

Poster session Thursday, May 22

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

P01-Thu

Recurrent pericarditis with normal C-reactive protein: clinical and laboratory features, biomarkers and outcome in a non-inflammatory phenotype

Luisa Carrozzo¹, Maddalena Alessandra Wu^{2,3}, Emanuele Bizzi¹, Silvia Berra¹, Matteo Vidali⁴, Massimo Pancrazi¹, Lucia Trotta¹, Elisa Ceriani^{2,3}, Enrica Negro¹, Lisa Serati¹, Elisa Calabrò¹, Ferruccio Ceriotti⁴, Alessandro Andreis⁵, Valentino Collini⁶, Enrico Tombetti^{1,3}, Massimo Imazio⁶, Antonio Brucato^{1,3}

¹Fatebenefratelli Hospital, ASST Fatebenefratelli Sacco, Milan, Italy, ²Luigi Sacco Hospital, ASST Fatebenefratelli Sacco, Milan, Italy, ³Department of Biomedical and Clinical Sciences, University of Milan, Milan, Italy, ⁴Clinical Pathology Unit, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy, ⁵Department of Cardiology, University Hospital Città della Salute e della Scienza, Turin, Italy, ⁶Cardiothoracic Department, University Hospital Santa Maria della Misericordia, Udine, Italy

P02-Thu

Factors associated with systolic dysfunction of the right ventricle in patients with a history of myocardial infarction

Eleonora Tashkenbaeva¹, Ikhtiyor Kholikov¹, Iroda Salieva¹

¹Samarkand State Medical University, Samarkand, Uzbekistan

P03-Thu

Characteristics of atrial fibrillation episodes in patients with acute myocardial infarction of various locations

Eleonora Tashkenbaeva¹, Asror Lakhanov¹, Zarina Nasirova¹, Dilduza Rasulova¹, Iroda Solieva¹

¹Samarkand State Medical University, Samarkand, Uzbekistan

P04-Thu

Comparative Analysis of Heart Structure and Function in Atrial Fibrillation Patients with Myocardial Infarction of Different Locations

Eleonora Tashkenbaeva¹, Asror Lakhanov¹, Zarina Nasirova¹, Erkin Ergashzoda¹

¹Samarkand State Medical University, Samarkand, Uzbekistan

P05-Thu

Game over for gamers - do video games raise or lower CVD risk?

Divyansh Divyansh¹, Gulnora Abdieva¹

¹Samarkand State Medical University, Samarqand shahar, Uzbekistan

P06-Thu

A comprehensive risk scoring system for cardiovascular disease (CVD) in Uzbekistan

Maftuna Abdulloeva¹, divyansh divyansh¹

¹Samarkand State Medical University, Samarkand, Uzbekistan

P07-Thu

Risk factors and predictors of hypertension in young people with obesity

Charrazkhon Minovarova¹, Jamol Uzokov², Gulchehra Atakhodjaeva¹

¹Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, ²Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Tashkent, Uzbekistan

P08-Thu

Deciphering perivascular adipose tissue heterogeneity in abdominal aortic aneurysm: insights from single-cell sequencing and spatial transcriptomics

Nodrbek Kayumov¹, Jamol Uzokov², Akbar Abdullaev², Djamshid Payziev¹, Daler Orziev¹, Diyora Kurmayeva³

¹Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, ²Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Tashkent, Uzbekistan, ³Center for the development of advanced technologies, Tashkent, Uzbekistan

P09-Thu

Non-invasive imaging of perivascular inflammation in AAA: Application of 18F-DPA-714 PET for early detection and prognostic evaluation

Djamshid Payziev¹, Akbar Abdullaev², Bakhromkhon Alyavi², Jamol Uzokov², Nodrbek Kayumov², Diyora Kurmayeva³

¹Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, ²Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Tashkent, Uzbekistan, ³Center for the development of advanced technologies, Tashkent, Uzbekistan

P10-Thu

Microvascular dysfunction in patients with non-obstructive coronary artery disease

Djamshid Payziev¹, Bakhromkhon Alyavi², Akbar Abdullaev², Jamol Uzokov²

¹Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, ²Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Tashkent, Uzbekistan

