universidad de Tarapaca - Chile)

Della Cook (Indiana University - USA)

Dong Hoon Shin (Seoul National University, South Korea)

Jorge Suby (UNICEN/CONICET)

Karin Wiltschke-Schrotta (National History Museum Vienna, Germany)

Ricardo Guichón (UNICEN/CONICET – Argentina)

Sheila Mendonça de Souza (Fundação Oswaldo Cruz – Brazil)

Cockburn Student Awards Evaluation Committee

Ana Luisa Santos (Universidade de Coimbra – Portugal)

Bernardo Arriaza (Universidad de Tarapaca - Chile)

Della Cook (Indiana University - USA)

Dong Hoon Shin (Seoul National University, South Korea)

Karin Wiltschke-Schrotta (National History Museum Vienna, Germany)

A Few Words of Welcome

After 14 years Paleopathology Association Meeting in South America – PAMinSA returns to Brazil this time in São Paulo City, hosted by São Paulo University. In its 8th edition, this PAMinSA will provide a new opportunity for the construction, reconstruction and renewal of connections between professionals and students from Latin America and other parts of the world, around our common interest: Paleopathology.

Once again, the meeting will bring together professionals and students devoted to the study of past people through their diseases and motivated by the scientific curiosity about the changes followed by the health and disease process through time.

PAMinSA VIII will take place in a very different economic and political scenario, in Brazil as well as other South American countries, from that of two years ago, at the time of our last meeting in Arica - Chile.

Since then the changes have been many and have happened very quickly. In many Latin America's countries, perhaps for the main part of them, funding for research and scientific events has shrunk or even disappeared. The ability to keep more expensive types of research has been reduced, students have had difficulty maintaining their studies due to lack of scholarships and the greater need to work concurrently with their training, and the remuneration of researchers and teachers no longer guarantees for many of us the daily tranquility.

These economic and political circumstances, far from being isolated, follow closely, and in some of our countries articulate with, a subtle change in the air regarding the role and place of science. Distrust of some people on science and on scientists and teachers seems to be growing, and we are surprised how ideas that we thought surpassed since the late Middle Age, such as the idea that the Earth is flat, make room again.

Two years ago when we took on the task of organizing PAMinSA VIII in Sao Paulo we knew about the hard work involved in the adventure, but we also felt comfortably safe because being part of a State University, located in the richer Brazilian State, that had many secure funding possibilities for promotion of scientific meetings. Nothing like the amazing and fast transforming capacity of life in motion to challenge comfort and transform our certainties!

Little by little, we realized that the previous scenario changes, that economic crisis would prevent many students and professionals from Latin America, and even from other parts of the world, to come. Moreover, we could not be able to have enough, if we have any, budget to funding a big meeting and support in any way students and invited speakers.

Particularly, for all Brazilian researchers dedicated to study the life histories of past individuals and past populations through body remains, this already complicated scenario became darker by the loss of the largest and most important human osteological collection in Brazil. It was destroyed in an extension not yet fully known by the fire that burned the National Museum to the ground in September 2018.

In few hours, the fire burned the bicentenary and most important Brazilian Museum, which was the birthplace of Anthropology, Archaeology and Paleopathology in this country. Almost all Brazilian paleopathologists worked in some point of their careers with its osteological collections, many of us began ours careers as students in there. All of us are still grieving in some extension. Sometimes it look likes too much a mourning process for a dear one.

Months of despair and anxiety! So yes, for a very short time, at the end of 2018 and the begging of 2019, we think about ask for a delay or even cancel the PAMinSA VIII. A flash idea, but I need to confess that it crossed our minds!

Then we began to receive confirmation that guest speakers were somehow willing to come with little or no financial help, that colleagues from various countries would making a great effort to come and bring in the work of their students who unfortunately could not travel to Brazil and Paleopathology Association could help to some extent.

For those Brazilian colleagues who former worked on the skeletal series housed at the Nacional Museum, besides the emotional distress caused by the fire, the loss of the collection had an direct impact over the research. Many colleagues, and particularly those professors in National Museum, lost all their work, students needed to redirect master's monographies and PhD's dissertations, researchers needed to interrupt suddenly their ongoing projects. It seemed obvious that their participation in PAMinSA VIII would be compromised, but some of them confirmed that they came any way just to follow the meeting or even to present what they could save from the ashes, in an amazing example of perseverance.

