

XXIV CONGRESO LATINOAMERICANO DE MICROBIOLOGÍA – XI CONGRESO CHILENO DE MICROBIOLOGÍA

Santiago, Centro de Eventos y Convenciones Centroparque 13 al 16 de noviembre 2018

Martes 13 Nov						
Inscripciones / Colocar Poster				Reuniones Satélites		
Plenaria 1 - ASM						
Gran Salón A	Gran Salón B	Gran Salón C	Patio Austral	SOMICH (Salón Araucaria)	ASOCHIN (Salón Canelo)	SLAMTB (Salón Colque)
<p><b>9.00 - 9.45</b></p> <p>Andreas Bäumer, Ph.D. Professor in the Department of Medical Microbiology and Immunology at the University of California, Davis School of Medicine, in Davis, California, USA</p> <p>"Healthy Gut Excludes Oxygen"</p> <p>Presentada por Dra. Claudia Saavedra</p>						
<p><b>10.00 - 10.45</b></p> <p>Plenaria 2 - ASOCHIN</p> <p>Maria Vicario, Ph.D., Associate Researcher, Head of the Laboratory of Translational Mucosal Immunology/Division of Digestive and Liver Diseases, VHIR Vall d'Hebron Research Institute, Autonomous University, Barcelona, Spain.</p> <p>Neuroimmune interactions in the intestinal mucus associated with irritable bowel syndrome pathogenesis</p>						
<p><b>10.45 - 11.15</b></p> <p>Coffee Break Auspiciado por BRUKER</p>						
Simposium S4	Simposium S2	Simposium S3	Simposium S1			
Gran Salón A	Gran Salón B	Gran Salón C	Patio Austral	Coordinador(a): Andrea von Groll		
<p><b>100 years since the 1918 pandemic: developments in vaccines and understanding pathogenesis</b> - Stefan Weidner, Universidad Católica de Chile</p> <p>Peter Palosa, Hovora W. Goldman Professor and Chair, Department of Microbiology, Department of Medicine, Icahn School of Medicine at Mount Sinai.</p> <p>Toward a Universal Influenza Virus Vaccine: Chimeric and mosaic Hemagglutinin-based Approaches</p>	<p><b>Virus en los Alimentos y Aguas: Importancia Para Viviana Cuchac, Instituto de Salud Pública de Chile</b></p> <p>Orlvia Sanchez Miragas, Departamento de Microbiología y Ecología. Universidad de Valencia.</p> <p>Pathogenicity of Norovirus and Hepatitis A virus</p>	<p><b>Comunidades Microbianas en Ambientes Puro Acuáticos</b> - Beatriz Casera, Universidad Técnica Federico Santa María</p> <p>Maria Mercedes Zambrano, Coroguen, Bogotá, Colombia.</p> <p>Diversity and function of microbiomes in paramo ecosystems</p>	<p><b>Bacterias en Enfermedades Orales: ¿Qué nos son y qué nos hacen?</b> - Carlos Neme, Universidad de Chile</p> <p>Rodrigo Gaxamán, Unidad de Carioología, Departamento de Rehabilitación Oral, Facultad Ciencias de la Salud, Universidad de Talca</p> <p>Dental caries: infection or dysbiosis? The delicate ecological balance in the dental biofilm</p>	<p>André Kipnis, Brasil: Mycobacterium abscessus iron homeostasis: evolution or adaptation?</p> <p>Fabiána Bigli, Argentina: Characterization of the two component regulatory system PhoPQ in Mycobacterium bovis</p> <p>Pedro Almeida da Silva, Brasil: Mycobacteria spp. from supporting to best actor</p> <p>Carlos A. Arango, Colombia: Evaluación de productos naturales como inhibidores del crecimiento micobacteriano</p>		
<p><b>11.15 - 12.45</b></p> <p>Ramona Subbarao, Director, WHO Collaborating Centre for Reference and Research on Influenza. The Peter Doherty Institute for Infection and Immunity.</p> <p>Pandemic Influenza Vaccines</p> <p>Daniel Perez, Professor, Department of Poultry Medicine, Georgia Research Alliance Distinguished Investigator, Caswell S Euston Chair in Poultry Medicine, University of Georgia, College of Veterinary Medicine.</p> <p>Antigenic Flexibility of Influenza Virus</p>	<p><b>Viviana Cuchac, Microbiología de Alimentos, Instituto de Salud Pública de Chile.</b></p> <p>Norovirus and Hepatitis A virus related to outbreaks in Chile, 2010-2017</p>	<p><b>Alexandre Macedo, Universidade Federal do Rio Grande do Sul, Brasil.</b></p> <p>Cold and salt-adapted microorganisms as source for penicillin metabolites</p>	<p><b>Leveto Abusleme, Oral Immunity and Inflammation Department, UNICEN, UNEN</b></p> <p>Changes in structure and function of bacterial communities associated with periodontal disease</p>	<p>Carlos A. Arango, Colombia: Evaluación de productos naturales como inhibidores del crecimiento micobacteriano</p>		
Lunch Break						
Simposium S5	Simposium S6	Simposium S7	Simposium S8			
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<p><b>Proteomics of Microorganisms</b> - Jorge González, Universidad de Antofagasta</p> <p>Leonard Foster, Michael Smith Laboratories Vancouver Campus 285 East Main Vancouver, BC Canada.</p> <p>Uncovering novel pathways in Salmonella pathogenesis using proteomics</p> <p>Jorge González, Unidad de parasitología Molecular, Departamento de Tecnología Médica, Universidad de Antofagasta.</p> <p>Role of proteomics in the study of Trypanosoma cruzi virulence</p> <p>Macarena Vargas Poblete, Department of Structural Biology, Faculty of Sciences, University of Chile, Santiago, Chile.</p> <p>Global proteomic profiles for comparing virulence traits of Salmonella typhimurium in different surrogate host models</p>	<p><b>Nuevas tendencias en inocuidad alimentaria y vigilancia microbiológica de alimentos</b> - Magaly Toro y Angélica Reyes, INTA, Universidad de Chile</p> <p>Marc Allard, Division of Microbiology, Office of Regulatory Science, Center for Food Safety and Applied Nutrition, Food and Drug Administration, USA.</p> <p>GenomeTraxr database and network: WGS network for real-time characterization and source tracking of foodborne pathogens</p> <p>Shaohua Zhao, Division of Animal and Food Microbiology, Office of Research, Center for Veterinary Medicine, USA. Food and Drug Administration, USA.</p> <p>Monitoring Antimicrobial Resistance of Foodborne pathogens in Retail Meats: NARMS at FDA</p> <p>Magaly Toro, Profesor asistente, INTA, Universidad de Chile.</p> <p>Food microbiology in Chile: Applied genomics and antimicrobial resistance surveillance as tools to ensure food safety</p>	<p><b>Yeasts for food science and technology</b> - Claudio Martínez, Universidad de Santiago de Chile</p> <p>José Manuel Guzmán, Instituto de Agroquímica y Tecnología de Alimentos, Valencia, España.