

Symposium 1 | Mitochondria: physiology and pathology

List of oral presentations

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Insights into Cellular Signaling and Metabolic Dysfunctions Involving Mitochondrial-ER Contact Sites in a Rare Neurodevelopmental PACS2 Syndrome.

Lebiedzinska-Arciszewska M¹, Jastrzebska T¹, Pakula B¹, Wydrych A¹, Szczaluba K², Chianese D³, Bonora M³, Pinton P³, Cysewski D⁴, Lukasiewicz K⁴, Wieckowski M¹

¹Nencki Institute of Experimental Biology PAS, ²Medical University of Warsaw, ³University of Ferrara, ⁴Medical University of Białystok

Mitochondria session-1: Mitochondrial signalling in health and disease - part I, Room Santa Caterina (Castello Boccanegra), May 21, 2025, 13:30 - 15:00

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Spermidine-induced Mitophagy as a Potential Modulator of Mitochondrial Heteroplasmy in m.3243A>G Fibroblasts

Li D¹, Poulton J¹

¹Nuffield Department of Women's & Reproductive Health, University of Oxford

Mitochondria session-2: Mitochondrial signalling in health & disease - part II, Room Santa Caterina (Castello Boccanegra), May 21, 2025, 15:30 - 17:00

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Knowledge and guidance rooted on interdisciplinary research and participatory health promotion to tackling obesity in youth: the PAS GRAS Campaign

Azul A^{1,2,3}, Silva A^{1,2,3}, Tavares R^{1,2,3}, Moreira B^{1,2,3}, Carvalho E^{1,2}, Jones J^{1,2}, Matafome P^{4,5}, Ramalho-Santos J^{1,2,3,6}, Oliveira P^{1,2}, Consortium PAS GRAS

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Mitochondria session-3: Mitochondria in obesity and metabolic syndrome - part I (Joint with Pas Gras), Room Santa Caterina (Castello Boccanegra), May 22, 2025, 9:00 - 10:30

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Unraveling the role of liver mechanotransduction and (mitochondrial) metabolism in MASLD progression

Gerardo H^{1,2,3}, Amorim R^{1,5}, Magalhães C^{1,2,6}, Duarte A^{1,2,6}, Anjo S^{1,2}, Grilo L^{1,2}, Marques-Carvalho A^{1,2}, Pereira S^{1,2}, Radmacher M⁴, Brás M⁵, Cabral C^{2,6}, Cavadas C^{1,2,3}, Grãos M^{1,2}, Oliveira P^{1,2}, Teixeira J^{1,2}

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Mitochondria session-4: Mitochondria in obesity and metabolic syndrome - part II (Joint with Pas Gras), Room Santa Caterina (Castello Boccanegra), May 22, 2025, 11:00 - 12:30

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Regulation of mitochondrial metabolism by IL12-family cytokines in chronic lymphocytic leukemia: a novel perspective on therapeutic resistance

Bertola N¹, Ferrero F^{1,2}, Cossu V², Nano E¹, Colombo M¹, Massara R¹, Capra M¹, Ibatci A³, Angelucci E³, Morabito F⁴, Fais F^{1,2}, Ferrarini M², Ravera S^{1,2}, Cutrona G¹

¹Molecular Pathology Unit, IRCCS Ospedale Policlinico San Martino, ²Department of Experimental Medicine, University of Genoa, ³Hematology Unit and Transplant Center, IRCCS Ospedale Policlinico San Martino, ⁴Biotechnology Research Unit, Aprigliano, A.O./ASP of Cosenza

Mitochondria session-5: Mitochondria in immunity and inflammation, Room Santa Caterina (Castello Boccanegra), May 22, 2025, 14:30 - 16:00

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Oxidative stress-driven degeneration of retinal pigment epithelium: role of photoreceptor outer segments.

