



Scientific Programme

Scientific Programme

Sunday 27th

Morning

	Room A	Room B	Room C
11:45 AM	Opening Bonaventura Clotet, IrsiCaixa AIDS Research Institute, Barcelona, Spain Francisco Guarner, Vall d'Hebron Research Institute, Barcelona, Spain and Angel Font, "La Caixa Foundation", Barcelona, Spain		
12:00 AM	Environmental and Maternal Factors in Shaping the Neonatal Microbiome Maria del Carmen Collado, Institute of Agrochemistry and Food technology (IATA-CSIC), Valencia, Spain		
12:30 PM	Human Milk and Infant Microbiome in Health and Disease Christopher James Stewart, Newcastle University, UK		
1:00 PM	Impact of Early-Life Microbiome Perturbations Gloria Domínguez-Bello, Rutgers School of Environmental and Biological Sciences, New Brunswick, USA		
1:30 PM	Oral Microbiome in Health and Disease Stanislav Dusko Ehrlich, Institut National de la Recherche Agronomique, Paris, France	Structural Variation in the Microbiome and Host Health Eran Segal, Weizmann Institute of Science, Rehovot, Israel	
2:00 PM	Human Skin Microbiome: Friend and Foe Julie A Segre, National Human Genome Research Institute, Bethesda, USA	Spatial Metabolomics Theodore Alexandrov, European Molecular Biology Laboratory, Heidelberg, Germany	
2:30 PM	The Role of Vagina Microbiota on Women's Sexual Health Jacques Ravel, University of Maryland School of Medicine, Baltimore, USA	System Ecology Paul Wilmes, University of Luxembourg	
3:00 PM	BREAK (15 min)		
3:15 PM			

Scientific Programme

Sunday 27th

Afternoon

	Room A	Room B	Room C
3:15 PM	<p>The Human Gut Microbiota in Quality of Life and Depression <i>Mireia Valles-Colomer, University of Trento, Italy</i></p>	<p>Mining and Profiling the Hidden Diversity of the Human Microbiome <i>Nicola Segata, Computational Metagenomics, Department CIBIO, Trento, Italy</i></p>	<p>The Impact of Probiotics in Shaping the Healthy Preterm Gut Microbiome <i>Lauren Beck, Newcastle University, Tyne and Wear, UK</i></p> <p>Human Milk Oligosaccharide DSLNT and Gut Microbiome in Preterm Infants Predicts Necrotising Enterocolitis - <i>Andrea C Masi, Newcastle University, UK</i></p>
3:45 PM	<p>Investigation of the Gut Microbiome in Patients with Mental Health Disorders <i>Premysl Bercik, McMaster University, Hamilton, Canada</i></p>	<p>Compositional Frameworks for Microbiome Research <i>James T Morton, Center for Computational Biology, Flatiron Institute, Simons Foundation, New York, USA</i></p>	<p>The Gut Microbiota and Urinary Microbial Metabolites Predict Child Growth Recovery Following Severe Acute Malnutrition - <i>Ruairi Robertson, Queen Mary University of London, UK</i></p> <p>Metagenomic Analysis Reveals Associations Between Salivary Microbiota and Body Composition in Early Childhood - <i>Modupe Coker, Rutgers School of Dental Medicine, New Jersey, USA</i></p>
4:15 PM	<p>Psychobiotics <i>John Cryan, University College Cork, Ireland</i></p>	<p>Uncovered Needs in Microbiome Data Analysis <i>Curtis Huttenhower, Harvard T.H. Chan School of Public Health, Boston, USA</i></p>	<p>The Infant Gut Microbiome and Vaccine Response: Results from the New Hampshire Birth Cohort Study - <i>Presenting: Yuka Moroishi, Dartmouth College, USA</i> <i>Live Q&A: Margaret R. Karagas, Geisel School of Medicine, Dartmouth College, New York, USA</i></p> <p>Impact of Maternal Intrapartum Antibiotics, Birth Mode and Breastfeeding Status on Levels of Bifidobacterium in Infant Gut Microbiota - <i>Yuan Yao Chen, University of Alberta, Canada</i></p>
4:45 PM	<p>Understanding the Links Between Nutrition, Health and the Microbiome Using Big Data <i>Tim Spector, King's College London, UK</i></p>	<p>The PFNA Operon of Bifidobacteria and its Role in Adaptation to the Host <i>Roman Yunes, The Vavilov Institute of General Genetics, Russia</i></p> <p>Holdemanelle sp. improves GLP-1 Signalling To Regulate Glucose Homeostasis In Obese Mice - <i>Clara Bullich, Institute of Agrochemistry and Food technology (IATA-CSIC), Valencia, Spain</i></p>	<p>Antibiotic Resistance Genes in the Gut Microbiota of Healthy Volunteers From a Rural Riverine Brazilian Population - <i>Christian Hoffmann, University of São Paulo, Brasil</i></p> <p>Effects of Lactobacillus Reuteri Supplementation on the Gut Microbiota in Extremely Preterm Infants in a Randomised Placebo-Controlled Trial - <i>Magali Martí, Linköping University, Östergötland, Sweden</i></p>
5:15 PM	<p>Lessons from the Earth Microbiome Project, American Gut and Microsetta <i>Rob Knight, University of California, San Diego, USA</i></p>	<p>Evidence Of A Close Relationship Between COVID-19 And Human Gut Microbiome Bacteria - <i>Mauro Petrillo, European Commission Joint Research Centre, Ispra, Italy</i></p> <p>Are FMTs The Magic Bullet To Unlock CIT Response? <i>Allyson Byrd, Genentech Inc., California, USA</i></p>	<p>Mimicking Microbiome Driven Intestinal Drug Metabolism and Toxicity - <i>Frank Schuren, TNO innovation for life, The Netherlands</i></p> <p>The Gut Microbiome is Associated With the Plasma Metabolome in a Study of 8,406 Participants of the Swedish Cardiopulmonary Bioimage Study (SCAPIS) - <i>Koen F Dekkers, Uppsala University, Uppland, Sweden</i></p>
5:45 PM	<p>Unlocking the Secret Genes and Genomes From the Human Microbiome <i>Ami Bhatt, Stanford Medical School, USA</i></p>	<p>Bugs and Drugs: Using the Microbiome and Metabolome to Predict Addiction Liability - <i>Sierra Simpson, UCSD, California, USA</i></p> <p>Novel Yada Family Protein Produced By Veillonella Parvula Induces Upregulation Of Interferon Gamma Production By The Human Immune System - <i>Jin Komerska, The Jackson Laboratory, Connecticut, USA</i></p>	<p>Microbes From Non-Human Primates Exposed to Maternal High Fat Diet Alter Serotonin In Vitro - <i>Erin Bolte, Baylor College of Medicine, Texas, USA</i></p> <p>Study of Airway Microbiota and Respiratory Health in the Northern Indigenous Communities - <i>Mathilde Flahaut, Université Laval, Quebec, Canada</i></p>
6:15 PM	<p>Gaudí Route Discover Barcelona designed by Antoni Gaudí.</p>		
6:45 PM			
7:15 PM			