The colleagues' commitment, from all parts of the world, to come despite the difficulties, made us realize that the decision to maintain our initial plans for PAMinSA VIII happen to be, after all, a form of resistance and the declaration of our resilience capacity in face of this new (world), somehow dark, scenario.

The enthusiasm and commitment of all attendees to generate a learning space on Paleopathology in South America, in a spirit of friendship and warmness, marked all PAMinSAs since the first one. Therefore, the idea of connection as the main guideline to PAMINSAN VIII appeared naturally in our minds since the beginning of the planning, so that idea was explicit in the PAMinSA VIII's title that points the direction we would like to take in this meeting:

"Paleopathology: Building connections"

We understand that the establishment, reinforcement and redirection of connections between different themes, approaches, areas of research, methods, theories, professionals and worldviews, produce new ways of understanding reality, ways that are more diverse and more complex.

Back to Brazil after an incredible journey that took us through very beautiful countries, we hope this PAMINSA will allowed a fruitful exchange of knowledge, become a great opportunity to us to learn from which other, and be a great occasion to honorate the Dead, respectfully learning the lessons that they can told us through their bodies.

Maybe this will be one of the smallest PAMinSAs ever, but this is an important declaration of resilience and perseverance to us. So, let go talk about Paleopathology!

In name of the Organizing Committee, I thank you for responding so enthusiastic and generously to our invitation, each of you are very welcomed!

Veronica Wesolowski

PAMinSA VIII

SCIENTIFIC PROGRAM

PAMinSA VIII

CONDENSED PROGRAM		
14 th August	15 th August	16 th August
8:00 - Registration	8:00 - Registration	8:00 - Registration
9:00 - Opening	9:00 - Conference Kirsten Bos (Max Planck Institute for the Science of Human History, Germany) Ancient pathogen genomics: an emerging tool for paleopathology	9:00 – StraightforW.A.R.D: a Webinar on Ancient Rare Diseases <i>Organizers:</i> Julia Gresky (German Archaeological Institute in Berlin, Germany); Emmanuele Petiti (German Archaeological Institute in Berlin, Germany)
9:20 - Conference Anne Grauer (Loyola University Chicago, USA) Contacts and connections: Migrations and paleopathology	9:50 - Symposium: Paleopathology: What Is There Behind the Borders <i>Organizers:</i> Sheila Mendonça de Souza (ENSP/ Fiocruz, Brazil); Ana Luisa Santos (University of Coimbra, Portugal)	10:40 – Podium Session 2: Living at seashores and riverbanks <i>Chair:</i> Bernardo Arriaza (University of Tarapaca)
10:10 - Symposium: About Paleoparasites: perspectives on research richness <i>Organizers:</i> Alena Mayo Iñiguez (Fiocruz, Brazil); Dong Hoon Shin (Seoul National University, South Korea)		
12:00 Lunch	12:00 - Lunch	12:00 - Lunch
13:30 - Symposium: Food and medicines and their Influence on ancient pathology <i>Organizers:</i> Célia Boyadjean (National Museum/UFRJ, Brazil); Dr. Karl Reinhard (University of Nebraska-Lincoln, USA)	13:30 - Symposium: Much more than bones: Thoughts on ethical, scientific and management issues of Human Remains Collections <i>Organizers:</i> Ricardo Guichón (UNICEN/CONICET, Argentina); Claudia Rodrigues-Carvalho (National Museum/UFRJ, Brazil)	13:30 – Podium Session 2: Living at seashores and riverbanks (cont.)
		14:40 – Podium Session 3: Paleoparasites and Molecules <i>Chair:</i> Alena Mayo Iñiguez (Fiocruz, Brazil)
15:30 - Podium Session 1: A Paleopathology Overview	15:40 - Symposium: Common Parasitological Questions Unique to the Americas <i>Organizers:</i> Karl Reinhard (University of Nebraska-Lincoln, USA); Morgana Camacho (University of Nebraska-Lincoln, USA)	16:55 - Conference Claudia Rojas-Sepúlveda. Aportes de la Bioarqueología a la interpretación de una historia de Colombia (Universidad Nacional de Colombia, Colombia)
		17:40 – Students Awards and final remarks