Panfoli I¹, Ravera S², Puddu A³, Bertola N⁴, Bruno S², Maggi D³

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Mitochondria session-6: Mitochondria in age-related diseases - part I, Room Santa Caterina (Castello Boccanegra), May 23, 2025, 9:00 - 10:30

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Aging-Related Oxidative and Endocrine Dysregulation in Liver, Adipose Tissue, and Heart Influence Cardiometabolic Health

Grilo L^{1,2,3}, Diniz M^{1,2,3}, Stevanovic-Silva J⁴, Beleza J⁴, Mena D^{1,2,3}, Rizo-Roca D⁴, Santos-Alves E⁴, Flehmig B⁵, Duarte A^{1,2}, Normann A⁵, Ascensão A⁴, Magalhães J⁴, Moreno A^{1,6}, Oliveira P^{1,2}, Pereira S^{1,2,4,7}

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Mitochondria session-7: Mitochondria in age-related diseases - part II, Room Santa Caterina (Castello Boccanegra), May 23, 2025, 11:00 - 12:30

Symposium 2 | Aging and Vascular Health: Integrating Cardiac and Cerebrovascular Perspective

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Functional bone marrow transplantation into metabolically altered rats enhances cardiac recovery post myocardial infarction and ameliorates lipid profile

Ramos-Regalado L^{1,2}, Alcover S^{1,2}, Padró T^{1,3}, Sancho G⁴, Badimon L^{5,6}, Balart J⁴, Vilahur G^{1,3}

¹Research Institute Hospital de la Santa Creu i Sant Pau, ²University of Barcelona, ³Centro de Investigación en Red en Enfermedades Cardiovasculares (CIBERCV), ⁴Department of Oncology and Radiotherapy Hospital de la Santa Creu i Sant Pau, ⁵Cardiovascular Research Foundation for Prevention and Innovation in Health (FICSI), ⁶University of Vic

Cardiovascular session-1: Valvular heart disease and aging: updates about diagnosis and treatment, Auditorium (CBA Building), May 21, 2025, 13:30 - 15:00

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Adrenomedullin system activation and risk of cardiogenic shock and death after acute coronary syndromes

Wang Y¹, Schweiger V², Liberale L^{3,4}, Räber L⁵, Templin C^{1,2}, Mach F⁶, Muller O⁷, Akhmedov A¹, Camici G¹, Ilin Y⁸, Kaufmann P⁸, Bergmann A⁸, Lüscher T^{1,9,10}, Kraler S^{1,11}

¹Center for Molecular Cardiology, University of Zurich, ²Department of Internal Medicine B, University Medicine Greifswald, ³First Clinic of Internal Medicine, Department of Internal Medicine, University of Genoa, ⁴IRCCS Ospedale Policlinico San Martino Genoa - Italian Cardiovascular Network, ⁵Department of Cardiology, Swiss Heart Center, Inselspital Bern, ⁶Department of Cardiology, Geneva University Hospitals, ⁷Department of Cardiology, University Hospital of Lausanne, University of Lausanne, ⁸PAM Theragnostics GmbH, ⁹Royal Brompton and Harefield Hospitals and National Heart and Lung Institute, Imperial College, ¹⁰School of Cardiovascular Medicine and Sciences, Kings College London, ¹¹Department of Internal Medicine and Cardiology, Cantonal Hospital Baden

Cardiovascular session-3: Acute coronary syndrome: innovations in prevention, diagnosis and lifesaving care, Auditorium (CBA Building), May 22, 2025, 9:00 - 10:30

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Recurrent pericarditis in older adults: Clinical and laboratory features and outcome

Carrozzo L¹, Bizzi E¹, Cavaleri F¹, Carrozzo L¹, Conte E², Maggiolini S³, Decarlino C³, Maestroni S⁴, Collini V^{5,6}, Sicignano L^{7,8}, Verrecchia E^{7,8}, Manna R^{7,8}, Pancrazi M¹, Trotta L¹, Lopalco G⁹, Malandrino D¹⁰, Pallini G¹, Catenazzi S¹, Emmi G¹⁰, Lazaros G¹¹, Brucato A^{1,12}, Imazio M^{5,6}

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Cardiovascular session-5: Aging and the cardiovascular health: pioneering research for lifelong wellness, Auditorium (CBA Building), May 22, 2025, 14:30 - 16:00

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Long-term outcomes of patients with acute pericarditis admitted to the Emergency department of a teaching hospital

Caldera L¹, Lovati C², Dentali F³, Donadini M³, Ageno W³, Tangianu F⁴, Bonaventura A⁴