</p> <p>Molecular mechanisms of adaptation of wine yeasts to fermentation conditions: Strategies of genetic improvement</p> <p>A new aptogenetic switch for yeasts biotechnology and functional genomics</p> <p>Claudio Martínez, Departamento de Ciencia y Tecnología de Alimentos, Universidad de Santiago de Chile.</p> <p>TORC2 signaling pathway on nitrogen consumption in Saccharomyces cerevisiae during alcoholic fermentation</p>	<p><b>Neuro-Immune Response - ASOCHIN</b>, Chair: Mario Rosenblatt, Ph.D. Fundación Ciencia &amp; Vida, Daniela Sauma Ph.D. Faculty of Sciences, Universidad de Chile</p> <p>Francisca Quintana Associate Professor of Neurology, Department of Neurology, Harvard Medical School, Center for Neurologic Diseases, Brigham and Women's Hospital, USA.</p> <p>Regulation of CNS inflammation</p> <p>Rodrigo Noves, PhD., Associate Professor, Immunology Program, ICBM, Faculty of Medicine, Universidad de Chile, Chile.</p> <p>Dual role of interferon-gamma in experimental and human multiple sclerosis</p> <p>Rodrigo Pacheco, PhD, Head of the Laboratory of Neuroimmunology in the Fundación Ciencia &amp; Vida, Chile.</p> <p>Dopaminergic regulation of T-cell mediated inflammation</p> <p>Caroli Bebrán M., PhD., Assistant Professor, Faculty of Medicine, Universidad de Chile. Head of the gastroenterology laboratory, Clinical Hospital Universidad de Chile.</p> <p>The neuroimmune role of mast cell in the disorders of Gut-Brain interaction</p>	<p>Nai Corrado, FEMS &amp; ALAM - building a trans-Atlantic bridge to strengthen the global microbiology community.</p> <p>Lukasz Drewiński, Polonia: Arsenic-Oxidizing Bacteria Endofer 04, M14 - from genome characterization to application in pilot plant installation</p> <p>Rodrigo Noves, PhD., Associate Professor, Immunology Program, ICBM, Faculty of Medicine, Universidad de Chile, Chile.</p> <p>Dual role of interferon-gamma in experimental and human multiple sclerosis</p> <p>Rodrigo Pacheco, PhD, Head of the Laboratory of Neuroimmunology in the Fundación Ciencia &amp; Vida, Chile.</p> <p>Dopaminergic regulation of T-cell mediated inflammation</p> <p>José María Leiva, Holanda: Simultaneous biological oxidation of ferric iron and chemical oxidation of asenite to produce scorodite</p>		
<p><b>14.30 - 16.00</b></p> <p>Jorge González, Unidad de parasitología Molecular, Departamento de Tecnología Médica, Universidad de Antofagasta.</p> <p>Role of proteomics in the study of Trypanosoma cruzi virulence</p> <p>Macarena Vargas Poblete, Department of Structural Biology, Faculty of Sciences, University of Chile, Santiago, Chile.</p> <p>Global proteomic profiles for comparing virulence traits of Salmonella typhimurium in different surrogate host models</p>	<p><b>Actualización en patógenos transmitidos por los alimentos</b> - Angélica Reyes y Magaly Toro, INTA, Universidad de Chile</p> <p>Jianghui Meng, Joint Institute for Food Safety and Applied Nutrition, University of Maryland, USA.</p> <p>Shiga toxin-producing E. coli: source and significance of foodborne pathogens</p> <p>Yun-Hweon Gan, Department of Biochemistry, Yong Loo Lin School of Medicine, National University of Singapore.</p> <p>Colonization and virulence potential of hypervirulent Klebsiella pneumoniae</p> <p>Kelly Wynne, Department of Biochemistry and Molecular Biology, Biol21 Molecular Science and Biotechnology Institute, University of Melbourne, Australia.</p> <p>Population genomic insights into the evolution of multi-drug resistant and hypervirulent Klebsiella pneumoniae</p>	<p><b>Una Salud y/o Exposición de la Resistencia Antimicrobiana, Un Desafío Transversal</b> - Juan Carlos Hernández, Instituto de Salud Pública de Chile, Organización Panamericana de la Salud</p> <p>Juan Carlos Hornaabal, Iife Subdesp. Enfermedades Infecciosas, Departamento de Laboratorio Biomedico, Instituto de Salud Pública de Chile, Coordinador Una Salud Chile. Concepto Una Salud, Laboratorio en Chile y América Latina</p> <p>Roberto Melano, Microbiología Molecular, Laboratorio de Salud Pública, Public Health Ontario, Canada. Professor Asistente, LMP, Universidad de Toronto, Canada.</p> <p>Estrategia Una Salud frente a Mecanismos de Resistencia de Patógenos Epidémicos</p> <p>José Manuel Murillo, Instituto de Ciencia e Innovación en Medicina, Facultad de Medicina, Universidad del Desarrollo, Santiago Chile.</p> <p>Resistencia antimicrobiana, Desafío para Chile en lo genético y de investigación aplicado</p> <p>Jeanette Zurita, Prof. de la Facultad de Medicina de la Pontificia Universidad Católica de Ecuador. Jefa del Servicio de Microbiología y Tuberculosis del Hospital</p>	<p><b>Colectores de Cultivos Microbianos</b> - Michael Singer y Beatriz Cámara, Universidad Técnica Federico Santa María</p> <p>Edward Moore, Culture Collection of University of Gothenburg, Suecia, Curador CCUG.</p> <p>Evolving Strategies of Microbial Resource Centres as Repositories of Genetic Resources and Service Providers</p> <p>Lorena Barra Bucare, Instituto de Investigaciones Agropecuarias - INIA, Chile.</p> <p>Chilean Culture Collection of Microbial Genetic Resources: strategic relevance for scientific and technological development national and international level.</p> <p>Beatriz Cámara, Departamento de Química y Centro de Biotecnología, Universidad Técnica Federico Santa María, Valparaíso, Chile.</p> <p>Chilean marine antimicrobial culture collection: an important resource for bioprospection</p>	<p>Simposio FEMS-ALAM Coordinador(a): Dra. Gloria Levican</p> <p>Coordinador: Pedro Almeida da Silva</p> <p>Patricia Del Portillo, Colombia: Bioprofiles de Mycobacterium tuberculosis identificados mediante Biología de sistemas y células en el diseño de nanosensores</p> <p>Carlos Yeid Soto, Colombia: Potencial de las ATPasas tipo F como dianas para el diseño de compuestos antituberculosos</p> <p>Gabriela Gago, Argentina: Transcriptional regulation of fatty acid metabolism in Mycobacterium tuberculosis: identification and validation of new drug targets</p> <p>Karla Giraldo, Brasil: Schistosom cell lipid metabolism impairs neuronal physiology after Mycobacterium repleta infection</p>		