COMPLETE PROGRAM

14th August - Morning

8:00 – 9:00	Registration
9:00 – 9:15	Opening
9:20 – 10:00	Conference: Contacts and connections: Migrations and paleopathology Anne Grauer (Loyola University Chicago, USA)
10:00 – 10:10	Coffee break
10:10 – 12:00	Symposium: About Paleoparasites: perspectives on research richness <i>Organizers:</i> Alena Mayo Iñiguez (Fiocruz, Brazil) Dong Hoon Shin (Seoul National University, South Korea)
<p>10:10: Paleoparasitology and paleogenetic in Brazil: research and education Alena Mayo IÑIGUEZ</p> <p>10:30: Paleoparasitology in Asia from the genetic approaches to the ancient parasites found in Korean mummies of Joseon Dynasty Dong Hoon SHIN, Jong Ha HONG and Min SEO</p> <p>10:50: Paleoparasitology in Europe: Intestinal Parasites at the Late Bronze Age Settlement of Must Farm, UK (9th century BCE) Piers MITCHELL, Marissa L. LEDGER, Elisabeth GRINSHAW, Madison FAIREY, Helen L. WHELTON, Ian D. BULL, Rachel BALLANTYNE and Mark KNIGHT</p> <p>11:10: Pioneering studies in Portugal Luciana SIANTO and Ana Luisa SANTOS</p> <p>11:30: Paleoparasitology 40th Anniversary: a tribute to Luiz Fernando Ferreira – Fiocruz, Brazil. (vídeo)</p> <p>11:40: Time for questions and discussion</p>	
12:00 – 13:30	Lunch

14th August – Afternoon

13:30 – 15:20	Symposium: Food and medicines and their Influence on ancient pathology <i>Organizers:</i> Célia Boyadjean (National Museum, Brazil) Karl Reinhard (University of Nebraska-Lincoln, USA)
<p>13:30: Role of diet in defining vitamin C deficiency in the Lluta Valley of Chile Karl REINHARD, Skeila D. VINTON and Isabel TEIXEIRA-SANTOS</p> <p>13:50: Dietary diversity revealed in dental calculus from sambaqui Jabuticabeira-II Célia BOYADJIAN, Sabine EGGERS and Rita SCHELL-YBERT</p> <p>14:10: Lessons from forensic science: distribution of inhaled and dietary pollen within homicide victim Marina AMARAL, Nicole WALL and Karl REINHARD</p> <p>14:30: Evidence of medicinal plants from Furna do Estrago prehistoric site, Pernambuco State, Brazil. Isabel TEIXEIRA-SANTOS, Luciana SIANTO, Adauto ARAÚJO (in memorian), Sergio CHAVES and Karl REINHARD</p> <p>14:50: Archaeoparasitological, historical, and ethnographic data reveal different parasite infection patterns related to diet in ancient Asian societies Dong Hoon SHIN, Min SEO and Sergey SLEPCHENKO</p> <p>15:10: Time for questions and discussion</p>	
13:30 – 15:20	Coffee break
15:30 -18:10	Podium Session 1: A Paleopathology Overview
<p>15:30: Tenetehara: complicating health and contact. Della Collins COOK</p> <p>15:50: La Conquista Inca en el Extremo Norte de Chile: ¿Vía Pacífica o Vía Militar? Vivien STANDEN, Bernardo ARRIAZA and Génesis PÉREZ</p> <p>16:10: La paleodieta en San Pedro de Atacama durante el Período Medio (~400-1000 CE): prosperidad, intercambio y cambio cultural. Mark HÜBBE, Christina TORRES-ROUFF and William PESTLE</p> <p>16:30: Quién era quién en la cultura Chancay? Los resultados del estudio estratigráfico, antropológico y arqueométrico de los fardos Y restos humanos encontrados en los sitios de Cerro Colorado y Macatón.</p>	

Pieter Dennis Van Dalen LUNA and Lukasz MAJCHRZAK

16:50: Prevalence of pathological lesions in the human osteological materials from Iron Age water burial site Levänluhta, Western Finland.

Kati SALO, Kristiina MANNERMAA, Anna WESSMAN and Tina JAKOB

17:10: Salud Y enfermedad de las poblaciones cazadoras-recolectoras en el Centro-Oeste del Chubut: Estado de la cuestión y perspectivas a futuro.

Denise Karla EVANS and Paula Miranda de ZELA

17:30: Warmi Hampicamayoc: las curanderas tatuadas del cementerio Cerro Colorado, Huacho, Perú.

Alfredo J. Altamirano ENCISO and Pieter Dennis Van Dalen LUNA

17:50: Huanthi: A case of congenital syphilis in Tintay, Querobamba, Ayacucho during the Wari period (600-1100 AD).