Scientific Programme

Monday 28th

Morning

	Room A	Room B	Room C
12:00 AM	<p>Exploring Drug-Microbiota Interactions in the Era of Metagenomics <i>Arnau Vich Vila, University Medical Centre of Groningen, The Netherlands</i></p>	<p>Identification of Unique Bile Acid-Metabolizing Bacteria from the Microbiome of Centenarians - Yuko Sato, Keio University School of Medicine, Tokyo, Japan</p> <p>High Amylose Wheat-Based Food Products Affect Fermentation Outcomes and Microbial Community During In Vitro Fermentation with Human Faecal Inoculum - Alexander Bui, The University of Queensland - QAAFI, Australia</p>	<p>Pathofact: Predicting Virulence Factors and Antimicrobial Resistance in Human Case-Control Studies - Laura de Nies, University of Luxembourg</p> <p>Absence of Enterotypes in the Human Gut Microbiomes Reanalyzed with Non-Linear Dimensionality Reduction Methods - Ivan Bulygin, Skolkovo Institute of Science and Technology, Moscow, Russia</p>
12:30 PM	<p>The Impact of Drugs on Human Gut Microbial Communities <i>Peer Bork, European Molecular Biology Laboratory, Heidelberg, Germany</i></p>	<p>Multi-Omics Phenotyping of the Gut Microbiota Reveals Perturbations Associated with Glyphosate Herbicide Exposure in Rats and Humans - Robin Mesnage, King's College London, UK</p> <p>The Infant Gut Microbiota and Food Allergen Sensitization - Pernille Neve Myers, Technical University of Denmark</p>	<p>Developing Global Standards for the Microbiome Field - Chrysi Sergaki, National Institute for Biological Standards and Control, Hertfordshire, UK</p> <p>Towards Long-Read Metagenomics-Based End-To-End Classification - Maxence Queyrel, Sorbonne Université, Paris, France</p>
1:00 PM	<p>The Ecological Effects of Antibiotic Overuse <i>Martin Blaser, Center for Advanced Biotechnology and Medicine, Rutgers University, Piscataway, USA</i></p>	<p>The Gut Microbiota and Mental Health Outcomes in a Posttraumatic Stress Disorder Cohort - Stefanie Malan-Muller, Stellenbosch University, Cape Town, South Africa</p> <p>The Vaginal Microbiome and Metabolome in Spontaneous Preterm Birth - Federico Baldini, Columbia University Irving Medical Center, New York, USA</p>	<p>An Integrated Workflow for Personalised Modelling of Host-Microbiome Interactions - Almut Heinken, School of Medicine, National University of Galway, Ireland</p> <p>Links Between Gut Microbiome Composition and Fatty Liver Disease in a Large Population Sample - Matti Ruuskanen, University of Turku, Finland</p>
1:30 PM	<p>Diet and Microbiome Health in the Elderly <i>Paul O'Toole, University College Cork, Ireland</i></p>	<p>The Role Of Gut Commensal Protists In Immune-Mediated Food Sensitivities <i>Reinhard Hinterleitner, University of Pittsburgh School of Medicine, USA</i></p>	<p>Identification of Gut Microbial Species Associated with Multiple Sclerosis Progression - Daiki Takewaki, National Center of Neurology and Psychiatry, Tokyo, Japan</p> <p>Cigarette Smoking Facilitates Colonization of Oral Bacteria in the Colonic Mucosa and Modulates Immune Responses in Patients with Inflammatory Bowel Disease - Eiji Miyauchi, RIKEN Center for Integrative Medical Sciences, Kanagawa, Japan</p>
2:00 PM	<p>Gut Microbiota Variation Associated with Lifest <i>Alexandra Zhernakova, University Medical Center Groningen, The Netherlands</i></p>	<p>Deciphering Human Antibody Repertoires Against The Microbiome In Health And Disease <i>Eran Segal, Weizmann Institute of Science, Rehovot, Israel</i></p>	<p>Specific Gut Microbiota Species are Associated with Subclinical Coronary Atherosclerosis Across 8,271 Individuals from the Swedish CardioPulmonary BioImage Study (SCAPIS) Population-based Cohort - Sergi Sayols-Baixeras, Uppsala University, Uppland, Sweden</p> <p>Metagenome-based Signature Associated with NAFLD Stage of Progression - Rafael Patiño-Navarrete, Sorbonne Université, Paris, France</p>
2:30 PM	<p>Microbial Guild Promotion by Dietary Intervention <i>Liping Zhao, School of Life Sciences and Biotechnology, Shanghai Jiao Tong University, China - Institute for Food, Nutrition and Health, Rutgers University</i></p>	<p>IBD Dysbiosis, Gut Bioactives, And The Suppression Of IL-23 Driven Inflammation <i>Jakob Begun, The University of Queensland, Brisbane, Australia</i></p> <p>The 2021 GGGH Call: Why The Paediatric Microbiome? <i>Paul O'Toole, University College Cork, Ireland</i></p>	<p>Connecting Archaea to Parkinson's Disease Pathogenesis - Velma Aho, University of Luxembourg</p> <p>Cholesterol Metabolism by Uncultured Human Gut Bacteria Influences Host Cholesterol Level - Damian Plichta, Broad Institute of MIT and Harvard, Massachusetts, USA</p>
3:00 PM	BREAK (15 min)		
3:15 PM			

CEST (Central European Summer Time)