¹University of Insubria, ²Department of Pediatrics, Università degli Studi di Milano Statale, ³Department of Medicine and Surgery, Insubria University, ⁴Department of Internal Medicine, 'Ospedale di Circolo e Fondazione Macchi', ASST Sette Laghi

Cardiovascular session-5: Aging and the cardiovascular health: pioneering research for lifelong wellness, Auditorium (CBA Building), May 22, 2025, 14:30 - 16:00

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Effect of tirzepatide, a GIPR and GLP1R dual agonist, on endothelial cell function and metabolism

Kirsch A¹, Gindlhuber J¹, Rieder A¹, Otter K¹, Muralikrishnan A¹, Biasin V¹, Zabini D¹, Osto E¹

¹Division of Physiology and Pathophysiology, Otto Loewi Research Center for Vascular Biology, Immunology and Inflammation, Medical University of Graz

Cardiovascular session-6: Dissecting the mechanisms of cerebrovascular disease, Auditorium (CBA Building), May 23, 2025, 9:00 - 10:30

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Circulating JCAD predicts MACEs in patients with carotid atherosclerosis

Moriero M¹, Bertolotto M¹, Camici G², Carbone F¹, Kraler S², Minetti S¹, Montecucco F¹, Tirandi A², Liberale L¹

¹University of Genoa, ²University Hospital Zürich

Cardiovascular session-6: Dissecting the mechanisms of cerebrovascular disease, Auditorium (CBA Building), May 23, 2025, 9:00 - 10:30

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Tackling the NAD-related signaling pathways to counteract doxorubicin-induced cardiotoxicity

Guccione G¹, Astigiano C¹, Zazza V¹, Guerricchio L¹, Costa A², Ravera S¹, Charmetant J³, Margier M³, Canelle H⁴, Cros C⁴, Ameri P^{1,2}, Bollini S^{1,2}, Bruzzone S^{1,2}, Canault M⁴

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⁴Nuamid SA

Cardiovascular session-7: Beyond acute therapy in stroke: long-term care, Auditorium (CBA Building), May 23, 2025, 11:00 - 12:30

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Investigating novel inflammatory biomarkers and pathways in Cardiac Cachexia

Dulay M^{1,2}, Assaf R^{1,2}, Raza N^{1,2}, Marber M², Sharma R^{1,2}, Kelleher P¹, Dar O^{1,2}

¹Royal Brompton and Harefield Hospitals, ²King's College London School of Cardiovascular Medicine and Science

Cardiovascular session-7: Beyond acute therapy in stroke: long-term care, Auditorium (CBA Building), May 23, 2025, 11:00 - 12:30

Symposium 3 | Metabolic Crossroads: Lipids, Liver Function, and Microbiota Interactions

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The relationship between TyG and AIP indices and insulin resistance and adipose tissue dysfunction in individuals with Obesity without Diabetes

Magalhães C^{1,2}, Rosendo-Silva D^{1,2}, Figueiredo J³, Matafome P^{1,2,3}

¹Coimbra Institute for Clinical and Biomedical Research (ICBR), Faculty of Medicine, University of Coimbra, ²Center for Innovative Biomedicine and Biotechnology (CIBB), University of Coimbra, ³Polytechnic University of Coimbra, Health and Technology Research Center (H&TRC), Coimbra Health School (ESTeSC)

Endo-Metabolism session-1: Lipid dysfunction in metabolic disorders, Salone dei Dogi (Castello Boccanegra), May 21, 2025, 13:30 - 15:00

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Comparison of free fatty acid lipotoxicity in HepG2/C3A cells with superactivated and inhibited autophagy

Pakula B¹, Kassouf T², Lebieczinska-Arciszewska M¹, Horakova O³, Sabinari I³, Rossmeisl M³, Sumara G², Jakubek-Olszewska P¹, Wieckowski M¹

¹Laboratory of Mitochondrial Biology and Metabolism, Nencki Institute of Experimental Biology PAS, ²Dioscuri Centre for Metabolic Diseases, Nencki Institute of Experimental Biology PAS,

³Laboratory of Adipose Tissue Biology, Institute of Physiology of the Czech Academy of Sciences