Alfredo J. Altamirano ENCISO and Ismael Pérez CALDERÓN

Poster session: All day long from 12:00

15th August - Morning

8:00 – 9:00	Registration
9:00 – 9:40	Conference: Ancient pathogen genomics: and emerging tool for paleopathology Kirsten Bos (Max Planck Institute for the Science of Human History, Germany)
9:40 – 9:50	Coffee break
09:50 – 11:50	Symposium: Paleopathology: What Is There Behind the Borders <i>Organizers:</i> Sheila Mendonça de Souza (ENSP/ Fiocruz, Brazil) Ana Luisa Santos (University of Coimbra, Portugal)

09:50: Either periphery, or center... everything is relative!	
Sheila Mendonça de SOUZA	
10: 10: Portuguese Paleopathology: taking the stock and glancing at the future	
Ana Luisa SANTOS and Carina MARQUES	
10:30: Paleopathology in Greece: current status and future options	
Anna LAGIA and Anastasia PAPATHANASIOU	
10:50: Palaeopathology in South America and Beyond: A Bibliometric Perspective	
Simon MAYS	
11:10: Time for questions and discussion	
12:00 – 13:30	Lunch

15th August – Afternoon

13:30 – 15:25	<p>Symposium: Much more than bones: Thoughts on ethical, scientific and management issues of Human Remains Collections</p> <p><i>Organizers:</i> Ricardo Guichón (UNICEN/CONICET, Argentina) Claudia Rodrigues-Carvalho (National Museum, Brazil)</p>
<p>13:30: Beyond conflict: connecting different perspectives and contradictions in the construction of ethnographic exhibits.</p> <p>Marília Xavier CURY</p> <p>13:50: To analyse or to not analyse? This is a question! Challenges to keep the sub-collection of coprolites and paleoparasitological material Luiz Fernando Ferreira as source of studies in Paleoparasitology</p> <p>Marcia CHAME</p> <p>14:10: Coming back to light: curatorial recovery of old Human Remains Collections</p> <p>Veronica WESOLOWSKI</p> <p>14:30: Dealing with Human Osteological Collections: questions and reflections before and after the fire at Museu Nacional</p> <p>Claudia RODRIGUES-CARVALHO</p> <p>14:50: Generate and share information about human bone remains. Prospects and challenges (Generar y compartir información sobre restos óseos humanos. Miradas y desafíos)</p>	

Ricardo GUICHÓN and Manuel D. D'Angelo del CAMPO	
15:10: Time for questions and discussion	
15:30 – 15:40	Coffee break
15:40 -17:40	<p>Symposium: Common Parasitological Questions Unique to the Americas</p> <p><i>Organizers:</i> Karl Reinhard (University of Nebraska-Lincoln, USA)</p> <p>Morgana Camacho (University of Nebraska-Lincoln, USA)</p>
<p>15:40: Pacific tapeworm infection over time.</p> <p>Isabel TEIXEIRA-SANTOS</p> <p>16:00: Louse infestation associated with immigrant populations in southern Peru</p> <p>Elisa Pucu de ARAÚJO and Karl REINHARD</p> <p>16:20: Tracing the taphonomic loss of endoparasites in Sambaquis</p> <p>Morgana CAMACHO</p> <p>16:40: Porotic hyperostosis related to infection and diet</p> <p>Karl REINHARD and Morgana CAMACHO</p> <p>17:00: Discoveries of geohelminths from Northern Mexico and what this shows about parasitism and Mesoamerican influence.</p> <p>Elisa Pucu de ARAÚJO, Daniela LELES, Jessica SMITH, William Darwin HETZEL, Brandon STRAUSS and Karl REINHARD</p> <p>17:20: Time for questions and discussion</p>	
Poster session: All day long	

16th August - Morning

8:00 – 9:00	Registration
9:00 – 10:30	<p>90min.StraightforW.A.R.D: a Webinar on Ancient Rare Disease</p> <p><i>Organizers:</i> Julia Gresky (German Archaeological Institute in Berlin, Germany)</p> <p>Emmanuele Petit (German Archaeological Institute in Berlin, Germany)</p>
10:30 – 10:40	Coffee break
10:40 – 12:00	<p>Podium Session 2: Living at seashores and riverbanks</p> <p><i>Chair:</i> Bernardo Arriaza (Universidad de Tarapacá, Chile)</p>

