



28TH WORLD ECHINOCOCCOSIS CONGRESS

“Toward the Control and Elimination of Echinococcosis”

Centro de Convenciones “27 de Enero” (Convention Center of Lima)
Calle La Arqueología, San Borja (Lima, Peru)

PRELIMINARY PROGRAM
(Tuesday, October 29 - Thursday, October 31, 2019)

INVITED SPEAKERS

Abela-Ridder, Bernadette, PhD (Department of the Control of Neglected Tropical Diseases, World Health Organization, Geneva, Switzerland)

Acosta, Gerardo, PhD (Instituto de Medicina Preventiva Veterinaria y Programa de Investigación Aplicada en Fauna Silvestre, Facultad de Ciencias Veterinarias, Universidad Austral de Chile, Chile)

Akhan, Okan, MD, Prof. (Faculty of Medicine, Hacettepe University, Ankara, Turkey)

Altintas, Nazmiye, PhD (Ege University, Medical Faculty, Department of Parasitology, Bornova-Izmir, Turkey)

Alvarez, Cristian, MSc (Institute of Parasitology, Vetsuisse Faculty, University of Zürich, Switzerland)

Brunetti, Enrico, MD (Department of Clinical Surgical Diagnostic and Paediatric Sciences, University of Pavia, Pavia, Italy)

Budke, Christine, PhD (College of Veterinary Medicine & Biomedical Sciences, Texas A&M University, USA)

Casas, Natalia, Mg (Coordinación de Zoonosis, Ministerio de Salud y Desarrollo Social de la Nación de Argentina)

Casulli, Adriano, PhD (Department of Infectious Diseases, Istituto Superiore di Sanita', Rome, Italy)

Deplazes, Peter, Dr. (Institute of Parasitology, University of Zurich, Switzerland)

Elisondo, Maria Celina, Dr (Laboratorio de Zoonosis Parasitarias, Instituto de Investigaciones en Producción Sanidad y Ambiente, Facultad de Ciencias Exactas y Naturales, Universidad Nacional de Mar del Plata, CONICET, Argentina)





Gavidia, César, PhD (Universidad Nacional Mayor de San Marcos, Peru)

Graeter, Tilmann, PD Dr. med. (Department of Diagnostic and Interventional Radiology, University Hospital Ulm, Ulm, Germany)

Grüner, Beate PD Dr.med. (Leitung Sektion Klinische Infektiologie Universitätsklinikum Ulm, Germany)

Heath, David, PhD (AgResearch New Zealand Limited, HopKirk Research Institute, Grasslands Research Centre, Palmerston North, New Zealand)

Jenkins, David, PhD (School of Animal and Veterinary Sciences, Charles Sturt University, Wagga, Australia)

Junghanss, Thomas, MD (Heidelberg University Hospital, Germany)

Kachani, Malika, DVM, PhD, NAPF (Professor of Parasitology & Global Health, College of Veterinary Medicine, Western University of Health Sciences, Pomona, California, USA)

Lightowers, Marshall, PhD (University of Melbourne, Australia)

Larrieu, Edmundo, PhD (Universidad Nacional de Rio Negro, Argentina)

Menezes da Silva, Antonio, MD (Presidente del Colegio de Cirugía General de Portugal, Coordinator of the Surgery Group of the IWGE-WHO, Portugal)

Millon, Laurence, PhD, Prof. (Head of Parasitology-Mycolology, University Hospital, Besançon, France)

Moro, Pedro, MD, MPH (Centers for Disease Control and Prevention, Atlanta, USA)

Müllhaupt, Beat, Dr. Prof. (UniversitätsSpital Zürich Klinik für Gastroenterologie und Hepatologie, University of Zurich, Switzerland)

Náquira, César, Dr (Universidad Nacional Mayor de San Marcos, Peru)

Ran, Zhiguang, PhD, Professor (General Manager Assistant / Director of Quality, Research & Development Chongqing Auleon Biologicals Co., Ltd, China)

Romig, Thomas, PhD (Universität Hohenheim, Parasitology Unit, Stuttgart, Germany)

Santillán, Graciela, Dr (Departamento de Parasitología Instituto Nacional de Enfermedades Infecciosas – ANLIS Carlos G Malbran Argentina)

Santivañez, Saul, PhD (Universidad Peruana Cayetano Heredia, Peru)

Sayes, Julio, MSc (Coordinador Técnico de la Comisión Nacional de Zoonosis, Uruguay)

Siles, Mar, PhD (Instituto de Recursos Naturales y Agrobiología de Salamanca, Spain)





Stojkovic, Marija, MD (Clinical Tropical Medicine Unit, Heidelberg University Hospital Germany)