<p><b>16.10 - 17.40</b></p> <p>The Twin Threats of Klebsiella pneumoniae Infections: Antimicrobial Drug Resistance and Hypervirulence - Andrés Morcillo y Fadioua Cogan, Universidad de Chile</p> <p>Andrés Morcillo, Departamento de Biología, Facultad de Ciencias, Universidad de Chile.</p> <p>The impact of genomic islands on the virulence and genome evolution of Klebsiella pneumoniae</p> <p>Yun-Hweon Gan, Department of Biochemistry, Yong Loo Lin School of Medicine, National University of Singapore.</p> <p>Colonization and virulence potential of hypervirulent Klebsiella pneumoniae</p> <p>Kelly Wynne, Department of Biochemistry and Molecular Biology, Biol21 Molecular Science and Biotechnology Institute, University of Melbourne, Australia.</p> <p>Population genomic insights into the evolution of multi-drug resistant and hypervirulent Klebsiella pneumoniae</p>	<p><b>Actualización en patógenos transmitidos por los alimentos</b> - Angélica Reyes y Magaly Toro, INTA, Universidad de Chile</p> <p>Jianghui Meng, Joint Institute for Food Safety and Applied Nutrition, University of Maryland, USA.</p> <p>Shiga toxin-producing E. coli: source and significance of foodborne pathogens</p> <p>Yun-Hweon Gan, Department of Biochemistry, Yong Loo Lin School of Medicine, National University of Singapore.</p> <p>Colonization and virulence potential of hypervirulent Klebsiella pneumoniae</p> <p>Kelly Wynne, Department of Biochemistry and Molecular Biology, Biol21 Molecular Science and Biotechnology Institute, University of Melbourne, Australia.</p> <p>Population genomic insights into the evolution of multi-drug resistant and hypervirulent Klebsiella pneumoniae</p>	<p><b>Una Salud y/o Exposición de la Resistencia Antimicrobiana, Un Desafío Transversal</b> - Juan Carlos Hernández, Instituto de Salud Pública de Chile, Organización Panamericana de la Salud</p> <p>Juan Carlos Hornaabal, Iife Subdesp. Enfermedades Infecciosas, Departamento de Laboratorio Biomedico, Instituto de Salud Pública de Chile, Coordinador Una Salud Chile. Concepto Una Salud, Laboratorio en Chile y América Latina</p> <p>Roberto Melano, Microbiología Molecular, Laboratorio de Salud Pública, Public Health Ontario, Canada. Professor Asistente, LMP, Universidad de Toronto, Canada.</p> <p>Estrategia Una Salud frente a Mecanismos de Resistencia de Patógenos Epidémicos</p> <p>José Manuel Murillo, Instituto de Ciencia e Innovación en Medicina, Facultad de Medicina, Universidad del Desarrollo, Santiago Chile.</p> <p>Resistencia antimicrobiana, Desafío para Chile en lo genético y de investigación aplicado</p> <p>Jeanette Zurita, Prof. de la Facultad de Medicina de la Pontificia Universidad Católica de Ecuador. Jefa del Servicio de Microbiología y Tuberculosis del Hospital</p>	<p><b>Colectores de Cultivos Microbianos</b> - Michael Singer y Beatriz Cámara, Universidad Técnica Federico Santa María</p> <p>Edward Moore, Culture Collection of University of Gothenburg, Suecia, Curador CCUG.</p> <p>Evolving Strategies of Microbial Resource Centres as Repositories of Genetic Resources and Service Providers</p> <p>Lorena Barra Bucare, Instituto de Investigaciones Agropecuarias - INIA, Chile.</p> <p>Chilean Culture Collection of Microbial Genetic Resources: strategic relevance for scientific and technological development national and international level.</p> <p>Beatriz Cámara, Departamento de Química y Centro de Biotecnología, Universidad Técnica Federico Santa María, Valparaíso, Chile.</p> <p>Chilean marine antimicrobial culture collection: an important resource for bioprospection</p>	<p>ASOCHIN: Mini Symposium Immune disorders (Oral communications)</p> <p>Coordinador(a): Jorge Fernandez</p> <p>Yessia Hidalgo (MR Bono's group) "Functional alterations in the Thymus of the systemic lupus erythematosus murine model NZBWF1"</p> <p>Maria Mercedes Zambrano, Colombia: Microbiota, salud y tuberculosis</p> <p>Juan Tichauer (R Naves's group) "Interferon-gamma-induced tolerogenic profile in a microglia subset in experimental autoimmune encephalomyelitis"</p> <p>Carolina Prado (R Pacheco's group) "Dopamine receptor D2 plays a dual role in B cells favoring antigen-presenting cell function and stimulating the suppressive activity of regulatory B cells in autoimmunity"</p> <p>Karen Dubois Camacho (M Hermsdorf's group) "MicroRNA 378a-3p: a Novel Post-transcriptional Regulator of IL33 Expression"</p> <p>Jaxaira Maggi (JC Aguilón's group) "Tolerogenic dendritic cells generated with dexamethasone and monophosphoryl lipid A are characterized by a particular transcriptional profile associated with immunoregulatory features"</p> <p>Pablo Veloso (M Hernandez's group) "Macrophages increase their polarization towards M1 and M2 in symptomatic apical periodontitis"</p>		
<p><b>17.40 - 19.15</b></p> <p>Poster Session A / Coffee Break (Area Multipropósito)</p>						
<p><b>19.30 - 20.15</b></p> <p>Plenaria 3 - INAUGURACIÓN auspiciada por BIOTECOM</p> <p>Stanley Maloy, Ph.D. Professor of Microbiology and Dean of the College of Sciences at San Diego State University, USA</p> <p>"Phage and the Evolution of New Infectious Diseases"</p> <p>Presentado por Dra. Claudia Saavedra</p>						
<p><b>20.15</b></p> <p>Explanada</p> <p>Cheese &amp; Wine</p>						

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<p><b>9.00 - 9.45</b></p> <p><b>Ana Fernandez-Sesma</b>, Professor of Microbiology, Co-director of the Microbiology Main Training Area, Graduate School of Biomedical Sciences, Icahn School of Medicine at Mount Sinai, USA</p> <p><i>"Mechanisms of Immune Modulation by Dengue Virus"</i></p> <p>Presentada por Dr. Rafael Medina</p>																										
<p><b>10.00 - 10.45</b></p> <p><b>David Raika, Ph.D.</b>, Professor in the Department of Microbiology and Immunology and a member of the Institute for Genome Science at University of Maryland School of Medicine, USA</p> <p><i>"Use of genomics to examine the diversity and dynamics of enteric pathogens"</i></p> <p>Presentada por Dr. Roberto Vidal</p>																										