<p>10:40: Cold-water Diving in the Tropics? External Auditory Exostoses among the Pre-Columbian Inhabitants of Panama</p> <p>Nicole SMITH-GUZMÁN and Richard G. COOKE</p> <p>11:00: Infantile development, physiological stress and survival expectancy in prehistoric fisher-hunter-gatherers from Jabuticabiera II, South Coast of Brazil</p> <p>Luis PEZO-LANFRANCO and José FILIPPINI</p> <p>11:20: Hidroarsenicismo y Mitimaes</p> <p>Bernardo Arriaza</p> <p>11:40: Intensificación agrícola durante el Periodo Formativo (3000-1 BC) en la costa de los Andes Centrales: evidencia paleodietética</p> <p>Luis PEZO-LANFRANCO, Célia BOYADJIAN and Sabine EGGERS</p>	
<p>12:00 – 13:30</p>	<p>Lunch</p>

16th August – Afternoon

<p>13:30 – 14:35</p>	<p>Podium Session 2: Living at seashores and riverbanks (continuation) <i>Chair:</i> Bernardo Arriaza (Universidad de Tarapacá, Chile)</p>
	<p>13:30: A Survey of bioarchaeological remains from El Paraíso archaeological site, central Peruvian coast</p> <p>Guido LOMBARDI, Dayanna CARBONEL, Anton Humberto Samplonius ANGOBALDO, Jose Augusto Saraiva YATACO and Joaquín NAVÁEZ</p> <p>13:50 Tomografía computada para la identificación y diagnóstico de enfermedades en Chinchorro</p> <p>Verónica SILVA-PINTO, Carlos MONTOYA, Catalina MORALES, Mario CASTRO, Jorge FUENTES, Nicolás SHLOTTERBECK and Marcelo GÁLVEZ</p>
<p>14:30 -15:30</p>	<p>Podium Session 3: Paleoparasites and Molecules <i>Chair:</i> Alena Mayo Iñiguez (Fiocruz. Brazil)</p>
	<p>14:30: Paleoparasitological and paleogenetic identification of human and animal coprolites from the pre-Columbian archeological site Gruta do Gentio II, Minas Gerais, Brazil</p> <p>Ludmila Lima GURJÃO, Ondemar DIAS JR., Jandira NETO and Alena Mayo IÑIGUEZ</p> <p>14:50: Paleogenetic and paleoparasitology analysis of individuals from Jabuticabeira II shell</p>

<p>mound (2890±55 e 1805±65 BP), Santa Catarina, Brazil: First records of parasitic infection and human ancestry</p> <p>Lorrayne BRITO, Lucelia GUEDES, Sabine EGGERS and Alena Mayo IÑIGUEZ</p> <p>15:20: Paleoparasitological study in the Royal Hospital of Cádiz from XVII - XVIII centuries</p> <p>Ramón López GIJÓN</p>	
15:40 – 15:50	Coffee break
15:50 - 16:45	<p>Podium Session 3: Paleoparasites and Molecules (continuation)</p> <p><i>Chair:</i> Alena Mayo Iñiguez (Fiocruz, Brazil)</p>
<p>15:50: Diversity of Capillariidae parasites in different archaeological sites from the New and Old World</p> <p>Victor BORBA, Ludmila Lima GURJÃO. Benjamin DUFOUR, José Roberto MACHADO-SILVA</p> <p>Matthieu LE BAILLY and Alena Mayo IÑIGUEZ</p> <p>16:10: Values under the microscope: a cost-benefit analysis in three different ancient DNA reconstruction approaches</p> <p>Marcelo PIRES, Lucelia GUEDES and Alena Mayo IÑIGUEZ</p> <p>16:30: Ancient DNA analysis of head lice remains from Andean mummies, Arica, Chile</p> <p>Alena Mayo IÑIGUEZ, Lorrayne BRITO, Vivien STANDEN and Bernardo ARRIAZA</p>	
16:55 – 17:40	<p>Conference: Aportes de la Bioarqueología a la interpretación de una historia de Colombia</p> <p>Claudia Rojas-Sepúlveda (Universidad Nacional de Colombia, Colombia)</p>
17:40	Closing remarks and student awards
Poster session: All day long	
20:00	Celebration party: cocktail and music

POSTERS - Qualified to Cockburn Student Award

SP01 - Case study: Paleopathological analysis of an infant from Early Holocene Lapa do Santo, Brazil