Endo-Metabolism session-1: Lipid dysfunction in metabolic disorders, Salone dei Dogi (Castello Boccanegra), May 21, 2025, 13:30 - 15:00

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Gestational Diabetes Alters Neonatal GGT: Links to Neonatal Metaflammation and Metabolic Health

Steiner A^{1,2}, Rieder A^{3,4}, Strutz J^{1,2,3}, Amtmann B^{1,2}, Weiß E^{1,2}, Moustafa T⁵, Tocantins C^{1,2,6,7,8}, Hiden U^{1,2}, Kulovic-Sissawo A^{1,2}

¹Perinatal Research Laboratory, Dept. of Obstetrics and Gynaecology, Medical Univ. of Graz, ²Research Unit Early Life Determinants (ELiD), Medical University of Graz, ³Institute of Medical Sciences, Carinthia Univ. of Applied Science, ⁴Division of Physiology and Pathophysiology, Cardio-Metabolic Research Group, Medical University of Graz, ⁵Division of Gastroenterology and Hepatology, Medical University of Graz, ⁶CNC-UC Center for Neuroscience and Cell Biology, University of Coimbra, ⁷CiBB - Centre for Innovative Biomedicine and Biotechnology, University of Coimbra, ⁸Univ. of Coimbra, Inst. for Interdisciplinary Research, Doctoral Programme in Experimental Biology and Biomedicine (PDBEB)

Endo-metabolism session-2: Microbiota-liver interactions in metabolic health, Salone dei Dogi (Castello Boccanegra), May 21, 2025, 15:30 - 17:00

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Improvement of Gastrointestinal and Psychological Symptoms with OMNi-BiOTiC® METAtox Multistrain Probiotics: A 30-Day Intervention

Mahdi L¹, Khalil M¹, Pugliese R¹, Di Palo D², Graziani A³, Portincasa P¹

¹Clinica Medica "A. Murri", Department of Precision and Regenerative Medicine and Ionian Area (DiMePre-J), University of Bari "Aldo Moro", 70124 Bari, Italy, ²UOC Igiene-Azienda Ospedaliera Universitaria Policlinico di Bari, ³Institut AllergoSan Pharmazeutische Produkte Forschungs- und Vertriebs GmbH, Graz, 8055, Austria

Endo-metabolism session-2: Microbiota-liver interactions in metabolic health, Salone dei Dogi (Castello Boccanegra), May 21, 2025, 15:30 - 17:00

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Carotid Sinus Nerve Resection: A key to improve liver function in metabolic disease

Sacramento J¹, Martins F¹, Prego C¹, Batista C¹, Melo B¹, Carecho R¹, Barosa C², Sampaio-Pires D¹, Jones J^{2,3,4}, Conde S¹

¹iNOVA4Health, NOVA Medical School, Faculdade de Ciências Médicas, Universidade NOVA de Lisboa, ²CNC-Center for Neurosciences and Cell Biology, University of Coimbra, ³CiBB-Centre for Innovative Biomedicine and Biotechnology, University of Coimbra, ⁴III Institute for Interdisciplinary Research, University of Coimbra (IIIUC)

Endo-metabolism session-3: Complexities in liver and metabolic disorders, Salone dei Dogi (Castello Boccanegra), May 22, 2025, 9:00 - 10:30

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Serum paraoxonase 1 activity as a biomarker of early dysmetabolic stages and its link to liver disease

Herrera L^{1,2}, Meneses M², Pina A², Raposo J¹, Boavida J¹, Gardete-Correia L¹, Penha-Gonçalves C¹, Macedo M^{1,2}

¹APDP-Diabetes Portugal, Education and Research Center, ²iNOVA4Health, NOVA Medical School, Universidade NOVA de Lisboa

Endo-metabolism session-3: Complexities in liver and metabolic disorders, Salone dei Dogi (Castello Boccanegra), May 22, 2025, 9:00 - 10:30

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Differential effects of bariatric surgery on circulating GDF15 and FGF21 levels: implications for glycemic status and weight loss outcomes