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Ciencias Biológicas, Universidad Andrés Bello</p> <p>Acid transcription factor influence in Salmonella neutrophil infection</p> </td> </tr> <tr> <td> <p><b>David Montano</b>, Programa de Microbiología y Micología, Facultad de Medicina, Universidad de Chile, Chile</p> <p>Contribution of the pathogenicity islands to virulence and emergence of isolates of Shiga toxin-producing <i>Escherichia coli</i> EPEC</p> </td> <td> <p><b>Luis Falcón</b>, Instituto de Ecología, Universidad Nacional Autónoma de México</p> <p>Lagoona Bocalar: arrecifes microbianos en un ecosistema en peligro</p> </td> <td> <p><b>Michael Seeger</b>, Universidad Técnica Federico Santa María</p> <p>Genomics and metabolic reconstruction of environmental bacteria</p> </td> <td> <p><b>Susan Burns</b>, Laboratorio de Patología Microbiana, Departamento de Genética Molecular y Microbiología, Facultad de Ciencias Biológicas, Pontificia Universidad Católica de Chile</p> <p>Role of Interleukin-10 producing neutrophils during respiratory bacterial infection</p> </td> </tr> </tbody> </table>				Gran Salon A	Gran Salon B	Gran Salon C	Patio Austral	<p><b>VII Reunion LACER (Latin American Coalition for Escherichia coli Research)</b> - Alfredo Torres, University of Iowa, Iowa City, IA</p> <p><b>Bertha González-Pedraza</b>, Departamento de Genética Molecular, Instituto de Fisiología Celular, Universidad Nacional Autónoma de México</p> <p>Recent progress in molecular mechanisms of type III secretion in EPEC</p>	<p><b>Ecología Microbiana de Ambientes Acuáticos de Sudamérica</b> - Catalina Dorador, Universidad de Antioquia</p> <p>Verónica Medina Tricada, Departamento de Biología, Universidad de Playa Ancha, Valparaíso, Chile</p> <p>Verificabilidad de grupos funcionales del ciclo del nitrógeno en ambientes acuáticos diversos de Chile</p>	<p><b>Metagenómica y Genómica Funcional de Microorganismos</b> - Michael Singer, Universidad Técnica Federico Santa María</p> <p><b>Gabriel Padrón</b>, Laboratorio de Leishmaniosis, Instituto Oswaldo Cruz, FIOCRUZ, Rio de Janeiro, Brazil</p> <p>Human neutrophil elastase and Helicobacter pylori infection</p> <p>Mass spectrometry in microbiology</p>	<p><b>Neurophil Biology and Infection</b> - Susan Burns, Pontificia Universidad Católica de Chile</p> <p><b>Lee-Ann Allen</b>, University of Iowa, USA</p> <p>Human neutrophil elastase and Helicobacter pylori infection</p>	<p><b>Alfredo Torres</b>, University of Texas Medical Branch, Galveston, USA</p> <p>A decade of LACER: Challenges and Opportunities</p> <p><b>María María Amaral</b>, Laboratorio de Fisiopatología, Instituto de Fisiología y Biofísica "Bernardo Houssay" (IBIH-Houssay), Facultad de Medicina, Universidad de Buenos Aires Consejo Nacional de Investigaciones Científicas y Técnicas (UBA-CONICET), Argentina</p> <p>Action of Shiga toxin type 2 and Sialitase Cytotoxin on human renal epithelial and endothelial cells under conditions or not of cross talk in vitro models to study the mechanisms involved in the renal injury in Hemolytic Uremic Syndrome</p>	<p><b>Sara Cuadros-Orellana</b>, Departamento de Ciencias Forestales, Universidad Católica del Maule, Talca, Chile</p> <p>Microbial ecology of mildly acidic hot springs of the Laguna del Maule volcanic field</p>	<p><b>Howard Junca</b>, Microbiomas Foundations, Colombia</p> <p>Ecogenomics and holobionts: Resources and tools for biotech exploration, evolution studies and environmental restoration</p>	<p><b>Claudia Saavedra</b>, Lab. 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<p><b>VII Reunion LACER (Latin American Coalition for Escherichia coli Research)</b> - Alfredo Torres, University of Iowa, Iowa City, IA</p> <p><b>Bertha González-Pedraza</b>, Departamento de Genética Molecular, Instituto de Fisiología Celular, Universidad Nacional Autónoma de México</p> <p>Recent progress in molecular mechanisms of type III secretion in EPEC</p>	<p><b>Ecología Microbiana de Ambientes Acuáticos de Sudamérica</b> - Catalina Dorador, Universidad de Antioquia</p> <p>Verónica Medina Tricada, Departamento de Biología, Universidad de Playa Ancha, Valparaíso, Chile</p> <p>Verificabilidad de grupos funcionales del ciclo del nitrógeno en ambientes acuáticos diversos de Chile</p>	<p><b>Metagenómica y Genómica Funcional de Microorganismos</b> - Michael Singer, Universidad Técnica Federico Santa María</p> <p><b>Gabriel Padrón</b>, Laboratorio de Leishmaniosis, Instituto Oswaldo Cruz, FIOCRUZ, Rio de Janeiro, Brazil</p> <p>Human neutrophil elastase and Helicobacter pylori infection</p> <p>Mass spectrometry in microbiology</p>	<p><b>Neurophil Biology and Infection</b> - Susan Burns, Pontificia Universidad Católica de Chile</p> <p><b>Lee-Ann Allen</b>, University of Iowa, USA</p> <p>Human neutrophil elastase and Helicobacter pylori infection</p>																							
<p><b>Alfredo Torres</b>, University of Texas Medical Branch, Galveston, USA</p> <p>A decade of LACER: Challenges and Opportunities</p> <p><b>María María Amaral</b>, Laboratorio de Fisiopatología, Instituto de Fisiología y Biofísica "Bernardo Houssay" (IBIH-Houssay), Facultad de Medicina, Universidad de Buenos Aires Consejo Nacional de Investigaciones Científicas y Técnicas (UBA-CONICET), Argentina</p> <p>Action of Shiga toxin type 2 and Sialitase Cytotoxin on human renal epithelial and endothelial cells under conditions or not of cross talk in vitro models to study the mechanisms involved in the renal injury in Hemolytic Uremic Syndrome</p>	<p><b>Sara Cuadros-Orellana</b>, Departamento de Ciencias Forestales, Universidad Católica del Maule, Talca, Chile</p> <p>Microbial ecology of mildly acidic hot springs of the Laguna del Maule volcanic field</p>	<p><b>Howard Junca</b>, Microbiomas Foundations, Colombia</p> <p>Ecogenomics and holobionts: Resources and tools for biotech exploration, evolution studies and environmental restoration</p>	<p><b>Claudia Saavedra</b>, Lab. Microbiología Molecular Dpto. Ciencias Biológicas, Fac. Ciencias Biológicas, Universidad Andrés Bello</p> <p>Acid transcription factor influence in Salmonella neutrophil infection</p>																							
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Carreno's group)</b>, "NKT cell stimulation by glycolipid ligands modified from a galactosylceramide results in differential cytokine secretion profiles"</p> <p><b>Manuel Flores (A Ouellet's group)</b>, "Evaluación inmunológica de una vacuna química de ADN basada en los marcos de lectura abiertos BAB1_0270, BAB1_0282 y el gen <i>Sox2</i> de <i>Brunella abortus 2308</i>"</p> <p><b>José Jiménez (MI Becker's group)</b>, "TLRA, but not Dectin-1 or Dectin-2, participates in the proinflammatory effects induced by mouluk hemocytin in antigen presenting cells of mammal"</p>		