João Marcus BACURAU, Rodrigo Elias de OLIVEIRA, André STRAUSS, Rui Sérgio Sereni MURRIETA and Cláudio Campi de CASTRO

SP02 - Ancient parasite analysis and zoonotic potencial of *Spirometra* sp in to two related sitres from Pernambuco, Brazil

Adelianna de Castro COSTA, Ana SOLARI, Sergio Francisco Serafim MONTEIRO SILVA, Gabriela MARTIN, Morgana CAMACHO, Antônio Nascimento DUARTE, Joseli Maria Rocha NOGUEIRA, Davi Almada GABRIEL and Shênia Patrícia Corrêa NOVO

SP03 - A possible case of meningitis in a non-adult skeleton from the Mid-Holocene riverine shellmound Moraes (Miracatu, São Paulo, Brazil)

Daniel FIDALGO, Marina Nogueira DI GIUSTO and Veronica WESOLOWSKI

SP04 - Variabilidad transicional em sacros de cazadors-recolectores de Patagonia Austral

Sara PASTOR, Laura MEDIALDEA, Mónica GRJALBA, Manuel CAMPO MARTÍN, Armando GONZÁLEZ Martín, Pamela GARCIA Laborde, Manuel D D'ANGELO del Campo and Ricardo GUICHÓN

SP05 - Paleopathology and paleonutrition of Itacambira mummies.

Bruna RIBEIRO and Sheila Ferraz Mendonça de SOUZA

SP06 - Cribra orbitalia frequency of Sambaquis groups from Saquarema, Rio de Janeiro: A preliminary study

Isabella Gomes Silveira de Sá RIBEIRO, Murilo Quintans Ribeiro BASTOS, Claudia RODRIGUES-CARVALHO and Victor Guida de FREITAS

SP07 - Inferencias en el análisis directo y indirecto del calculo dental

Alejandro ROMERO, Manuel D D'ANGELO del Campo, Pamela GARCIA Laborde and Ricardo GUICHÓN

SP08 - Primera evidencia de uso de dientes em actividad têxtil em Patagonia Austral

Alejandro ROMERO, Manuel D D'ANGELO del Campo, Pamela GARCIA Labord, Luciano O VALENZUELA and Ricardo GUICHÓN

SP09 - Un probable caso de leucemia en un individuo de la época Wari (850-870 d.c) procedente del sitio arqueológico Huaca Pucllana, Lima - Perú: paleopatología y diagnóstico diferencial

Jose Augusto Saravia YATACO and Micaela Álvarez CALME

SP10 - Un caso inusual de lesión suprainiana procedente de un cementerio Chancay (1000-1470 D.C): Implicancias contextuales en el diagnóstico diferencial

Jose Augusto Saravia YATACO and John W. VERANO

POSTERS

P01 - Estudio comparativo de Microscopía Electrónica de Barrido (MEB) entre Lesión Cervical No Cariosa (LCNC) y Surco Inter-Proximal (SIP) en piezas dentales modernas y una precolombina

Anton SAMPLONIUS A.

P02 - A Heart of Stone - Constrictive pericarditis and other calcified tissues from the pathologic-anatomical collection Vienna

Karin WILTSCHKE-SCHROTTA, Eduard WINTER and Michelle GAMBLE

P03 - Áreas funerarias y modelaciones corporales y patologías de los atavillos (900 – 1570 d. C.): Andes Centrales Peruanos

Pieter Dennis Van Dalen LUNA

P04 - Primeras evaluaciones de cambios entesiales en los habitantes de la Misión Salesiana “Nuestra Señora de la Candelaria” (Tierra del Fuego, Argentina)

Ricardo A. GUICHÓN

P05 - Diseño y evaluación de un protocolo para la extracción simultánea de múltiples proxies en heces: implicancias en investigaciones forenses

Nadia VELÁZQUEZ, Romina PETRIGH, Laura BENVENUTO, Cecilia MARTÍNEZ Tosto, Ivana CAMIOLO, Patricia PALACIO, Martín FUGASSA, Luciano VALENZUELA, Sergio Augusto de Miranda CHAVES, Ricardo A. GUICHÓN and Lidia Susana BURRY

EXTRA ACTIVITIES

14th, 15th and 16th at lunch time [14, 15 y 16 a la hora del almuerzo]

Guided Visits to the Museum of Archaeology and Ethnology exhibits:

[Visitas guiadas a las exposiciones del Museo de Arqueología y Etnología:]

- ✓ Resistance Already! Strengthening and uniting indigenous cultures: Kaingang, Guarani Nhandeva and Terena. [¡Resistencia ya! Fortalecimiento y unión de las culturas indígenas: Kaingang, Guarani Nhandeva y Terena.]