Salmón-Gómez L^{1,2,3}, Catalán V^{1,2,3}, Ramírez B^{1,2,3}, Aguas-Ayesa M^{2,4}, Rodríguez A^{1,2,3}, Becerril S^{1,2,3}, Valentí V^{2,3,5}, Moncada R^{2,3,6}, M. Perdomo C^{2,4}, Silva C^{2,3,4}, Escalada J^{2,3,4}, Frühbeck G^{1,2,3,4}, Gómez-Ambrosi J^{1,2,3}

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GUT-liver and lifestyle session-4: Gut-liver axis and therapeutics, Salone dei Dogi (Castello Boccanegra), May 22, 2025, 11:00 - 12:30

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Protection of Gastroesophageal Mucosal Integrity by the Natural Complex Poliprotect®: An Ex Vivo Studies

Perniola V¹, Lanza E¹, Mahdi L¹, Sallustio P², Idone V³, Semeraro D⁴, Mastrodonato M⁴, Desaphy J⁵, Portincasa P¹, Khalil M¹, Franco I⁶, Loiacono M⁶

¹Clinica Medica "Augusto Murri", Department of Preventive and Regenerative Medicine and Ionian Area (DiMePrev-J), University of Bari Aldo Moro, Bari, Italy, ²Division of General Surgery, Department of Preventive and Regenerative Medicine and Ionian Area (DiMePrev-J), University of Bari Aldo Moro, Bari, Italy, ³Aboca S.p.A, Sansepolcro, Italy, ⁴Department of Biosciences, Biotechnologies and Biopharmaceutics, University of Bari Aldo Moro, Bari, Italy, ⁵Section of Pharmacology, Department of Preventive and Regenerative Medicine and Ionian Area (DiMePrev-J), University of Bari Aldo Moro, Bari, Italy, ⁶Digestive Endoscopy Unit; IRCCS Giovanni Paolo II, Viale Orazio Flacco 65, 70124, Bari, Italy

GUT-liver and lifestyle session-4: Gut-liver axis and therapeutics, Salone dei Dogi (Castello Boccanegra), May 22, 2025, 11:00 - 12:30

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Synergistic Effects of Liraglutide and Bromocriptine as Potential Therapy for Metabolic Dysfunction

Sousa D^{1,2,3,4,5}, Rolo G^{1,2,3}, Caramelo B^{1,2,3,4}, Magalhães C^{1,2,3,4}, Amaro A^{1,2,3}, Rosendo-Silva D^{1,2,3,6}, Matafome P^{1,2,3,6}

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GUT-liver and lifestyle session-5: Hormonal and lifestyle modulators in obesity and liver health, Salone dei Dogi (Castello Boccanegra), May 22, 2025, 14:30 - 16:00

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Effect of weight loss on fat accumulation and liver microsomal function in patients with Metabolic dysfunction Associated Steatotic Liver Disease (MASLD)

Johnbritto J¹, Di Ciaula A¹, Shanmugam H¹, Pietragalla G¹, Lanza E¹, Portincasa P¹, Khalil M¹

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GUT-liver and lifestyle session-5: Hormonal and lifestyle modulators in obesity and liver health, Salone dei Dogi (Castello Boccanegra), May 22, 2025, 14:30 - 16:00

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Comparison of the effect of carotid body activity modulation vs. dietary approach on metabolic control and impact on microbiota

Martins F¹, Carecho R¹, Nobre C¹, Ávila-Gálvez M², Nunes dos Santos C¹, V. Conde S¹

¹iNOVA4Health, Nova Medical School, Faculdade de Ciências Médicas, Universidade NOVA de Lisboa, ²Laboratory of Food & Health; Research Group on Quality, Safety and Bioactivity of Plant Foods, CEBAS-CSIC

GUT-liver and lifestyle session-6: Lipid regulation and energy balance, Salone dei Dogi (Castello Boccanegra), May 23, 2025, 9:00 - 10:30

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Coupling p-aminobenzoic acid (PABA) with stable isotope tracers to non-invasively capture human hepatic metabolic fluxes

Silva J^{1,2,3,4}, Barosa C¹, do Ó D⁵, Raposo J⁵, Andrade R⁵, Ribeiro R⁵, Jones J¹