Scientific Programme

Monday 28th

Afternoon

	Room A	Room B	Room C
3:15 PM	<p>Sponsored by Canadian Institute Health Research (CIHR)</p> <p>IMPACTT: A pan-Canadian Microbiome Research Core <i>Kathy McCoy, University of Calgary, Canada</i></p> <p>Gene – microbe interactions regulate beta cell autoimmunity and type 1 diabetes <i>Jayne Danska, Hospital for Sick Children Research Institute, University of Toronto, Canada</i></p> <p>Dissecting Host-Microbiome Modifiers Of Type 2 Diabetes Risk <i>André Marette, Laval University, Quebec, Canada</i></p> <p>The Microbiome of Premature Infants <i>Marie-Claire Arrieta, University of Calgary, Alberta, Canada</i></p>	<p>Sponsored by AB-Biotics</p> <p>Probiotics in COVID-19 Patients: Additional Analyses from a Randomised Controlled Trial in 300 Patients <i>Jordi Espadaler, AB-Biotics, Barcelona, Spain</i></p>	<p>MMHP - Creating an Atlas of the Human Microbiome - <i>Lars Engstrand, Karolinska Institute, Stockholm, Sweden</i></p> <p>MMHP Data Coordination Centre - <i>Johan Rung, SciLifeLab Data Center, Uppsala, Sweden and Peter Longreen, Computerome, Danish Technical University, Lyngby, Denmark</i></p>
3:45 PM	<p>Causal Roles of the Gut Microbiome in Childhood Asthma: Leveraging the CHILd Cohort Study <i>Meghan Azad, University of Manitoba, Winnipeg, Canada</i></p> <p>Role of Microbes in the Pathogenesis of PIBD: From Discovery, Through Causation, to Novel Treatments <i>Eytan Wine, University of Alberta, Canada</i></p> <p>The Vaginal Microbiome in Cervical Cancer and Mucosal Immunity <i>Adam Burgener, Case Western Reserve University, Cleveland, USA</i></p> <p>Pathogen-Microbiome Dynamics During Pregnancy in Young Mothers <i>John Parkinson, Hospital for Sick Children, Toronto, Canada</i></p>	<p>Stimulation of Human Butyrate Producing Bacteria <i>Karen Scott, The Rowett Institute, University of Aberdeen, UK</i></p>	<p>The Danish POPGUT project - Prospective Investigation of Diet x Gut Microbiota Interactions in Health and Disease - <i>Karsten Kristiansen, Laboratory of Genomics and Molecular Biomedicine, University of Copenhagen, Denmark</i></p> <p>The French Gut: 100K French Microbiomes in Health and Disease - <i>Martineu Almeida, Université Paris - Saclay, INRAE, MetaGenoPolis, Jouy-en-Josas, France</i></p> <p>Microbiome Research in Latvia Within the MMHP - <i>Marcis Leja, Institute of Clinical and Preventive Medicine, University of Latvia</i></p> <p>Microbiota Maturation Throughout Infancy and Childhood - <i>John Penders, Maastricht UMC+, The Netherlands</i></p> <p>Diet Intervention and Gut Microbiome - <i>Ruxin Liu, Ruijin Hospital, Shanghai - Jiao Tong University School of Medicine, China</i></p> <p>Metagenome Insights From the Finnish Health and Early Life Microbiota (HELM) Birth Cohort - <i>Anne Salonen, University of Helsinki, Finland</i></p>
4:15 PM	<p>Panel discussion</p>	<p>Probiotic Therapy for Oral Health <i>Alex Mira, Center for Advanced Research in Public Health, FISABIO Foundation, Valencia, Spain</i></p>	<p>Panel discussion</p>
4:45 PM	<p>Prospective Studies to Mechanistically Link Gut Microbiome Composition and Function to Disease Pathogenesis <i>Alessio Fasano, Massachusetts General Hospital - Harvard Medical School, Boston, USA</i></p>	<p>Sponsored by Microviable Therapeutics</p> <p>Purified Microbiota and LPBs Towards the Therapeutic Applications <i>Claudio Hidalgo, Microviable Therapeutics, Gijón, Spain</i></p>	<p>Sponsored by "la Caixa" Foundation</p> <p>How the Microbiome, Metabolism, and Neuronal Circuits Shape Nutrient Appetites - <i>Carlos Ribeiro, Champalimaud Research Centre, Lisboa, Portugal</i></p>
5:15 PM	<p>Microbial Involvement in the Breakdown of Oral Tolerance to Gluten <i>Elena Verdú, McMaster University, Hamilton, Canada</i></p>	<p>Sponsored by Clinical Microbiomics</p> <p>Cohort Service, UHR Profiling and Microbiome Research <i>Henrik Bjørn Nielsen, Clinical Microbiomics, Copenhagen, Denmark</i></p>	<p>SUCCINATE: A Microbiota-Derived Metabolite With Promising Therapeutic Potential For Metabolic Diseases - <i>Sonia Fernandez Veledo, Pere Virgili Institute - CIBERDEM - Rovira i Virgili University, Tarragona, Spain</i></p>
5:45 PM	<p>How Do We Apply Novel Knowledge to Better Treat Coeliac Disease <i>Peter Green, College of Physicians & Surgeons Columbia University, New York, USA</i></p>	<p>Quantitative Microbiome Profiling in Health and Disease <i>Jeroen Raes, Vlaams Instituut voor Biotechnologie, Center for the Biology of Disease, Louvain, Belgium</i></p>	<p>Gut Microbiome Signatures Linked to HIV-1 Reservoir Size and Viremia Control - <i>Alessandra Borgognone, IrsiCaixa AIDS Research Institute, Barcelona, Spain</i></p> <p>The Importance Of The Microbiome During Pregnancy <i>Francesca Crovetto, Hospital Sant Joan de Déu, Hospital Clínic, Barcelona, Spain</i></p>
6:15 PM	<p>Sponsored by Danone Nutricia Research</p> <p>Characteristics Of Gut Microbiome Of Mountain People In Northern Laos - <i>Hiroaki Masuoka, RIKEN Center for Integrative Medical Sciences, Kanagawa, Japan</i></p> <p>Associations Of The Gut Metagenome With Extensive Register-Based Clinical Parameters And Lifestyle Factors In The Population-Based Estonian Microbiome Cohort - <i>Elin Org, University of Tartu, Estonia</i></p>	<p>Revealing the Hidden Biodiversity of the Human Gut Microbiota <i>Mani Arumugam, Novo Nordisk Foundation Center for Basic Metabolic Research, University of Copenhagen, Denmark</i></p>	
6:45 PM	<p>Taxonomic Signatures of Long-Term Mortality Risk in Human Gut Microbiome - <i>Leo Lahti, University of Turku, Finland</i></p> <p>Assembly, Structure, And Dynamics Of The Infant Gut Microbiota - <i>Gianluca Galazzo, Maastricht University, The Netherlands</i></p> <p>Panel discussion and live voting</p>		
7:15 PM	<p>Gastronomic Route Enjoy and experience the taste of Barcelona</p>		
7:45 PM			
8:15 PM			