- ✓ Visitable Technical Reserve: The Museum Behind the Scenes. [Reserva técnica visitable: El museo detrás de las escenas]

PRACTICAL GUIDE

The Organizing Committee of PAMinSA VIII provides this practical guide with the objective of facilitating public participation in the event.

In it you will find information about transportation, useful telephone numbers, and a map with the location of the PAMinSA VIII.

Welcome to São Paulo!

Organizing Committee

PAMinSA VIII

PAMinSA VIII

HOW TO GET TO SÃO PAULO

➤ From GRU-Airport (São Paulo Guarulhos International Airport)

The GRU-Airport is located around 25 km from the city center of Sao Paulo. Several bus, taxi and transfer companies provide airport shuttles.

Airport Bus Service: It is a bus service that links the International Airport to strategic points in São Paulo: Congonhas Airport, the Bus Terminals of Barra Funda and Tietê, and Paulista Avenue from which you can easily take the subway. The Airport Bus Service has various schedules and routes and the price varies around R\$ 50.00. The tickets can be purchased in the Airport bus service stores in the Terminals 1, 2 and 3. Consult the São Paulo subway map (<http://www.metro.sp.gov.br/pdf/mapa-da-rede-metro.pdf>) for more information on subway stations, lines, and stations for line changes. The price of the subway ticket is R\$ 4.30. For more information: <http://www.airportbusservice.com.br/br/home>.

Taxi: Taxi: A cab from GRU-Airport to the University of São Paulo (Butantã campus), will cost around R\$ 200.00. The only cab's company authorized to operate at São Paulo Guarulhos International Airport is the cooperative *Guarucoop*. There are points of sale (credit cards accepted) outside terminals 1, 2 and 3 on the arrival floor of the International Airport. For destinations outside Guarulhos these taxis can only operate at prepaid rates, being prevented by law from charging any extra fees. Do not take other cabs than the authorized *Guarucoop*.

Uber: Uber is a safe transportation from GRU-Airport and less expensive than taxis. There are meeting points for waiting and boarding cars operating at Uber on the departure floor of all terminals at Guarulhos Airport. At meeting points in Terminal 2 (Check-in C and Check-in D) and Terminal 3 (Check-in H) there are Uber staff to assist passengers in finding the driver and answering any questions. Trips started at Guarulhos Airport include an R \$ 4.50 extra charge to users and according to Uber this fare is fully reversed to Guarulhos airport management for infrastructure investment.

Public transport: outside the International Airport Terminals, there is the EMTU / SP bus stop to *Tatuapé* subway station (bus line 257 - EMTU). The price is R\$ 6.45. The bus departs from the International Airport every 20 minutes. Consult the São Paulo subway map for more information on subway stations, lines, and station line changes. The cost of the subway ticket is R\$ 4,30.

➤ **From Congonhas Airport**

The Congonhas Airport is located 8 km from the city center of Sao Paulo and the cost of taxi and Uber are cheaper than from GRU-Airport. There is also the possibility of use public transport to reach to hotels and to the University. The closest subway station is *São Judas* station (line 1-blue). Take the bus line 609 J/10 upon arrival, in front of the regular taxi stand, and go until the final stop. The price of the bus and subway ticket is R \$ 4.30, each. Consult the São Paulo subway map (<http://www.metro.sp.gov.br/pdf/mapa-da-rede-metro.pdf>) for more information on subway stations, lines, and stations for line changes.

➤ **From Barra Funda and Tietê Bus Stations**

The two bus stations connected with subway stations. From Barra Funda Bus Station you have access to Subway Red Line 3 (Barra Funda Station), from Tiete Bus Station you have access to the Subway Blue Line 1 (Tiete subway station). The cost of the subway ticket is R\$ 4,30. Consult the São Paulo subway map (<http://www.metro.sp.gov.br/pdf/mapa-da-rede-metro.pdf>) for more information on subway stations, lines, and stations for line changes.