¹University of Coimbra, Centre for Innovative Biomedicine and Biotechnology (CIBB), ²University of Coimbra, Institute for Interdisciplinary Research (iii-UC), Doctoral Programme in Experimental Biology and Biomedicine (PDBEB), ³Vasco da Gama University School, Vasco da Gama Centre of Investigation (CIVG), ⁴University of Aveiro, Department of Chemistry and CICECO-Aveiro Institute of Materials, ⁵APDP - Associação Protetora dos Diabéticos de Portugal

GUT-liver and lifestyle session-6: Lipid regulation and energy balance, Salone dei Dogi (Castello Boccanegra), May 23, 2025, 9:00 - 10:30

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Enhancing the 5y-AdDiaRem Score: The Role of the Triglyceride-Glucose Index in Predicting Long-Term Diabetes Remission After Bariatric Surgery

Scuricini A¹, Montecucco F^{1,2}, Liberale L^{1,2}, Carbone F^{1,2}

¹Department of Internal Medicine, University of Genoa, ²IRCCS Ospedale Policlinico San Martino

GUT-liver and lifestyle session-7: Personalized approaches and sex-specific insights, Salone dei Dogi (Castello Boccanegra), May 23, 2025, 11:00 - 12:30

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Impact of Material Deprivation on Clinical Outcomes of Patients with Cirrhosis

Pasta A¹, Rossi D¹, Labanca S², Marengo S², Pieri G², Plaz Torres M^{1,2}, Giannini E^{1,2}

¹University Of Genoa, ²IRCCS San Martino Policlinic Hospital

GUT-liver and lifestyle session-7: Personalized approaches and sex-specific insights, Salone dei Dogi (Castello Boccanegra), May 23, 2025, 11:00 - 12:30

Symposium 4 | Aging in Next-Gen Oncohematology

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Association of Alcohol Consumption on Breast Cancer Incidence and Prognosis: A Systematic Review and Meta-Analysis

Arecco L¹, Cachilas P², Bobato Lara Gismondi C³, Gentile G¹, Bruzzzone M⁴, Agostinetto E¹, Blondeaux E⁴, Dauccia C¹, Lobo Martins S¹, Gerosa R¹, Grochot R⁵, S. Saini K⁶, A. Azim Jr H⁷, Debiassi M⁸, De Caluwé A⁹, Buisseret L¹, Del Mastro L¹⁰, Lambertini M¹⁰, de Azambuja E¹

¹Univ. Libre de Bruxelles, Hôpital Univ. de Bruxelles, Inst. Jules Bordet, ²Hospital de Clínicas de Porto Alegre, ³Hosp. Israelita Albert Einstein, ⁴U.O. Epidemiologia Clinica, IRCCS Ospedale Policlinico San Martino, ⁵Royal Marsden NHS Foundation Trust (RMH), ⁶Addenbrooke's Hospital, Cambridge Univ. Hospitals NHS Found. Trust, ⁷Cairo Cure Oncology Center, ⁸Breast Unit, Champalimaud Clinical Centre/Champalimaud Found., ⁹Dept. of Radiotherapy, Institut Jules Bordet, Hôpital Univ. de Bruxelles (H.U.B), Univ. Libre de Bruxelles (ULB), ¹⁰Dept. of Medical Oncology, U.O. Clinica di Oncologia Medica, IRCCS Ospedale Policlinico San Martino

Oncology session-1: Treatment optimization towards de-escalation in elderly patients with early breast cancer, Room Disney (CBA Building), May 21, 2025, 13:30 - 15:00

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The role of platelets in resistance to pembrolizumab in patients with advanced non-small cell lung cancer

Marconi S¹, Santamaria S², Balossino A¹, Dono M³, Genova C^{2,3}, Rossi G², Zinoli L², Barletta G², Tagliamento M^{2,3}, Dellepiane C², Coco S¹

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Oncology session-2: Nutrition issues in cancer patients, Room Disney (CBA Building), May 21, 2025, 15:30 - 17:00

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Biological modifications of the immune response to COVID-19 vaccine in patients treated with rituximab and immune-checkpoint inhibitors