Scientific Programme

Tuesday 29th

Morning


	Room A	Room B	Room C
12:00 AM	<p>Dysbiosis in IBD Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines. <i>Mark Morrison, The University of Queensland Diamantina Institute, Brisbane, Australia</i></p>	<p>Gut Microbiome in Chronic Liver Disease Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines. <i>Lanjuan Li, Zhejuang University, Hangzhou, China</i></p>	<p>Large-Scale Metabolic Reconstruction of the Human Microbiome Accounting for Strain-Specific Drug Metabolism <i>Almut Heinken, National University of Ireland</i></p> <p>Extended Taxonomic Profiling of Diverse Environments with mOTUs 2.6 - <i>Hans-Joachim Ruscheweyh, ETH Zurich, Switzerland</i></p>
12:30 PM	<p>Gut Microbiome Recovery in UC Patients on Long Term Remission Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines. <i>Claudia Herrera, Hospital Universitari Vall d'Hebron, Barcelona, Spain</i></p>	<p>Gut Microbiome and End-Stage Liver Disease Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines. <i>Jonel Trebicka, Goethe University Frankfurt. European Foundation for the Study of Chronic Liver Failure, Spain</i></p>	<p>Biobakery 3: Improved and Integrated Tools for META'OMIC Analysis Exploiting Uncharacterized Microbial Genomes - <i>Francesco Asnicar, University of Trento, Italy</i></p> <p>A Protocol for the In Vitro Study of Food/Biocompound Modulatory Effects on Human Microbiome and Metabolome Through Dynamic Gastrointestinal/Colonic Fermentation - <i>Carles Roses, Universitat Autònoma de Barcelona, Spain</i></p>
1:00 PM	<p>Gut Microbiome in IBD: from Description to Intervention Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines. <i>Harry Sokol, Sorbonne University, APHP, INSERM, INRAE, Paris, France</i></p>	<p>The Gut Microbiota in Solid Organ Transplant Patients Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines. <i>Rinse K Weersma, University Medical Center Groningen, The Netherlands</i></p>	<p>Microbiome Meta-Analysis and Cross-Disease Comparison Enabled by the SIAMCAT Machine Learning Toolbox - <i>Jakob Wirbel, The European Molecular Biology Laboratory, Heidelberg, Germany</i></p> <p>A Predictive Index for Health Status Using Species-Level Gut Microbiome Profiling - <i>Jaeyun Sung, Mayo Clinic, Minnesota, USA</i></p>
1:30 PM	<p>Which T Cell Immune Responses Against SARS-CoV2 Are Clinically Relevant? Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines. <i>Laurence Zitvogel, Institut Gustav Roussy, Paris, France</i></p>	<p>Sponsored by Danone Nutricia Research</p> <p>From Probiotics to Precision Probiotics <i>Patrick Veiga, Danone Nutricia Research, Paris, France</i></p>	<p>The Intestinal Mycobiome in Premature Born Infants - <i>Michaela Herz, University of Wuerzburg, Bavaria, Germany</i></p> <p>Exploring Host-Microbiota Co-Metabolism - Unique Chemical Biology Tools for Advanced Metabolomics Analysis - <i>Daniel Globisch, Uppsala University, Uppland, Sweden</i></p>
2:00 PM	<p>Microbiome-based Stratification for HIV Risk of Acquisition and Disease Progression Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines. <i>Roger Paredes, IrsiCaixa AIDS Research Institute, Barcelona, Spain</i></p>	<p>Sponsored by Vedanta Biosciences</p> <p>Defined Bacterial Consortia for Medical Uses <i>Bernat Ollé, Vedanta Biosciences, Boston, USA</i></p>	<p>Dissecting the Collateral Damage of Antibiotics on Gut Microbes - <i>Camille Goemans, The European Molecular Biology Laboratory, Heidelberg, Germany</i></p> <p>Potential pathogenic role for respiratory symbionts in the development of self-reactive Th17 cells - <i>Jenny Mannion, Trinity College Dublin, Ireland</i></p>
2:30 PM	<p>Sponsored by Merck</p> <p>Gut Microbes Modulate Host Response to Vaccines Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines. <i>Daria Hazuda, Merck, West Point, USA</i></p>	<p>Sponsored by Nexbiome Therapeutics</p> <p>Nexbiome Therapeutics: How to Identify the Best Research Projects and Turn Them Into Biotech Companies? <i>Stanislas Desjonquères, Nexbiome Therapeutics, Clermont-Ferrand, France</i></p>	<p>Reconstruction of Ancient Microbial Genomes from the Human Gut - <i>Marsha Wibowo, Joslin Diabetes Center - Harvard Medical School, Massachusetts, USA</i></p> <p>Deletion Of Npas2 Expression During Fetal and Neonatal Liver Development Differentially Disrupts the Circadian Rhythm of the Gut Microbiome and its Metabolic Function - <i>Derek O'Neil, Baylor College of Medicine, Texas, USA</i></p>
3:00 PM	BREAK (15 min)		
3:15 PM			

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Scientific Programme

Tuesday 29th

Afternoon

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3:15 PM	<p>Sponsored by Phase Genomics</p> <p>Exploring the Resistome and Virome Ivan Liachko, Phase Genomics, Seattle, USA</p>	<p>Shared Signatures and Divergence in Skin Microbiomes of Children with Atopic Dermatitis and Their Adult Caregivers - Minghao Chia, Genome Institute of Singapore</p> <p>Microbiota in Allogeneic Stem Cell Transplantation and Prediction of Acute Graft-Versus-Host-Disease - Anna Căcilia Ingham, Statens Serum Institute, Copenhagen, Denmark</p>	<p>Sponsored by DNA-Genetek</p> <p>Expanding Gut Microbiome Insights: Transcriptomics and Metabolomics Brice LeFrancois, DNA-Genetek, Ottawa, Canada Olle De Bruin, DNA-Genetek, Ottawa, Canada and Senthil Murugapiran, Diversigen, Minneapolis, USA</p>
3:45 PM	<p>Fusobacterium Nucleatum and Colorectal Cancer Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines Paolo Nuciforo, Vall d'Hebron Institut d'Oncologia, Barcelona, Spain</p>	<p>Functional Characterisation of Fusobacterium in Colorectal Cancer Patients and its Associations with Alterations of Host DNA Damage Pathways - Radhika Kataria, King's College London, UK</p> <p>Bronchoalveolar Lavage Fluid Metatranscriptomes Analysis Amongst Patients with COVID-19 Michael Jochum, Baylor College of Medicine and Texas Children's Hospital, USA</p>	<p>Optimized Skin Collection, Extraction and Sequencing Pipeline Brice LeFrancois, DNA-Genetek, Ottawa, Canada</p>
4:15 PM	<p>Sponsored by Rebiotix</p> <p>Measuring Antibiotic-Induced Dysbiosis and Restoration using a Novel Microbiome Health Index™ Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines - Ken Blount, Rebiotix VP Microbiome Research, Ferring</p>	<p>The Human Oral Microbiome and Risk Of Lung Cancer: an Analysis of Three Prospective Cohort Studies - Emily Vogtmann, National Cancer Institute, Maryland, USA</p> <p>Biological Signature of an Immunomodulatory Probiotic Intervention for US Veterans with Mild TBI and PTSD - Lisa Brenner, Department of Veterans Affairs, Colorado, USA</p>	<p>DivDB-Mouse: The Development Of A Mouse-Specific Metagenomic Database Eric Smith, Diversigen, Minneapolis, USA</p>
4:45 PM	<p>Opportunities and Perspectives on Human Microbiome Research Gary D Wu, Penn Center for Nutritional Science and Medicine, Philadelphia, USA</p>		
5:15 PM	<p>Funding Policies to Shape Our Future With Scientific Breakthrough Dirk Hadrich, European Commission, Health Research, Brussels, Belgium Geneviève Boily-Larouche, Canadian Institutes of Health Research, Ottawa, Canada Katsuhiko Mizuguchi, Japan Agency for Medical Research and Development, Tokyo, Japan and Roberto Flores, Office of Nutrition Research, NIH, Bethesda, USA*</p>		
5:45 PM			
6:15 PM	<p>The Global Grants for Gut Health Best Paper Award </p> <p>Conference Close</p>		
6:45 PM			