MOVING AROUND IN THE CITY OF SÃO PAULO

Bus and Subway

The price of the municipal buses and the subway is R\$ 4.30 per ticket. For more information about the various bus lines in São Paulo consult: <http://www.sptrans.com.br/>

Taxis

In general, taxis in Sao Paulo offer a good and safe service, but a little bit expensive. Between 8pm - 6am and on Sundays, it cost 30% more. On the website www.tarifadetaxi.com/sao-paulo it is possible to estimate the price of the trip, but remember that the final price will always depending on the traffic, always a little challenging . If you choose the taxi use a call center, use an app, or pick them up directly at the point of origin.

Call centers:

CHAME TAXI: (+55 11) 3103 8100

LIGUE TAXI: (+55 11) 2101 3030

COOPER TAXI: (+55 11) 2095 6000

APPS available for Android and IOS:

99 Taxi

Coopertaxi

Uber

GOING OUT TO DINNER

Sao Paulo is known for its varied and good quality cuisine. There are options for every taste and budget and in every neighborhood of the city. Pinheiros and Vila Madalena neighborhoods concentrate a lot of restaurants and pubs near the recommended hotels. In addition to these, there are also several dining and fast food options at Eldorado Shopping Mall.

HOW TO GET TO THE MEETING

PAMinSA VIII will take place in the Auditorium *Nicolau Sevcenko* at History and Geography School, University of São Paulo (*Butantã* campus). The address is **Av Professor Lineu Prestes, 338**

In addition to private transport (e.g. taxis and Uber), there is also the possibility of arriving by public transport.

Subway: The closest subway station to USP is *Butantã* station on line 4 - yellow. Next to the station there is a bus terminal (*Butantã* bus terminal); take the circular bus 8012 or 8022 - *Cidade Universitária* (Circular 1 or 2) to the bus stop near the History and Geography building. The price of the bus ticket is R\$ 4,30. On line itinerary maps : www.ime.usp.br/images/arquivos/imagens/itinerarios.pdf

Bus: There are several bus lines that get from different city points into the University City (University of São Paulo - *Butantã* campus). The price of the bus ticket is R\$ 4.30.

Taxi 's stations inside São Paulo University:

(+55 11) 3091-3556 (University administration building)

(+55 11) 3091-4488 (Banks Square)

(+55 11) 3091-3536 (University Hospital)

RESTAURANTS NEAR THE MEETING

On a very easy walkable distance:

Restaurant at School of History and Geography (Av Professor Lineu Prestes, 338)

Located at the entrance of the building, next to the Auditorium, it has a varied menu for lunch on the kilo buffet system or on the quick lunch menu options, as well as assorted snacks. There is a 10% discount on lunch time available for PAMinSA's attendees (you will need to show the credential at the cashier).

PAMinSA VIII

BIG DOG Food Truck – A Brazilian Style Hot Dog

For a quick lunch, this food truck is a family business running since 1977. Brazilian Style Hot Dogs are much more than just bun-and-sausage; it is a big tasty experience.

Guita and José Mindlin Brasiliana Library Restaurant

Located at Ave. Professor Luciano Gualberto, across the street near the building of the School of History and Geography, the restaurant serves a selection of four options lunchtime meals (including a veggie one) that changes every day and a varied snacks option. A more expensive option than others.

For a walk a little bit longer but agreeable

FEA (Sweeden) Restaurant

Located in an alley that begins on the Ave. Professor Lúcio Martins Rodrigues, just behind the School of Economics, the restaurant has a varied buffet, where you serve yourself and pay for the meal according to the weight of the food served (R\$ 79,00/kilo). It is a good option if you like salads and will be satisfied on this, however a meal that includes pasta, rice or a big portion of meat can easily cost over R\$ 40.00 in this restaurant. There are also cheaper options of Japanese food (around R\$20.00) and economy dishes (R\$ 25.00).

Urban SP Burger

Located between Banks and the Rectory, for a quick meal this food truck serves tasty burgers in four versions, including a vegetarian, which can be sided with French fries.

USEFUL CONTACT INFORMATION

University's Hospital	Av. Prof. Lineu Prestes, (+55 11) 3091-9200
Emergency at USP	(+55 11) 3091-3222 or (+55 11) 3091-4222
Medical Emergency (SAMU)	192
Police	190
Fire Department	193





□ PAMinSA VIII ● Bus Stop

PAMinSA VIII

☐ PAMinSA VIII
 ☒ Bus Stop



PAMinSA VIII