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<p><b>Esteban Chaves Ojeda</b>, Centro de Investigación en Enfermedades Tropicales, Facultad de Microbiología, Universidad de Costa Rica</p> <p>Toxin dependent and independent factors that explain the increased virulence of epidemic strains of <i>Clostridium difficile</i></p>	<p><b>Kristen DeAngelis</b>, Department of Microbiology, University of Massachusetts Amherst, USA</p> <p>Ecology and evolution of soil microbes in a warming world</p>	<p><b>Sally Holmes</b>, ARC Australian Laureate Fellow Faculty, SUELS, University of Sydney, Australia</p> <p>The Evolution of Viral Emergence</p>	<p><b>Ana María Zarraga</b>, Instituto de Bioquímica y Microbiología, Facultad de Ciencias, Universidad Pontificia Católica de Chile, Valparaíso, Chile</p> <p>Distribution and diversity of <i>Mycobacterium bovis</i> in Chile</p>																							
<p><b>Fernando Gil</b>, Microbiota Host Interactions and Clostridia Research Group, Universidad Andrés Bello, Santiago, Chile</p> <p>Persistence of persistor cells as a possible resistance mechanism of <i>Clostridium difficile</i></p>	<p><b>Andrea Franzetti</b>, University of Milano - Bicocca, Milano Italy</p> <p>Ecological and applied aspects of plant-microbe interactions in urban areas</p>	<p><b>Luis Toldu M Figueiredo</b>, Chair Professor of the Virology Research Center, School of Medicine of the University of São Paulo in Ribeirão Preto, Brazil</p> <p>Hemolysis and other Emerging Zoonotic Viruses in Brazil</p>	<p><b>Marín Vordermeier</b>, Animal and Plant Health Agency, Department of Bacteriology, Weybridge, UK</p> <p>Development of blood and skin test based DNA tests for cattle to distinguish BCG vaccinated from infection cattle</p>																							
<p><b>Daniel Paredes Salda</b>, Microbiota Host Interactions and Clostridia Research Group, Universidad Andrés Bello, Santiago, Chile</p> <p>Mechanisms of <i>Clostridium difficile</i> spore persistence and its contribution to recurrent infections</p>	<p><b>Roberto Orellana</b>, Centro de Biotecnología Daniel Javaloy Lavelle, Universidad Técnica Federico Santa María, Valparaíso Chile</p> <p>Metagenomic insights into viral dark matter in aquatic ecosystems: from identification to ecological strategies</p>	<p><b>Adolfo García-Saiz</b>, Director, Global Health and Emerging Pathogens Institute, Icahn School of Medicine at Mount Sinai, New York, USA</p> <p>Innate immunity and ZIKV Virus Host Tropism</p>	<p><b>Patricia Retamal</b>, Facultad de Ciencias Veterinarias y Pecuarias, Universidad de Chile, Santiago, Chile</p> <p>Vaccine Testing with the BCG of <i>Mycobacterium bovis</i> for Bovine tuberculosis prevention in Chile</p>																							
<p><b>17.40 - 19.15</b></p> <p><b>Poster Session B / Coffee Break</b></p>				<p><b>Reunión Embajadores ASM</b> Coordinador(a): Dra. Claudia Saavedra y Dr. Andres Opatso</p>																						
<p><b>19.30 - 20.15</b></p> <p><b>Plenaria 6</b></p> <p><b>Iuli Larnendo, Ph.D.</b>, Associate Professor at the School of Biological Sciences at the Pontificia Universidad Católica de Chile, Director of Millennium Institute for Integrative Systems and Synthetic Biology and Howard Hughes del Medical Institute International Research Scholar</p> <p><i>"Synthetic Biology and Optogenetics in a Microbial System: Developing Biotechnological Solutions and Pushing the Boundaries between Science and Art"</i></p> <p>Presentado por Dr. Mario Tello</p>																										

XIV CONGRESO LATINOAMERICANO DE MICROBIOLOGÍA - XL CONGRESO CHILENO DE MICROBIOLOGÍA									
Santiago, Centro de Eventos y Conexiones Centroparque 13 al 16 de noviembre 2018									
Jueves 15 Nov									
Inscripciones / Colocar Poster									
Plenario 7 - Auspicada por ROCHEBIOCARE									
Gran Salon A		Gran Salon B		Gran Salon C		Pabellón Austral		Reuniones Satélites	
Aleks M. Kabejga, Ph.D. Full Professor at the Department of Molecular Genetics and Microbiology, School of Biological Sciences and the Department of Endocrinology, School of Medicine, at the Pontificia Universidad Católica de Chile. Director of the Millennium Nucleus and Institute on Immunology and Immunotherapy "Molecular interference with immunological and neurologic synapses on uric acid mechanisms of MSU. Implications for vaccine design" Presentado por Dra. Claudia Saavedra								SOMICH (Salón Araucaria)	
								ASOCHIN (Salón Canada)	
								SLAMTB (Salón Coque)	
Plenario 8									
Roberto Keller, Ph.D. Dept. of Microbiology and Immunology, Harvard Medical School, USA "One Traveler per el Mundo Microbiota" Presentado por Dr. Michael Seeger									
Coffee Break Auspicada por Tecnofarma									
Simposium 526		Simposium 526		Simposium 527		Simposium 525			
Gran Salon A		Gran Salon B		Gran Salon C		Pabellón Austral			
Evolution of Salmonella - Stanley Maly, San Diego State University - USA		Enteropathic Microbiology: Past and present of four model enteropathogens - Inés Quiroga y Diana Lavand, Fundación Cencos & Wala, Universidad de Santiago de Chile		Microbiología de la conservación y servicios ecosistémicos microbianos - Carlos Alvarez, Universidad de Antofagasta		Un simposio en honor a James F. Novick - Colaboración en microbiología en el Centro de las enfermedades infecciosas en La Jolla, California - Michael J. Lynch, Universidad de Calicut		Taller iWONETS-OPS (Coordinador) Dr. Marcelo Galis (OPS Washington) y Esqueal Tudari (Instituto Malbrán, Argentina) Taller iWONETS-OPS	
Lorelai Bassi, Institute for Integrative Biology of the Cell, CNRS, CNRS, Gif-sur-Yvette, France. Gene silencing pathways in horizontally acquired DNA in Salmonella		Gloria Levinón, Associate Professor, Facultad de Química y Biología, Universidad de Santiago de Chile. The Leptospira, physiology and stress response		Cristina Duran, Departamento de Biotecnología e Instituto Antofagasta, Universidad de Antofagasta, Chile. Diseños de preservación de hábitats microbianos del norte de Chile		Waldy Pereira Elze Junior, Laboratório de Bacteriologia, Instituto Butantan, São Paulo, Brazil. Secretion of virulence factors by bacterial microorganisms		Coordinador: Rogelio Hernández Pando	