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12:00 AM	Environmental and Maternal Factors in Shaping the Neonatal Microbiome Maria del Carmen Collado, Institute of Agrochemistry and Food technology (IATA-CSIC), Valencia, Spain			Exploring Drug-Microbiota Interactions in the Era of Metagenomics Arnau Vich Vila, University Medical Centre of Groningen, The Netherlands			Identification of Unique Bile Acid-Metabolizing Bacteria from the Microbiome of Centenarians - Yuko Sato, Keio University School of Medicine, Tokyo, Japan		High Amylose Wheat-Based Food Products Affect Fermentation Outcomes and Microbial Community During In Vitro Fermentation with Human Faecal Inoculum - Alexander Bul, The University of Queensland - QAAFI, Australia		Pathofact: Predicting Virulence Factors and Antimicrobial Resistance in Human Case-Control Studies - Laura de Nies, University of Luxembourg		Absence of Enterotypes in the Human Gut Microbiomes Reanalyzed with Non-Linear Dimensionality Reduction Methods - Ivan Bulygin, Skolkovo Institute of Science and Technology, Moscow, Russia		Dysbiosis in IBD Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines. Mark Morrison, The University of Queensland Diamantina Institute, Brisbane, Australia		Gut Microbiome in Chronic Liver Disease Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines. Lanjuan Li, Zhejiang University, Hangzhou, China		Large-Scale Metabolic Reconstruction of the Human Microbiome Accounting for Strain-Specific Drug Metabolism Almut Heinken, National University of Ireland		Extended Taxonomic Profiling of Diverse Environments with mOTUs 2.6 - Hans-Joachim Ruscheweyh, ETH Zurich, Switzerland			
12:30 PM	Human Milk and Infant Microbiome in Health and Disease Christopher James Stewart, Newcastle University, UK			The Impact of Drugs on Human Gut Microbial Communities Peer Bork, European Molecular Biology Laboratory, Heidelberg, Germany			Multi-Omics Phenotyping of the Gut Microbiota Reveals Perturbations Associated with Glyphosate Herbicide Exposure in Rats and Humans - Robin Meanage, King's College London, UK		The Infant Gut Microbiota and Food Allergen Sensitization - Pernille Neve Myers, Technical University of Denmark		Developing Global Standards for the Microbiome Field - Chrysi Sergaki, National Institute for Biological Standards and Control, Hertfordshire, UK		Towards Long-Read Metagenomics-Based End-To-End Classification - Maxence Queyrel, Sorbonne Université, Paris, France		Gut Microbiome Recovery in UC Patients on Long Term Remission Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines. Claudia Herrera, Hospital Universitari Vall d'Hebron, Barcelona, Spain		Gut Microbiome and End-Stage Liver Disease Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines. Jonel Trebicka, Goethe University Frankfurt. European Foundation for the Study of Chronic Liver Failure, Spain		Biobakery 3: Improved and Integrated Tools for METAOMIC Analysis Exploiting Uncharacterized Microbial Genomes - Francesco Asnicar, University of Trento, Italy		A Protocol for the In Vitro Study of Food/Biocompound Modulatory Effects on Human Microbiome and Metabolome Through Dynamic Gastrointestinal/Colonic Fermentation - Carlos Roses, Universitat Autònoma de Barcelona, Spain			
1:00 PM	Impact of Early-Life Microbiome Perturbations Gloria Domínguez-Bello, Rutgers School of Environmental and Biological Sciences, New Brunswick, USA			The Ecological Effects of Antibiotic Overuse Martin Blaser, Center for Advanced Biotechnology and Medicine, Rutgers University, Piscataway, USA			The Gut Microbiota and Mental Health Outcomes in a Posttraumatic Stress Disorder Cohort - Stefanie Malan-Muller, Stellenbosch University, Cape Town, South Africa		The Vaginal Microbiome and Metabolism in Spontaneous Preterm Birth - Federico Baldini, Columbia University Irving Medical Center, New York, USA		An Integrated Workflow for Personalised Modelling of Host-Microbiome Interactions - Almut Heinken, School of Medicine, National University of Galway, Ireland		Links Between Gut Microbiome Composition and Fatty Liver Disease in a Large Population Sample - Matti Ruuskanen, University of Turku, Finland		Gut Microbiome in IBD: from Description to Intervention Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines. Harry Sokol, Sorbonne University, APHP, INSERM, INRAe, Paris, France		The Gut Microbiota in Solid Organ Transplant Patients Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines. Rinse K Weersma, University Medical Center Groningen, The Netherlands		Microbiome Meta-Analysis and Cross-Disease Comparison Enabled by the SIAMCAT Machine Learning Toolbox - Jakob Wirbel, The European Molecular Biology Laboratory, Heidelberg, Germany		A Predictive Index for Health Status Using Species-Level Gut Microbiome Profiling - Jaeyun Sung, Mayo Clinic, Minnesota, USA			
1:30 PM	Oral Microbiome in Health and Disease Stanislav Dusko Ehrlich, Institut National de la Recherche Agronomique, Paris, France			Structural Variation in the Microbiome and Host Health Eran Segal, Weizmann Institute of Science, Rehovot, Israel			Diet and Microbiome Health in the Elderly Paul O'Toole, University College Cork, Ireland			The Role Of Gut Commensal Protists In Immune-Mediated Food Sensitivities Reinhard Hinterleitner, University of Pittsburgh School of Medicine, USA			Identification of Gut Microbial Species Associated with Multiple Sclerosis Progression - Daiki Takewaki, National Center of Neurology and Psychiatry, Tokyo, Japan		Cigarette Smoking Facilitates Colonization of Oral Bacteria in the Colonic Mucosa and Modulates Immune Responses in Patients with Inflammatory Bowel Disease - Eiji Miyauchi, RIKEN Center for Integrative Medical Sciences, Kanagawa, Japan		Which T Cell Immune Responses Against SARS-CoV2 Are Clinically Relevant? Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines. Laurence Zitvogel, Institut Gustav Roussy, Paris, France		Sponsored by Danone Nutricia Research		The Intestinal Mycobiome in Premature Born Infants - Michaela Herz, University of Wuerzburg, Bavaria, Germany		Exploring Host-Microbiota Co-Metabolism - Unique Chemical Biology Tools for Advanced Metabolomics Analysis - Daniel Globisch, Uppsala University, Upland, Sweden	
2:00 PM	Human Skin Microbiome: Friend and Foe Julie A Segre, National Human Genome Research Institute, Bethesda, USA			Spatial Metabolomics Theodore Alexandrov, European Molecular Biology Laboratory, Heidelberg, Germany			Gut Microbiota Variation Associated with Lifespan Alexandra Zernakova, University Medical Center Groningen, The Netherlands			Deciphering Human Antibody Repertoires Against The Microbiome In Health And Disease Eran Segal, Weizmann Institute of Science, Rehovot, Israel			Specific Gut Microbiota Species are Associated with Subclinical Coronary Atherosclerosis Across 8,271 Individuals from the Swedish CardioPulmonary Biomage Study (SCAPIS) Population-based Cohort - Sergi Sayols-Baixeras, Uppsala University, Upland, Sweden		Metagenome-based Signature Associated with NAFLD Stage of Progression - Rafael Patiño-Navarrete, Sorbonne Université, Paris, France		Microbiome-based Stratification for HIV Risk of Acquisition and Disease Progression Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines. Roger Paredes, IrsiCaixa AIDS Research Institute, Barcelona, Spain		Sponsored by Vedanta Biosciences		Dissecting the Collateral Damage of Antibiotics on Gut Microbes - Camille Goemans, The European Molecular Biology Laboratory, Heidelberg, Germany		Potential pathogenic role for respiratory symbionts in the development of self-reactive Th17 cells - Jenny Mannion, Trinity College Dublin, Ireland	
2:30 PM	The Role of Vagina Microbiota on Women's Sexual Health Jacques Ravel, University of Maryland School of Medicine, Baltimore, USA			System Ecology Paul Wilmes, University of Luxembourg			IBD Dysbiosis, Gut Bioactives, And The Suppression Of IL-23 Driven Inflammation Jakob Begun, The University of Queensland, Brisbane, Australia			Connecting Archaea to Parkinson's Disease Pathogenesis - Velma Aho, University of Luxembourg			Cholesterol Metabolism by Uncultured Human Gut Bacteria Influences Host Cholesterol Level - Damian Plichta, Broad Institute of MIT and Harvard, Massachusetts, USA		Sponsored by Merck		Gut Microbes Modulate Host Response to Vaccines Part of The Barcelona Debates on the Human Microbiome 2021. From Microbes to Medicines. Daria Hazuda, Merck, West Point, USA		Sponsored by Nexbiome Therapeutics		Reconstruction of Ancient Microbial Genomes from the Human Gut - Marsha Wibowo, Joslin Diabetes Center - Harvard Medical School, Massachusetts, USA		Deletion Of Npas2 Expression During Fetal and Neonatal Liver Development Differentially Disrupts the Circadian Rhythm of the Gut Microbiome and its Metabolic Function - Derek O'Neil, Baylor College of Medicine, Texas, USA	
3:00 PM	BREAK (15 min)			BREAK (15 min)						BREAK (15 min)														
3:15 PM																								