Ravera F¹, Dameri M^{1,2}, Lombardo I², Stabile M¹, Fallani N², Scarsi C¹, Cigolini B¹, Gentilcore G³, Domnich A², Zullo L⁴, Cella E¹, Francia G¹, Montanari E¹, Orsi A², Bellodi A², Ferrando F^{1,2}, Rinchai D³, Ballerini F^{1,2}, Bruzzone B², Chaussabel D⁵, Grivel J³, Genova C^{1,2}, Lemoli R^{1,2}, Bedognetti D³, Ballestrero A^{1,2}, Ferrando L¹, Zoppoli G^{1,2}

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Oncology session-2: Nutrition issues in cancer patients, Room Disney (CBA Building), May 21, 2025, 15:30 - 17:00

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The CITUCEL "Circulating Tumor CELls and circulating tumor DNA in breast cancer" study

Cardinali B¹, Arecco L¹, Ferrando L³, De Luca G², Garuti A³, Mazzitelli C¹, Sciutto A¹, Stella A¹, Poggio F¹, Conte B¹, Buzzatti G¹, Blondeaux E⁴, Borea R¹, Carli F⁵, Anselmi G⁵, Profumo A⁶, Coronel-Vargas G⁶, Ballestrero A³, Zoppoli G³, Dono M², Del Mastro L¹

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Oncology session-3: New promising targets beyond HER2 and TROP2, Room Disney (CBA Building), May 22, 2025, 11:00 - 12:30

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Safety of having a subsequent pregnancy after prior diagnosis of breast cancer during pregnancy (PrBC) in young BRCA carriers

Perachino M^{1,2,3}, Blondeaux E⁴, Delucchi V⁴, Bernstein Molho R⁵, Frank S⁶, Paluch-Shimon S⁷, Linn S⁸, Di Meglio A⁹, Peccatori F¹⁰, C.F. Moore H¹¹, Parokonnaya A¹², Renaud T¹³, Rodriguez Wallberg K¹⁴, Partridge A¹⁵, Pogoda K¹⁶, Ferrari A¹⁷, Agostinetto E¹⁸, Balmaña J¹, Saura C^{1,19}, Lambertini M^{2,3}

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Oncology session-4: Special age-related issues in managing breast cancer in young women,
Room Disney (CBA Building), May 22, 2025, 09:00 - 10:30

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Endocrine adjuvant therapy and sexual health among women with breast cancer: a comparison between tamoxifen and aromatase inhibitors

Quaroni S^{1,2}, Russo A^{1,2}, Asinaro G^{1,2}, Marrone E³, Lambertini M^{4,5}, Massarotti C^{1,2}

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Oncology session-4: Special age-related issues in managing breast cancer in young women,
Room Disney (CBA Building), May 22, 2025, 09:00 - 10:30

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Clinical and Economic Impact of Preventive Strategies in Hereditary Diffuse Gastric Cancer: Insights from the EU PREVENTABLE Project

Amorim R¹, Fonseca J¹, Peleteiro B^{2,5,6}, Duarte D^{1,2}, Ferreira D^{1,2}, Sousa L^{1,3}, Garrido L^{1,2,3}, Pereira S¹, Fernandes M¹, Moreira A¹, Duran-Lozano L⁷, Costal A⁸, Dueñas N⁸, Faure P⁹, Rolain M⁹, Stenfors I¹⁰, Lundhaug B¹¹, Haavind M¹¹, Nanciu A^{3,12}, Quante M¹², Schuurs-hoeijmakers J^{3,13}, Verkroost J¹³, Moreira L², Carvalho M², Consortium P, Balmaña J^{3,7}, Brunet J^{3,8}, Jean-Christophe T^{9,15}, Aretz S^{3,12}, Vetti H^{3,11}, Houdayer C^{3,9}, Bajalica-Lagercrantz S^{3,10}, Verbeek K^{13,14}, Sousa R¹, Azevedo A^{2,3,5,6}, Oliveira C^{1,3,4,5}

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Oncology session-5: Treatment optimization in gastrointestinal cancers, Room Disney (CBA Building), May 22, 2025, 14:30 - 16:00

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Uveal Melanoma: Bridging Research with Effective, Reliable, and Immunocompetent Mouse Models