11.15 - 12.45		11.15 - 12.45		11.15 - 12.45		11.15 - 12.45		11.15 - 12.45	
Linda Kinney, Professor of Microbiology at the University of Illinois-Chicago Regulation and evolution of Salmonella flagellar motor		María Vera Villal, Assistant Professor, Institute for Biological and Medical Engineering, School of Engineering, Biological Sciences and Medicine, Department of Hydraulic and Environmental Engineering, Pontificia Universidad Católica de Chile. Actin/ferrochelatase genome analysis, and interactions in multidrug-resistant bacteria		Dora Ugalde, UCLM Big Data microbiology and conservation		Fernando Navarro-García, Department of Cell Biology, Centro de Investigación y de Estudios Avanzados del IPN (CINVESTAV-IPN), Mexico City, Mexico. Studying and understanding the cellular microbiology of bacterial endospores		Clarita Aguilera, Mexico: Immunological and functional characterization of secreted Mycobacterium tuberculosis H37Rv expressed in Rhodococcus erythropolis	
Stanley Maly, Professor of Microbiology and Dean of the College of Sciences at San Diego State University, USA. Evolution of Salmonella: Adaptation to different environmental niches		Rosalva Quattrin, Fundación Cencos & Wala, Centro de Investigación Basal BPP-16, Subcentro Núcleo de la Biología de la Intestinal Microbiota, Facultad de Ciencias de la Vida, Universidad Andrés Bello, Santiago, Chile. The Acidithiobacillus genomes and evolution of the zoonosis		Pablo Henríquez, Professor, Institute for Biomedical and Environmental Health Research, University of the West of Scotland.		Marcelo J. Parfán, Departamento de Pediatría, Hospital Dr. Luis Calvo Mackenna, Facultad de Medicina, Universidad de Chile.		Isabella Mardonneau Paris, Francia: Mycobacterium tuberculosis promueve la replicación del HIV en los macrófagos	
Lunch Break									
Simposium 529		Simposium 530		Simposium 531		Simposium 532			
Gran Salon A		Gran Salon B		Gran Salon C		Pabellón Austral			
Bacterial pathogenesis: mechanisms involved in virulence, resistance and antibiotic - Societal Language de Microbiología - LUIS FERR				Systems and synthetic biotechnology of microbial factories - Ignacio Falcón, Centro Universidad Andrés Bello		Immune Cell Biology: Unveiling the dynamic nature of antigen presenting cells - ASOCHIN, Diana Pablo Vargas, Ph.D. Cover Institute, González Cerezo, Ph.D. CNIC, Faculty of Medicine, Universidad de Chile		Asamblea de socios SOMICH	
14.30 - 16.00		14.30 - 16.00		14.30 - 16.00		14.30 - 16.00		14.30 - 16.00	
Blanca García Venzal, Laboratorio de Patogénesis Bacteriana, Instituto de Biología Molecular y Celular de Rosario (IBRC-CONICET), Facultad de Ciencias Biológicas y Farmacia, Universidad Nacional de Rosario, Argentina. Survival strategies learned from an opportunistic pathogen		Gonzalo Duran Rodríguez, Departamento de Microbiología Macromolecular, Centro de Investigaciones Biológicas, CNIC de Madrid, España. Exploiting new regulatory systems to develop bacterial cell biosensors		Ignacio Pabón Castro, CNB, Biocytos Engineering Laboratory, Universidad Andrés Bello, Santiago, Chile. Revealing the metabolic network of Pseudomonas strains for the synthesis of antibiotic industrial compounds		Ignacio Colman, PhD, Assistant Investigator, Instituto de Microbiología y Embriología de Mendoza (IEM), Universidad Nacional de Cuyo, CONICET, Argentina. Dynamic interaction between the myobiotic and secretory pathways during antigen cross-presentation by dendritic cells		Fabiola Osorio, Ph.D. Assistant Professor, Immunology Program, CNIC, Faculty of Medicine, Universidad de Chile, Chile. "Regulation of pathogen immunity by the unfolded protein response sensor IRE1a"	
JA Chabalinsky, Depto de Desarrollo Biotecnológico, Instituto de Regeneración y Medicina, Universidad de la República, Montevideo, Uruguay. Spatiotemporal progression of pathogenesis and immunity		Pablo Ivan Nikul, Senior Researcher & Group Leader at The Novo Nordisk Foundation Center for Biosustainability, DTU Denmark. Design and implementation of orthogonal metabolism in environmental bacteria		Ignacio Pabón Castro, CNB, Biocytos Engineering Laboratory, Universidad Andrés Bello, Santiago, Chile. Revealing the metabolic network of Pseudomonas strains for the synthesis of antibiotic industrial compounds		María Isabel Yusoff, Ph.D. Assistant Professor, Pontificia Universidad Católica de Chile. "Shaping the Immune Synapse by Centrosome-Associated Protein: Impact on B Cell Response"		Asamblea de SLAMTB	
Francisco García del Partello, Centro Nacional de Biotecnología CNIC, Madrid, España. Role of peptidoglycan enzymes in Salmonella virulence									
Simposium 533									
Gran Salon A		Gran Salon B		Gran Salon C		Pabellón Austral		ASOCHIN: MHA Symposium - Tumor Immunology (Dial Communications)	
Diseño de experimentos basados en el estudio de la interacción patógeno hospedador - Carlos Sotomayor y Francisco Chaves, Universidad de Chile		Diseño de experimentos de inmunología microbiana - Nicole Trifunovic, Universidad de Maastricht		Molecular and cellular immunity during health and disease - Pablo Gonzalez, Pontificia Universidad Católica de Chile		Genómica y Biotecnología de Mycobacterias - ROSARIO - Francia and Perilla, Cologno, Colombia			
16.10 - 17.40		16.10 - 17.40		16.10 - 17.40		16.10 - 17.40		16.10 - 17.40	
Carlos Santiago, Departamento de Bioquímica y Biología Molecular, Facultad de Ciencias Químicas y Farmacia, Universidad de Chile. Molecular mechanisms involved in the intracellular survival of Salmonella enterica serovar Typhimurium in the social amoeba Dictyostelium discoideum		Oswaldo Ulloa, Departamento de Bioquímica, Universidad de Concepción. Meti-ome and the biogeochemical role of microorganisms in anoxic marine waters in the south-eastern Mediterranean		Angela Pearson, MSc, Institut Armand-Frappier, Laval, Québec, Canada. Inhibition of Hepatitis Simplex Virus 2 Replication by Optimum Binding Factor		Rogelio Hernández Pando, División de Investigaciones Médicas Nacionales de Ciencias Médicas y Nutrición, Salvador Calderón, México. miRNA transcription from the host and pathogen during early and advanced experimental pulmonary tuberculosis		Francisca Hoffman (F Salazar's group) "C4a3-mediated Gap Junctions Interact with Complement C3b to Promote Tumor Killing by CTL"	