Scientific Programme - Afternoon

	Sunday 27th						Monday 28th						Tuesday 29th													
	Room A		Room B		Room C		Room A		Room B		Room C		Room A		Room B		Room C									
3:15 PM	The Human Gut Microbiota in Quality of Life and Depression <i>Mireia Valles-Colomer, University of Trento, Italy</i>		Mining and Profiling the Hidden Diversity of the Human Microbiome <i>Nicola Segata, Computational Metagenomics, Department CIBIO, Trento, Italy</i>		The Impact of Probiotics in Shaping the Healthy Preterm Gut Microbiome <i>Lauren Beck, Newcastle University, Tyne and Wear, UK</i>		Human Milk Oligosaccharide DSLNT and Gut Microbiome in Preterm Infants Predicts Necrotising Enterocolitis - Andrea C Masi, Newcastle University, UK		Sponsored by Canadian Institute Health Research (CIHR) IMPACTT: A pan-Canadian Microbiome Research Core <i>Kathy McCoy, University of Calgary, Canada</i>		Sponsored by AB-Biotics Probiotics in COVID-19 Patients: Additional Analyses from a Randomised Controlled Trial in 300 Patients <i>Jordi Espadaler, AB-Biotics, Barcelona, Spain</i>		MMHP - Creating an Atlas of the Human Microbiome - Lars Engstrand, Karolinska Institute, Stockholm, Sweden		MMHP Data Coordination Centre - Johan Rung, SciLifeLab Data Center, Uppsala, Sweden and Peter Longreen, Computerome, Danish Technical University, Lyngby, Denmark		Sponsored by Phase Genomics Exploring the Resistome and Virome <i>Ivan Lachko, Phase Genomics, Seattle, USA</i>		Shared Signatures and Divergence in Skin Microbiomes of Children with Atopic Dermatitis and Their Adult Caregivers - Minghao Chia, Genome Institute of Singapore		Microbiota in Allogeneic Stem Cell Transplantation and Prediction of Acute Graft-Versus-Host-Disease - Anna Cécilia Ingham, Statens Serum Institute, Copenhagen, Denmark		Sponsored by DNA-Genotek Expanding Gut Microbiome Insights: Transcriptomics and Metabolomics <i>Brice LeFrancis, DNA-Genotek, Ottawa, Canada</i> <i>Olle De Bruin, DNA-Genotek, Ottawa, Canada</i> <i>Senthil Murugapiran, Diversigen, Minneapolis, USA</i>			
3:45 PM	Investigation of the Gut Microbiome in Patients with Mental Health Disorders <i>Premysl Berlek, McMaster University, Hamilton, Canada</i>		Compositional Frameworks for Microbiome Research <i>James T Morton, Center for Computational Biology, Flatiron Institute, Simons Foundation, New York, USA</i>		The Gut Microbiota and Urinary Microbial Metabolites Predict Child Growth Recovery Following Severe Acute Malnutrition - Ruairi Robertson, Queen Mary University of London, UK		Metagenomic Analysis Reveals Associations Between Salivary Microbiota and Body Composition in Early Childhood - Modupe Coker, Rutgers School of Dental Medicine, New Jersey, USA		Causational Roles of the Gut Microbiome in Childhood Asthma: Leveraging the CHILD Cohort Study <i>Meghan Azad, University of Manitoba, Winnipeg, Canada</i>		Role of Microbes in the Pathogenesis of PIBD: From Discovery, Through Causation, to Novel Treatments <i>Eytan Wine, University of Alberta, Canada</i>		The Vaginal Microbiome in Cervical Cancer and Mucosal Immunity <i>Adam Burgess, Case Western Reserve University, Cleveland, USA</i>		Pathogen-Microbiome Dynamics During Pregnancy in Young Mothers <i>John Parkinson, Hospital for Sick Children, Toronto, Canada</i>		The Danish POPGUT project - Prospective Investigation of Diet + Gut Microbiota Interactions in Health and Disease - Karsten Kristensen, Laboratory of Genetics and Molecular Biomedicine, University of Copenhagen, Denmark		The French Gut: 100K French Microbiomes in Health and Disease - Marlene Gensler, Université Paris - Saclay, IRMA2, MetaGenoPolis, Jouy-en-Josas, France		Microbiome Research in Latin America: Within the MMHP - Maria Lora, Institute of Clinical and Preventive Medicine, University of Latvia		Functional Characterisation of Fusobacterium in Colorectal Cancer Patients and its Associations with Alterations of Host DNA Damage Pathways - Radhika Kataria, King's College London, UK		Bronchoalveolar Lavage Fluid Metatranscriptomes Analysis Amongst Patients with COVID-19 <i>Michael Jochum, Baylor College of Medicine and Texas Children's Hospital, USA</i>	
4:15 PM	Psychobiotics <i>John Cryan, University College Cork, Ireland</i>		Uncovered Needs in Microbiome Data Analysis <i>Curtis Huttenhower, Harvard T.H. Chan School of Public Health, Boston, USA</i>		The Infant Gut Microbiome and Vaccine Response: Results from the New Hampshire Birth Cohort Study - Presenting: Yuka Moroshita, Dartmouth College, USA Live USA - Margaret R. Karpman, General School of Medicine, Dartmouth College, New York, USA		Impact of Maternal Intrapartum Antibiotics, Birth Mode and Breastfeeding Status on Levels of Bifidobacterium in Infant Gut Microbiota - Yuan Yao Chen, University of Alberta, Canada		Panel discussion		Probiotic Therapy for Oral Health <i>Alex Mira, Center for Advanced Research in Public Health, FISABIO Foundation, Valencia, Spain</i>		Panel discussion		Sponsored by Rebiotix Measuring Antibiotic-Induced Dysbiosis and Restoration using a Novel Microbiome Health Index™ Part of The Barcelona Debates on the Human Microbiome 2021. <i>Ken Blount, Rebiotix VP Microbiome Research, Ferring</i>		The Human Oral Microbiome and Risk of Lung Cancer: an Analysis of Three Prospective Cohort Studies - Emily Vogtmann, National Cancer Institute, Maryland, USA		Biological Signature of an Immunomodulatory Probiotic Intervention for US Veterans with Mild TBI and PTSD - Lisa Brenner, Department of Veterans Affairs, Colorado, USA		DiviB-Mouse: The Development Of A Mouse-Specific Metagenomic Database <i>Eric Smith, Diversigen, Minneapolis, USA</i>					