El Rashed Z¹, Rigo V², Reggiani F¹, Ambrosio M^{1,3}, Petit M^{1,3}, H. Gharai M¹, Profumo C^{2,3}, Forlani A¹, Morabito A¹, Pfeffer U¹, Croce M², Amaro A¹

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Oncology session-5: Treatment optimization in gastrointestinal cancers, Room Disney (CBA Building), May 22, 2025, 14:30 - 16:00

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Molecular characterization of the circadian clock in paediatric leukaemia patients: a comparison of healthy vs tumour cells and clinical implications

Malhan D^{1,2,8}, Ludwig M^{2,3,8}, Basti A^{1,2,4}, Silberhorn S^{1,2}, Schulte J^{3,5,6,7,9}, Eggert A^{3,6,9}, Relógio A^{1,2,4,9}

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Hematology, gene/cell therapy session-6: New insights into hematologic malignancies: bridging bench and bedside, Room Disney (CBA Building), May 23, 2025, 9:00 - 10:30

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Cyclic fasting and zinc ionophores achieve synergistic antitumor activity

Namatalla A¹, Bonfiglio T¹, Ravera S¹, Balbi M¹, Pisciotto L^{1,2}, Caffa I¹, Khalifa A¹, Nencioni A^{1,2}

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Hematology, gene/cell therapy session-7: Emerging therapeutic strategies and precision medicine in cancer, May 23, 2025, 11:00 - 12:30

Symposium 5 | The Intersection of Aging and Rheumatology

List of oral presentations

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Targeting CCL8 for abdominal aortic aneurysm therapy: role in inflammation and lipid metabolism modulation

Alyavi B², Karimjanova G¹, Uzokov J², Kurmayeva D³, Kayumov N², Payziev D², Abdullaev A²

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Rheumatology session-1: Polymyalgia rheumatica, Room A (CBA Building), May 22, 2025, 9:00 - 10:30

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Association of TNF- α (-308G/A), IL-17A (-197G/A), and IL-10 (-592C/A) gene polymorphisms with susceptibility to rheumatic heart disease in Uzbek population

Sharipova O¹, Egamkulov U², Aliakbarova H², Husanova S¹, Akhmatova F¹

¹Kimyo International University in Tashkent, ²Samarkand State Medical University

Rheumatology session-1: Polymyalgia rheumatica, Room A (CBA Building), May 22, 2025, 9:00 - 10:30

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Performance of antinuclear antibodies assessment by indirect immunofluorescence and chemiluminescence assays by clinical pre-test risk stratification

Cafaro G¹, Tromby F¹, Puxeddu G¹, Dal Pozzolo R¹, Bruno L¹, Colangelo A¹, Nicchi M¹, Pianese B¹, Cruciani G¹, Perricone C¹, Gerli R¹, Bartoloni E¹

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Rheumatology session-2: Systemic sclerosis, Room A (CBA Building), May 22, 2025, 11:00 - 12:30

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An Unusual Drug for an Uncommon Disease: A Case of Severe Sclerosing Mesenteritis in an Internal Medicine Ward

Cafaro I¹, Ravera F¹, Bellodi A², Ferrando F¹, Ballestrero A^{1,2}

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Rheumatology session-2: Systemic sclerosis, Room A (CBA Building), May 22, 2025, 11:00 - 12:30

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Deficient immunomodulating effects of platelets in rheumatoid arthritis contribute to Th17 axis activation

Cafaro G¹, Christodoulou M², Cipriani S¹, Sebastiano M¹, Perricone C¹, Bistoni O¹, Gerli R¹, Bartoloni E¹

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Rheumatology session-3: Osteoporosis, Room A (CBA Building), May 22, 2025, 14:30 - 16:00

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Clinical Characteristics and Genetics of Familial Mediterranean Fever (FMF) in Diverse Populations: A Comparative Study of Italy, Turkey, and Lebanon

Jaber N¹, Kilic B², Yagci L², Ozturk A², Giordano V¹, Abdallah H¹, Daher A⁴, Mahdi L¹, Ghssein G⁵, Khalil M¹, Stella A³, Di Ciaula¹, Ugurlu S², Portincasa P¹

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Rheumatology session-3: Osteoporosis, Room A (CBA Building), May 22, 2025, 14:30 - 16:00