Francisco Chaves, Departamento de Biología, Facultad de Ciencias, Universidad de Chile. "Zebrafish": host-pathogen-microbiome interaction studies in an obligate louse		Nicola Trifunovic, Universidad Mayor: Centro de Genómica y Biotecnología. Identified commensals from Antarctic coastal waters through the metagenomic glass dynamics and detection of plasmids in a threatened and changing environment.		Pablo González, Instituto Milenio en Immunología e Immunoterapia, Departamento de Genética Molecular, Pontificia Universidad Católica de Chile. Identification of an HSV-2 glycoprotein-mutant virus that evades dendritic cell-mediated FcγR activation and the establishment of chronic immunity in vivo.		María Jesús García, Departamento de Medicina Preventiva, Facultad de Medicina, Universidad Pablo de Olavide, Sevilla, Spain. How close is close? Comparison of genomes in the genus Mycobacterium		Liz Holman (M Lopez's group) "Modulation of the lymphocyte gene TRAF3IP1/3/7/8 by macrophage ultraviolet B light: Possible role of TRPV1 and TRPV4 channels"	
Andrés Calafra, Centro de Genómica y Biotecnología, Facultad de Ciencias, Universidad Mayor. Non-coding RNA mediated bacteria-amoeba cross-talk in immunological strategies of survival		Alejandro Muñoz, European Molecular Biology Laboratory (EMBL), Structural and Computational Biology Unit (Pisa/Bioinformatics)		Andrew Moulton, Professor, McGill University; Senior Investigator, Lady Davis Institute at the GRI, HEC & HPA, Yorkton, Saskatchewan, Montreal, Canada. HSV-2 regulates autoimmunity by controlling miR-155 and miR-146a expression/positioning		Luis Rodríguez, Corporación para Investigaciones Biológicas de la Universidad Pontificia Bolivariana, Medellín, Colombia. Whole genome sequencing and tuberculin in vitro test		Felipe Flores (F Osorio's group) "Regulation of the antibody immunity by the IRE1a/XBP1 axis in dendritic cells"	
								Pamela Contreras (R Pino-Lagos's group) "CD133+Foxp3+ T cells present in the tumor site have a CD45RO phenotype and are greatly expanded in a murine melanoma model"	
								Sofía Hidalgo (A Lladser's group) "Tumor-infiltrating CD8+ T lymphocytes displaying a resident memory phenotype in renal cell carcinoma patients"	
								Felipe Galvez-Jones (CH Ribicki's group) "A dual role for invariant Natural Killer T cells in immunity to gastric cancer"	
17.40 - 19.15									
Poster Session C/ Coffee Break									
Plenario 9 - SLAMTB									
19.30 - 20.15									
Dr. Guzman Luis, IMA3583 Institut de Pharmacologie et de Biologie Structurale (IBS), Toulouse, France What can we learn from ancient horizontal gene transfer in Mycobacterium tuberculosis									

Viernes 16 Nov

Plenaria 10 - ASOCHIN				Reuniones Satélites																				
Gran Salon A	Gran Salon B	Gran Salon C	Patio Austral	SOMICH (Salón Araucaria)	ASOCHIN (Salón Canelo)	SLAMTB (Salón Coigüe)																		
<p><b>9.00 - 9.45</b></p> <p>John A. Cidowski, Ph.D. Signal Transduction Laboratory / Molecular Endocrinology Group, NIEHS (National Institute of Environmental Health Sciences), NIH Intramural Research Program, NC, USA. Chief of the Signal Transduction Laboratory and head of the Molecular Endocrinology Group. (ASOCHIN)</p> <p><i>"Endogenous glucocorticoids suppress spontaneous gastric inflammation and spasmodic polypeptide expressing metaplasia in mice"</i></p>																								
<p><b>10.00 - 11.30</b></p> <table border="1"> <thead> <tr> <th>Simposium 537</th> <th>Simposium 538</th> <th>Simposium 540</th> <th>Simposium 539</th> </tr> <tr> <th>Gran Salon A</th> <th>Gran Salon B</th> <th>Gran Salon C</th> <th>Patio Austral</th> </tr> </thead> <tbody> <tr> <td> <p><b>Marine extremophilic microorganisms and Biogeochemical cycles</b> - Nicolai Guillou, Presidente ALAM</p> <p>Antonio Ventosa, Department of Microbiology and Parasitology, University of Sevilla, Spain.</p> <p><i>Phylogenetic and Metabolic Diversity of the Prokaryotic Community in Saline Soils versus Aquatic Hypersaline Habitats</i></p> </td> <td> <p><b>Virus DNA oncogénicos: Interacciones medioambientales y con el hospedero</b> - Francisca Aguayo González, Universidad de Chile</p> <p>Enrique Boccardo, Department of Microbiology, Institute of Biomedical Sciences, University of Sao Paulo, Brazil.</p> <p><i>Human polyomavirus and cancer: a Brazilian study</i></p> </td> <td> <p><b>De la epidemiología a la regulación genética en Escherichia coli diarrogénica y Vibrio cholerae</b> - José Luis Puente, Asociación Mexicana de Microbiología</p> <p>María Teresa Estrada, Departamento de Biomedicina Molecular, Centro de Investigación y Estudios Avanzados, Instituto Politécnico Nacional.</p> <p><i>Epidemiology, phylogeny and virulence genes of diarrhoeagenic Escherichia coli isolated from Mexican children</i></p> </td> <td> <p><b>Microbiota and Immune Response</b> - ASOCHIN - Chairs: Alejandro Escobar Ph.D., Instituto de Investigación en Ciencias Odontológicas (ICOD), Faculty of Dentistry, Universidad de Chile. Francisco Chavez Ph.D., Biology Department, Faculty of Sciences, Universidad de Chile</p> <p>Martin Gotteland, Ph.D., Full Professor, Faculty of Medicine, Universidad de Chile.</p> <p><i>Bacterial metabolites and gut inflammation</i></p> </td> </tr> <tr> <td> <p><b>Bernard Olivier</b>, Aix-Marseille Université, Université du Sud Toulon-Var, CNRS/INSU, IRD, Mediterranean, Institute of Oceanography (IMO), UM 110, 13288, Marseille, Cedex 09, France.</p> <p><i>Microbiology of oilfield ecosystems</i></p> </td> <td> <p><b>Lara Termini</b>, Instituto do Câncer do Estado de São Paulo, Centro de Investigaçao Translacional em Oncologia, Laboratorio de Oncologia Experimental, Sao Paulo, Brazil.</p> <p><i>Molecular biomarkers for cervical cancer</i></p> </td> <td> <p><b>Victor Antonio Garcia-Angulo</b>, Instituto de Ciencias Biomédicas, Facultad de Medicina, Universidad de Chile.</p> <p><i>Iron-riboflavin reciprocal genetic regulation in Vibrio cholerae</i></p> </td> <td> <p><b>Marcela Hermoso</b>, Ph.D., Full Professor, Immunology Program, ICBM, Faculty of Medicine, Universidad de Chile.