4:45 PM	Understanding the Links Between Nutrition, Health and the Microbiome Using Big Data <i>Tim Spector, King's College London, UK</i>		The PFNA Operon of Bifidobacteria and its Role in Adaptation to the Host <i>Roman Yunes, The Vavilov Institute of General Genetics, Russia</i>		Holdemanelia sp. Improves GLP-1 Signalling To Regulate Glucose Homeostasis In Obese Mice - Clara Bullich, Institute of Agrochemistry and Food technology (ATA-CSIC), Valencia, Spain		Antibiotic Resistance Genes in the Gut Microbiota of Healthy Volunteers From a Rural Riverine Brazilian Population - Christian Hoffmann, University of Sao Paulo, Brazil		Effects of Lactobacillus Reuteri Supplementation on the Gut Microbiota in Extremely Preterm Infants in a Randomised Placebo-Controlled Trial - Magali Marti, Linköping University, Östergötland, Sweden		Prospective Studies to Mechanistically Link Gut Microbiome Composition and Function to Disease Pathogenesis <i>Alessio Fasano, Massachusetts General Hospital - Harvard Medical School, Boston, USA</i>		Sponsored by Microviable Therapeutics Purified Microbiota and LPBs Towards the Therapeutic Applications <i>Claudio Hidalgo, Microviable Therapeutics, Gijón, Spain</i>		Sponsored by 'la Caixa' Foundation How the Microbiome, Metabolism, and Neuronal Circuits Shape Nutrient Appetites - Carlos Ribeiro, Champalimaud Research Centre, Lisboa, Portugal		Opportunities and Perspectives on Human Microbiome Research <i>Gary D Wu, Penn Center for Nutritional Science and Medicine, Philadelphia, USA</i>		Successinate: A Microbiota-Derived Metabolite With Promising Therapeutic Potential For Metabolic Diseases - Sonia Fernandez Veledo, Pere Virgili Institute - CIBERDEM - Rovira i Virgili University, Tarragona, Spain		Funding Policies to Shape Our Future With Scientific Breakthrough <i>Dirk Hadrich, European Commission, Health Research, Brussels, Belgium</i> <i>Genevieve Bolly-Larouche, Canadian Institutes of Health Research, Ottawa, Canada</i> <i>Katsuhiko Mizuguchi, Japan Agency for Medical Research and Development, Tokyo, Japan</i> <i>Roberto Flores, Office of Nutrition Research, NIH, Bethesda, USA*</i>					
5:15 PM	Lessons from the Earth Microbiome Project, American Gut and Microsetta <i>Rob Knight, University of California, San Diego, USA</i>		Evidence Of A Close Relationship Between COVID-19 And Human Gut Microbiome Bacteria - Mauro Pettrillo, European Commission Joint Research Centre, Ispra, Italy		Are FMTs The Magic Bullet To Unlock CIT Response? <i>Allyson Byrd, Genentech Inc., California, USA</i>		Mimicking Microbiome Driven Intestinal Drug Metabolism and Toxicity - Frank Schuren, TNO Innovation for Life, The Netherlands		The Gut Microbiome is Associated With the Plasma Metabolome in a Study of 8,406 Participants of the Swedish Cardiopulmonary Bioimage Study (SCAPIS) - Koen F. Dekkers, Uppsala University, Upland, Sweden		Microbial Involvement in the Breakdown of Oral Tolerance to Gluten <i>Elena Verdú, McMaster University, Hamilton, Canada</i>		Sponsored by Clinical Microbiomics Cohort Service, UHR Profiling and Microbiome Research <i>Henrik Bjørn Nielsen, Clinical Microbiomics, Copenhagen, Denmark</i>		SUCCESSINATE: A Microbiota-Derived Metabolite With Promising Therapeutic Potential For Metabolic Diseases - Sonia Fernandez Veledo, Pere Virgili Institute - CIBERDEM - Rovira i Virgili University, Tarragona, Spain		Gut Microbiome Signatures Linked to HIV-1 Reservoir Size and Viremia Control - Alessandra Borgognone, IrsiCaixa AIDS Research Institute, Barcelona, Spain		The Importance Of The Microbiome During Pregnancy <i>Francesca Crovetto, Hospital Sant Joan de Déu, Hospital Clínic, Barcelona, Spain</i>		The Global Grants for Gut Health Best Paper Award					
5:45 PM	Unlocking the Secret Genes and Genomes From the Human Microbiome <i>Ami Bhatt, Stanford Medical School, USA</i>		Bugs and Drugs: Using the Microbiome and Metabolome to Predict Addiction Liability - Sierra Simpson, UCSD, California, USA		Novel Yada Family Protein Produced by Veillonella Parvula Induces Upregulation Of Interferon Gamma Production By The Human Immune System - Jin Komerska, The Jackson Laboratory, Connecticut, USA		Microbes From Non-Human Primates Exposed to Maternal High Fat Diet Alter Serotonin In Vitro - Erin Bolte, Baylor College of Medicine, Texas, USA		Study of Airway Microbiota and Respiratory Health in the Northern Indigenous Communities - Mathilde Flahaut, Université Laval, Quebec, Canada		How Do We Apply Novel Knowledge to Better Treat Crohn's Disease <i>Peter Green, College of Physicians & Surgeons Columbia University, New York, USA</i>		Quantitative Microbiome Profiling in Health and Disease <i>Jeroen Raes, Vlaams Instituut voor Biotechnologie, Center for the Biology of Disease, Louvain, Belgium</i>		Revealing the Hidden Biodiversity of the Human Gut Microbiota <i>Mani Arumugam, Novo Nordisk Foundation Center for Basic Metabolic Research, University of Copenhagen, Denmark</i>		THE GLOBAL GRANTS FOR GUT HEALTH		Conference Close							
6:15 PM	Sponsored by Danone Nutricia Research Characteristics Of Gut Microbiome Of Mountain People In Northern Laos - Hiroaki Masuzaki, RIKEN Center for Integrative Medical Sciences, Kanagawa, Japan		Associations Of The Gut Metagenome With Extensive Register-Based Clinical Parameters And Lifestyle Factors In The Population-Based Estonian Microbiome Cohort - Elin Orp, University of Tartu, Estonia		Taxonomic Signatures of Long-Term Mortality Risk in Human Gut Microbiome - Leo Lahti, University of Turku, Finland		Assembly, Structure, And Dynamics Of The Infant Gut Microbiota - Gianluca Galazzo, Maastricht University, The Netherlands		Panel discussion and live voting		Panel discussion		Panel discussion		Panel discussion		Panel discussion									
6:45 PM	Gaudí Route Discover Barcelona designed by Antoni Gaudí.						Gastronomic Route Enjoy and experience the taste of Barcelona						Gastronomic Route Enjoy and experience the taste of Barcelona													
7:15 PM																										
7:45 PM																										
8:15 PM																										