Tamarozzi, Francesca, PhD (Department of Infectious Diseases, Istituto Superiore di Sanita', Rome, Italy)

Torgerson, Paul, PhD (Professor of Veterinary Epidemiology, Vetsuisse Faculty, Zurich, Switzerland)

Uchiumi, Leonardo, MD (Ministry of Health of Río Negro Province, Argentina)

Verastegui, Manuela, PhD (Universidad Peruana Cayetano Heredia, Peru)

Vizcaychipi, Katherina, MSc (INMeT e INEI – ANLIS “Carlos G. Malbran”, Argentina)

Vuitton, Dominique A., MD, PhD (Professor Emeritus of Clinical Immunology, WHO Collaborating Centre on Prevention and Treatment of Human Echinococcosis, University Bourgogne Franche-Comté, France)

Monday, October 28

Time	Activity (Sala Mangomarca)
08.30 - 18.00	Registration
09.00 – 18:00	Pre- Congress Course: Advances in Diagnosis and Management of Echinococcosis.
18:30 – 19.30	Welcome and Opening Ceremony
20.00 - 22.00	Social Confraternity

Tuesday, October 29

Time	Sala Mangomarca	Sala Huantile 2	Sala Huantile 1
09:00 – 11:00	<p>Round table 1 Cystic Echinococcosis in Peru: Current Situation</p> <p><u>CHAIR</u> César Náquira, Dr (Peru)</p> <p><u>INVITED SPEAKERS</u></p> <ul style="list-style-type: none"> - Saúl Santivañez, PhD (Peru) - César Gavidia, PhD (Peru) - Ubaldo Flores, Mg (Peru) Peruvian Veterinary Service (SENASA) “Peruvian Pilot Program of Prevention and Control of Cystic Echinococcosis / Hydatidosis” - Peruvian Ministry of Health (Representative) 		
11:00 – 11:30	Coffee break		
11:30 – 13:00	<p>Symposium 1: Imaging methods in the diagnosis and follow up of human Cystic Echinococcosis</p> <p><u>CHAIR</u> Francesca Tamarozzi, PhD (Italy)</p> <p><u>INVITED SPEAKERS</u></p>	<p>Symposium 2: Molecular biology of the species of <i>Echinococcus</i></p> <p><u>CHAIR</u> Dominique Vuitton, PhD (France)</p> <p><u>INVITED SPEAKERS</u></p> <ul style="list-style-type: none"> - Thomas Romig, PhD (Germany) 	Poster session

	<ul style="list-style-type: none"> - Thomas Junghanss, MD (Germany) <i>“US, CT and MRI in cystic echinococcosis”</i> - Marija Stojkovic, MD (Germany) <i>“US in follow-up (watch and wait) overview of evidences gathered so far”</i> - Francesca Tamarozzi, PhD <i>“Update on the WHO-IWGE work on imaging”</i> 	<p><u>SCIENTIFIC ORAL PRESENTATIONS</u></p> <ul style="list-style-type: none"> - John A. Ohiolei (China) <i>“Cystic echinococcosis in Nigeria: first insight into the genotypes of Echinococcus granulosus from animals”</i> - Jenny Knapp (France) <i>“European Alveolar echinococcosis genotyping: an EmsB microsatellite analysis”</i> - Laure Bournez (France) <i>“Probability of detection of Echinococcus multilocularis DNA in fox fecal samples”</i> 	
<p>13:00 – 14:30</p>	<p>Lunch</p>		
<p>14:30 – 16:00</p>	<p>Symposium 3: Immunological methods of the diagnosis and follow up of human Cystic Echinococcosis</p> <p><u>CHAIR</u> Mar Siles, PhD (Spain)</p> <p><u>INVITED SPEAKERS</u></p> <ul style="list-style-type: none"> - Manuela Verastegui, PhD (Peru) <p><u>SCIENTIFIC ORAL PRESENTATIONS</u></p> <ul style="list-style-type: none"> - Ambra Vola (Italy) <i>“Diagnostic performances of commercial elisa, iha, and wb for the diagnosis of echinococcal vs non-echinococcal lesions: a retrospective analysis of data of a single reference centre”</i> - Bao Haihua (China) <i>“Serum Ferritin combined with MRI in identifying IgG negative Application study of hepatic cystic echinococcosis and hepatic cysts”</i> 	<p>Symposium 4: Diagnosis and treatment / prevention of cystic echinococcosis (intermediate hosts, animal models)</p> <p><u>CHAIR</u> Cesar Gavidia, PhD (Peru)</p> <p><u>INVITED SPEAKERS</u></p> <ul style="list-style-type: none"> - Celina Elissondo, Dr. (Argentina) - David Heath, PhD (New Zealand) <i>“EG95 vaccine testing in China. Factory production, safety and efficacy to Registration and to large scale production”</i> <p><u>SCIENTIFIC ORAL PRESENTATIONS</u></p> <ul style="list-style-type: none"> - Jun Li (China) <i>“A platform for identifying novel carbazole aminoalcohols against echinococcosis”</i> 	<p>Poster session</p>