</p> <p><i>Immune dysregulation of the gut and microbial handling</i></p> </td> </tr> <tr> <td> <p><b>Janja Ceh</b>, Laboratorio de Complejidad Microbiana y Ecología Funcional, Universidad de Antofagasta, Chile.</p> <p><i>Jellyfish life stages shape associated microbial communities, while a core microbiome is maintained across all</i></p> </td> <td> <p><b>Francisco Aguayo</b>, Departamento de Oncología Básica Clínica, Facultad de Medicina, Universidad de Chile.</p> <p><i>Interaction between viral infections and environmental factors in cancer</i></p> </td> <td> <p><b>José Luis Puente</b>, Departamento de Microbiología Molecular, Instituto de Biotecnología, Universidad Nacional Autónoma de México (IIBIM)</p> <p><i>The LEE pathogenicity island of enteropathogenic E. coli: a toolbox for virulence gene regulation</i></p> </td> <td> <p><b>Marcela Hernández Ríos</b>, DDr, MSc, Ph.D., Senior Investigator, Department of Oral Pathology and Medicine &amp; Laboratory of Periodontal Biology, Faculty of Dentistry, Universidad de Chile. 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Associate researcher, Faculty of Health Sciences, Universidad Autónoma de Chile.</p> <p><i>Crosstalk between local and systemic host's inflammatory response in endodontic infection</i></p>	<p><b>Simposio ISME-ALAM Coordinador(a): Dra. Cristina Drazdov</b></p> <p>Lise Øvreås, Noruega</p> <p><i>Cave Glacier Microbiome and its response to climate change and anthropogenic pollution</i></p> <p>Cristina Purcarea, Rumania</p> <p><i>Microbiome from Late Glacial perennial ice of Scairsøra ice cave</i></p> <p>María Eugenia Farias, Chile</p> <p><i>Microbial ecosystems in atacamita puna extreme environments: biofilms, microbial mats, microbubbles and endospores. Science as the basis for the preservation of the oldest environments on the planet</i></p> <p><b>ISME Ambassadors, ISME Latin-American Meeting: round table with ISME Ambassadors</b></p>
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<p><b>Marine extremophilic microorganisms and Biogeochemical cycles</b> - Nicolai Guillou, Presidente ALAM</p> <p>Antonio Ventosa, Department of Microbiology and Parasitology, University of Sevilla, Spain.</p> <p><i>Phylogenetic and Metabolic Diversity of the Prokaryotic Community in Saline Soils versus Aquatic Hypersaline Habitats</i></p>	<p><b>Virus DNA oncogénicos: Interacciones medioambientales y con el hospedero</b> - Francisca Aguayo González, Universidad de Chile</p> <p>Enrique Boccardo, Department of Microbiology, Institute of Biomedical Sciences, University of Sao Paulo, Brazil.</p> <p><i>Human polyomavirus and cancer: a Brazilian study</i></p>	<p><b>De la epidemiología a la regulación genética en Escherichia coli diarrogénica y Vibrio cholerae</b> - José Luis Puente, Asociación Mexicana de Microbiología</p> <p>María Teresa Estrada, Departamento de Biomedicina Molecular, Centro de Investigación y Estudios Avanzados, Instituto Politécnico Nacional.</p> <p><i>Epidemiology, phylogeny and virulence genes of diarrhoeagenic Escherichia coli isolated from Mexican children</i></p>	<p><b>Microbiota and Immune Response</b> - ASOCHIN - Chairs: Alejandro Escobar Ph.D., Instituto de Investigación en Ciencias Odontológicas (ICOD), Faculty of Dentistry, Universidad de Chile. Francisco Chavez Ph.D., Biology Department, Faculty of Sciences, Universidad de Chile</p> <p>Martin Gotteland, Ph.D., Full Professor, Faculty of Medicine, Universidad de Chile.</p> <p><i>Bacterial metabolites and gut inflammation</i></p>																					
<p><b>Bernard Olivier</b>, Aix-Marseille Université, Université du Sud Toulon-Var, CNRS/INSU, IRD, Mediterranean, Institute of Oceanography (IMO), UM 110, 13288, Marseille, Cedex 09, France.</p> <p><i>Microbiology of oilfield ecosystems</i></p>	<p><b>Lara Termini</b>, Instituto do Câncer do Estado de São Paulo, Centro de Investigaçao Translacional em Oncologia, Laboratorio de Oncologia Experimental, Sao Paulo, Brazil.</p> <p><i>Molecular biomarkers for cervical cancer</i></p>	<p><b>Victor Antonio Garcia-Angulo</b>, Instituto de Ciencias Biomédicas, Facultad de Medicina, Universidad de Chile.</p> <p><i>Iron-riboflavin reciprocal genetic regulation in Vibrio cholerae</i></p>	<p><b>Marcela Hermoso</b>, Ph.D., Full Professor, Immunology Program, ICBM, Faculty of Medicine, Universidad de Chile.</p> <p><i>Immune dysregulation of the gut and microbial handling</i></p>																					
<p><b>Janja Ceh</b>, Laboratorio de Complejidad Microbiana y Ecología Funcional, Universidad de Antofagasta, Chile.</p> <p><i>Jellyfish life stages shape associated microbial communities, while a core microbiome is maintained across all</i></p>	<p><b>Francisco Aguayo</b>, Departamento de Oncología Básica Clínica, Facultad de Medicina, Universidad de Chile.</p> <p><i>Interaction between viral infections and environmental factors in cancer</i></p>	<p><b>José Luis Puente</b>, Departamento de Microbiología Molecular, Instituto de Biotecnología, Universidad Nacional Autónoma de México (IIBIM)</p> <p><i>The LEE pathogenicity island of enteropathogenic E. coli: a toolbox for virulence gene regulation</i></p>	<p><b>Marcela Hernández Ríos</b>, DDr, MSc, Ph.D., Senior Investigator, Department of Oral Pathology and Medicine &amp; Laboratory of Periodontal Biology, Faculty of Dentistry, Universidad de Chile. Associate researcher, Faculty of Health Sciences, Universidad Autónoma de Chile.</p> <p><i>Crosstalk between local and systemic host's inflammatory response in endodontic infection</i></p>																					

**11.30 - 11.50**  Coffee Break						
**11.50 - 13.20**  Plenaria 11 - Clausura  Eugene Koonin, Ph.D. Senior Investigator at the National Center for Biotechnology Information (NCBI), USA  *"CRISPR-Cas systems: fascinating biology and limitless applications"*  Presentado por Dra. Raquel Quattrini  Francisco Mojica, Ph.D. University of Alicante, Spain.  *"The adaptation pathway of CRISPR-Cas"*  Presentado por Dra. Claudia Saavedra						
**13.20 - 14.00**  Ceremonia de Cierre (13.10 - 14.00)						
**20.00 - 02.00**  Dinner - Ritz Carlton Santiago						

11.50-12.30: ASAMBLEA SOCIOS ASOCHIN12.30