Industry Programme

Sponsored Lectures

Probiotics in COVID-19 Patients: Additional Analyses from a Randomised Controlled Trial in 300 Patients

By AB-BIOTICS

Jordi Espadaler - Monday 28th, 3:15 PM - 3:45 PM

Using Within Species Diversity for Machine learning (WiSDoM) for Biomarker Discovery

By Clinical Microbiomics

Henrik Bjørn Nielsen - Monday 28th, 4:45 PM - 5:15 PM

From Probiotics to Precision Probiotics

By Danone Nutricia Research

Patrick Veiga - Tuesday 29th, 1:30 PM - 2:00 PM

Defined Bacterial Consortia for Medical Uses

By Vedanta Biosciences

Bernat Ollé - Tuesday 29th, 2:00 PM - 2:30 PM

Gut Microbes Modulate Host Response to Vaccines

By MSD

Daria Hazuda - Tuesday 29th, 2:30 PM - 3:00 PM

Nexbiome Therapeutics: How to Identify the Best Research Projects and Turn Them Into Biotech Companies?

By Nexbiome Therapeutics

Stanislas Desjonquères - Tuesday 29th, 2:30 PM - 3:00 PM

Measuring Antibiotic-Induced Dysbiosis and Restoration using a Novel Microbiome Health Index™

By Rebiotix

Ken Blount - Tuesday 29th, 4:15 PM - 4:45 PM

Satellite Symposium

The Impact of the Gut Microbiome on Human Health: Elucidating Mechanisms of Action

By Nature

Chair: Richard Hughes, Nature, London, UK - Monday 28th, 1:30 PM - 3:00 PM

The Canadian Microbiome Initiative: A Focus on Function and Translation

By Canadian Institute Health Research (CIHR)

Chair: Charu Kaushic, Canadian Institutes of Health Research, Institute of Infection and Immunity, Ottawa, Canada - Monday 28th, 3:15 PM - 4:45 PM

Microbiome Dynamics in Metabolism, Viremia Control and Maternity

By "la Caixa" Foundation

Chair: Javier Martínez-Picado, ICREA Research Professor at IrsiCaixa, Associate Professor at the University of Vic, Spain - Monday 28th, 4:45 PM - 6:15 PM

Danone Microbiome Symposium

By Danone Nutricia Research

Chair: Chaysaavanh Manichanh, Vall d'Hebron Research Institute, Barcelona, Spain

Monday 28th, 6:15 PM - 7:15 PM

Gut and Skin Health: Multiomic and Optimized Collection and Analysis Approaches

By DNA-Genotek

Chair: Heloise Breton, DNA-Genotek, Ottawa, Canada - Tuesday 29th, 3:15 PM - 4:45 PM

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