	<ul style="list-style-type: none"> - Eya Ben Salah (France) “Value of soluble programmed death-1 (sPD-1) and sPD-ligand-1 (sPDL-1) as immunological biomarkers for the follow-up of cystic echinococcosis in Tunisian pediatric patients” 	<ul style="list-style-type: none"> - Katherina Vizcaychipi (Argentina) “Serodiagnostic Study of Cystic Echinococcosis in Sheep from areas of Amazonian Dominion, Province of Misiones, Argentina” - Antonela Paladini (Argentina) “Towards an Experimental Model For Studying Cyst Formation” 	
16:00 – 16:30	Coffee break		
16:30 – 17:30	<p>Conference 1: Socioeconomic impact of Echinococcosis in endemic countries</p> <p><u>CHAIR</u> Paul Torgerson, PhD (Switzerland)</p> <p><u>INVITED SPEAKER</u> Christine Budke, PhD (USA)</p>		
17:30 – 19:00	World Association of Echinococcosis - General Assembly		

Wednesday, October 30

Time	Sala Mangamarca	Sala Huantile 2	Sala Huantile 1
09:00 – 11:00	<p>Round table 2: Situation of Cystic Echinococcosis around the world</p> <p><u>CHAIR</u> Edmundo Larrieu, PhD (Argentina)</p> <p><u>INVITED SPEAKER</u></p> <ul style="list-style-type: none"> - Adriano Casulli, PhD (Italy) “The burden of cystic and alveolar echinococcosis in Europe” 		

	<ul style="list-style-type: none"> - David Heath, PhD (New Zealand) - Julio Sayes, MSc (Uruguay) <i>“National Control Program of Cystic Echinococcosis in Uruguay: achievements and future challenges”</i> 		
<p>11:00 – 11:30</p>	<p>Coffee break</p>		
<p>11:30 – 13:00</p>	<p>Symposium 5: Surgery and other intervention options for Cystic Echinococcosis treatment in humans</p> <p><u>CHAIR</u> Okan Akhan, MD, Prof. (Turkey)</p> <p><u>INVITED SPEAKERS</u></p> <ul style="list-style-type: none"> - Antonio Menezes da Silva (Portugal) <i>“CE liver Surgery: where are we standing”</i> - Enrico Brunetti, MD (Italy) <i>“PAIR technique: Overview”</i> - Okan Akhan, MD, Prof. (Turkey) <i>“Catheterization and MoCaT techniques: What is new?”</i> <p><u>SCIENTIFIC ORAL PRESENTATIONS</u></p> <ul style="list-style-type: none"> - Xinyu Peng (China) <i>“An Old Issue But New Perspective --Re-evaluation of surgery for hydatid disease of the liver”</i> - Karima Achour (Algeria) <i>“Algerian experience in medico-surgical management of hydatid disease since the World Congress of WAE in Algeria in 2017”</i> 	<p>Symposium 6: Diagnosis and classification of human Alveolar Echinococcosis</p> <p><u>CHAIR</u> Peter Deplazes, Professor (Switzerland)</p> <p><u>INVITED SPEAKERS</u></p> <ul style="list-style-type: none"> - Beat Müllhaupt, Prof. (Switzerland) <i>“Clinical and laboratory diagnosis of Alveolar Echinococcosis”</i> - Tilmann Graeter (Germany) <i>“Imaging classification of Alveolar Echinococcosis”</i> <p><u>SCIENTIFIC ORAL PRESENTATIONS</u></p> <ul style="list-style-type: none"> - Wang Bei et al. (China) <i>“Evaluation of Residual Liver Function in Patients with Hepatic Alveolar Echinococcosis (HAE) with Energy Spectrum CT”</i> - Eleonore Brumpt et al. (France) <i>“AE hepatic lesions: correlation between calcifications at CT and FDG - PET/CT metabolic activity”</i> - Bao Haihua et al. (China) 	<p>Poster session</p>

		<p><i>“Gd-EOB-DTPA-enhanced MRI to evaluate the lesion and liver function in Hepatic Alveolar Echinococcosis”</i></p> <ul style="list-style-type: none"> - Philipp Kronenberg (Switzerland) <i>“Early serological diagnosis of human alveolar echinococcosis”</i> 	
13:00 – 14:30	Lunch		
14:30 – 16:00	<p>Symposium 7: Anti-parasitic drug treatment of Human Cystic Echinococcosis</p> <p><u>CHAIR</u> Thomas Junghanss, MD (Germany)</p> <p><u>INVITED SPEAKERS</u></p> <ul style="list-style-type: none"> - Marija Stojkovic, MD (Germany) <i>“Antiparasitic drug treatment of Cystic Echinococcosis: the evidence of cyst stage specific efficacy”</i> - Leonardo Uchiumi, MD (Argentina) <i>“Global access to Benzimidazoles: preliminary results of an ongoing survey”</i> - Marija Stojkovic MD (Germany), Leonardo Uchiumi MD (Argentina), Thomas Junghanss MD (Germany) <i>Interactive case series: “Would you treat this patient with albendazole?”</i> 	<p>Symposium 8: Treatment of Alveolar Echinococcosis</p> <p><u>CHAIR</u> Beate Grüner, PD Dr.med (Germany)</p> <p><u>INVITED SPEAKERS</u></p> <ul style="list-style-type: none"> - Beat Müllhaupt, Professor (Switzerland) - Beate Grüner, PD Dr.med (Germany) <i>“Alveolar Echinococcosis in Germany: Retrospective Analysis of 280 Cases from 2011 to 2018”</i> <p><u>SCIENTIFIC ORAL PRESENTATIONS</u></p> <ul style="list-style-type: none"> - Yingmei Shao (China) <i>“East meets West in pushing the envelope of End-stage Alveolar Echinococcosis Surgery: Ex Vivo Liver Resection and Autotransplantation”</i> - Moreau Joséphine (France) <i>“Is radical surgery still the gold standard for European patients with alveolar echinococcosis?”</i> 	Poster session

		<ul style="list-style-type: none"> - Ye Shuai (China) <i>“To predict the correlation between calcification and its biological activity of Hepatic alveolar echinococcosis”</i> - Chuanshan Zhang (China) <i>“Immune exhaustion and reversal by blocking checkpoint receptor TIGIT in patients and experimental mice with alveolar echinococcosis”</i> 	
16:00 – 16:30	Coffee break		
16:30 – 18:00	<p>Round table 3: Countries with control / elimination programs of Cystic Echinococcosis</p> <p>CHAIR Pedro Moro, MD, MPH (CDC, USA)</p> <p>INVITED SPEAKERS</p> <ul style="list-style-type: none"> - Nazmiye Altintas, PhD (Turkey) - Marshall Lightowlers, PhD (Australia) - Paul Torgerson, PhD (Switzerland) - Ran Zhiguang (China) <i>“Large-scale Vaccination of EG95 Vaccine Significantly Interfered with the Dog-Sheep and Goat Transmission Chain of Hydatidosis”</i> 		
18:00 – 19:30	Scientific Session 1 (oral presentations)	Scientific Session 2 (oral presentations)	Internal meeting PERITAS / Initiative to Control CE
20:00	Congress Dinner		

Thursday, October 31

Time	Sala Mangamarca	Sala Huantile 2	Sala Huantile 1
09:00-11:00	<p>Round table 4: Continental project experiences on Cystic Echinococcosis</p> <p><u>CHAIR</u> Adriano Casulli, PhD (Italy)</p> <p><u>INVITED SPEAKERS</u></p> <ul style="list-style-type: none"> - CESSARi Thomas Romig, PhD (Germany) <i>“CESSARi: Research on Cystic Echinococcosis in Sub-Saharan Africa”</i> - HERACLES Adriano Casulli, PhD (Italy) <i>“The international impact of HERACLES collaborative project on cystic echinococcosis”</i> - ERCE Francesca Tamarozzi, PhD (Italy) <i>“The state of European Register of Cystic Echinococcosis (ERCE) 5 years after its inception”</i> - South American Initiative Paulo Duarte, PhD (Brasil) - PERITAS Adriano Casulli, PhD (Italy) <i>“Molecular-epidemiological studies on pathways of transmission and long lasting capacity building to prevent cystic echinococcosis infection: outline of PERITAS project”</i> - NDTND Adriano Casulli, PhD (Italy) <i>“ERANET-LAC project: Development of new diagnostic and treatment options for helminthic neglected diseases (NDTND)”</i> 		

	<p>SCIENTIFIC PRESENTATIONS</p> <ul style="list-style-type: none"> - Leonardo Uchiumi (Argentina) <i>“Ultrasound screenings in Rio Negro province, Argentina: preliminary results from stage 1 of PERITAS project”</i> - Gerardo Acosta (Chile) <i>“Ultrasound screenings in Limarí province, Chile: preliminary results from stage 1 of PERITAS project”</i> - Saul Santivañez (Peru) <i>“Ultrasound screenings in Peru: preliminary results from stage 1 of PERITAS project”</i> 		
<p>11:00 – 11:30</p>	<p>Coffee break</p>		
<p>11:30 – 13:00</p>	<p>Symposium 9: WHO-IWGE</p> <p><u>CHAIRS</u> Thomas Junghanss, MD (Germany) Okan Akhan, MD, Prof. (Turkey)</p> <p><u>INVITED SPEAKERS</u></p> <ul style="list-style-type: none"> - Bernadette Abela-Ridder PhD (WHO, Geneva, Switzerland) <i>“Reinserting CE and AE in the New NTD roadmap and Universal Health Coverage”</i> - Thomas Junghanss MD (Germany) <i>“The ‘CE Technical Manual’: reaching out to health services and patients”</i> - Laurence Millon PhD (France) <i>“Update from the AE clinical working group”</i> - Edmundo Larrieu PhD (Argentina) / Marshall Lightowlers (Australia) <i>“Control of Cystic Echinococcosis: Background and Prospects”</i> 	<p>Symposium 10: EcoHealth / OneHealth</p> <p><u>CHAIR</u> Gerardo Acosta, PhD (Chile)</p> <p><u>INVITED SPEAKERS</u></p> <ul style="list-style-type: none"> - Malika Kachani, PhD (USA) <i>“One Health: the reality out there...”</i> - Peter Deplazes, PhD (Switzerland) <i>Alveolar Echinococcosis in Europe: transmission ecology, diagnosis and control in a Swiss “One Health” network”</i> - David Jenkins, PhD (Australia) <i>“One Health and the evolving epidemiology of Echinococcus granulosus in Australia”</i> 	<p>Poster session</p>

	<ul style="list-style-type: none"> - Paul Torgerson PhD (Switzerland) “AE control, an update” - Dominique A. Vuitton PhD (France) “International consensus on terminology in the field of echinococcosis” <p>Discussion</p>	<p><u>SCIENTIFIC ORAL PRESENTATIONS</u></p> <ul style="list-style-type: none"> - Giulia Paternoster (Switzerland) “Geospatial disease modelling to identify potential environmental determinants of human echinococcosis in Kyrgyzstan” - Rudi Cassini (Italy) “A One-Health evaluation of the socio-economic impact of cystic echinococcosis in the Veneto region, a hypoendemic area in Northern Italy” 	
<p>13:00 – 14:30</p>	<p>Lunch</p>		
<p>14:30 – 16:00</p>	<p>Symposium 11: Diagnosis of Echinococcosis in definitive host</p> <p><u>CHAIR</u> Graciela Santillán, Dr (Argentina)</p> <p><u>INVITED SPEAKERS</u></p> <ul style="list-style-type: none"> - Cristian Alvarez, MSc (Switzerland) “Update on knowledge of transmission of Echinococcus to humans” - Edmundo Larrieu (Argentina) - Graciela Santillán, Dr (Argentina) “Cystic Echinococcosis: environmental diagnosis” <p><u>SCIENTIFIC ORAL PRESENTATIONS</u></p> <ul style="list-style-type: none"> - Luis M. Jara (Peru) “Development and validation of a Copro-ELISA sandwich for detection of Echinococcus 	<p>Symposium 12: Neotropical Echinococcosis: emerging zoonosis</p> <p><u>CHAIR</u> Katherina Vizcaychipi, MSc (Argentina)</p> <ul style="list-style-type: none"> - Katherina Vizcaychipi MSc (Argentina) “Epidemiological situation and importance of the Neotropical Echinococcosis in America and the world” - Speaker to confirm “Diagnosis and treatment of Neotropical Echinococcosis” - Natalia Casas (Argentina) “Neotropical and Cystic Echinococcosis, a multidisciplinary view from 	<p>Poster session</p>

	<i>granulosus-soluble membrane antigens in dogs”</i>	<i>the public health perspective”</i> <u>SCIENTIFIC ORAL PRESENTATIONS</u> - Jhon Bosmediano (Peru) <i>“Neotropical Polychistic Echinococcosis in Cuniculus paca and Dasypus novemcinctus in the upper Itaya river basin, Peru”</i>	
16:00 – 18:00	Scientific Session 3 (oral presentations)	Scientific Session 4 (oral presentations)	
18:00 – 18:30	Closing Ceremony		