P11-Thu

Preventing Heart Failure Through NT-proBNP-Guided Medical Intervention

Cuciureanu Irina¹, Suzana Guberna, Eleonora Dragan, Ana Maria Georgina Avram, Catalina Andrei

¹U.M.F. Carol Davila, Bucuresti, Romania

P12-Thu

Assessment of clinical manifestations of chronic obstructive pulmonary disease in patients with atrial fibrillation

Guzal Karimdjanova¹, Jamol Uzokov²

¹Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, ²Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Tashkent, Uzbekistan

P13-Thu

Investigating the role of inflammatory biomarkers in coronary microvascular dysfunction

Durdona Adylova¹, Bakhromkhon Alyavi², Akbar Abdullaev², Jamol Uzokov²

¹Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, ²Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Tashkent, Uzbekistan

P14-Thu

Prognostic value of coronary microvascular dysfunction in patients with INOCA

Bakhromkhon Alyavi², Akbar Abdullaev², Jamol Uzokov², Durdona Adylova¹, Sherzod Iskhakov²

¹Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, ²Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Tashkent, Uzbekistan

P15-Thu

Analysis of the results of echocardiographic changes in patients of working age with ischemic heart disease after surgical revascularization

Iroda Salieva¹, Eleonora Tashkenbaeva²

¹Samarkand Branch of The Republican Specialized Scientific Practical Medical Center Of Cardiology, Samarkand, Uzbekistan, ²Samarkand State Medical University, Samarkand, Uzbekistan

P16-Thu

Predictive cardio-vascular and mortality markers in elderly with hip fracture

Riccardo Balzano¹, Silvia Ottaviani, Luca Tagliafico, Stefania Peruzzo, Monica Pizzonia, Fiammetta Monacelli, Alessio Nencioni

¹Università Degli Studi Di Genova, Genova, Italy

P17-Thu

Anti-Vasoconstriction Effects of Pinacidil on Human Saphenous Veins Obtained from Patients with Type-2 Diabetes Mellitus

Jovana Rajkovic¹, Milos Gostimirovic¹, Miodrag Peric², Ljiljana Gojkovic-Bukarica¹

¹Institute for Pharmacology, Clinical Pharmacology and Toxicology, Medical Faculty, University of Belgrade, Belgrade, Serbia, ²Institute for Cardiovascular Diseases Dedinje, Belgrade, Serbia

P18-Thu

Clinical characteristics of people living with overweight: A comparison between a general practitioners' morbidity registry and a multidisciplinary obesity clinic

Amar Van Laar¹, Sofia Pazmino¹, Pavlos Mamouris², Nele Steenackers^{1,3}, Roman Vangoitsenhoven^{1,4}, Ann Mertens^{1,4}, Ellen Deleus^{1,5}, Matthias Lannoo^{1,5}, Margo Hulsmans⁴, Caroline Simoens¹, Bert Vaes⁶, Bart Van der Schueren^{1,4}

¹Department of Chronic Diseases and Metabolism, Clinical and Experimental Endocrinology, KU Leuven, Leuven, Belgium, ²Real-World Data Solutions, Larissa, Greece, ³Department of Nutrition and Movement Sciences, School for Nutrition and Translational Research in Metabolism, Maastricht University, Maastricht, The Netherlands, ⁴Department of Endocrinology, University Hospitals Leuven, Leuven, Belgium, ⁵Department of Abdominal Surgery, University Hospitals Leuven, Leuven, Belgium, ⁶Department of Public Health and Primary Care, KU Leuven, Leuven, Belgium

P19-Thu

Body-mass index registration and prevalences of weight-related complications in a Belgian general practitioners' morbidity registry

Amar Van Laar¹, Sofia Pazmino¹, Pavlos Mamouris², Nele Steenackers^{1,3}, Roman Vangoitsenhoven^{1,4}, Ann Mertens^{1,4}, Ellen Deleus^{1,5}, Matthias Lannoo^{1,5}, Margo Hulsmans⁴, Caroline Simoens¹, Bert Vaes⁶, Bart Van der Schueren^{1,4}

¹Department of Chronic Diseases and Metabolism, Clinical and Experimental Endocrinology, KU Leuven, Leuven, Belgium, ²Real-World Data Solutions, Larissa, Greece, ³Department of Nutrition and Movement Sciences, School for Nutrition and Translational Research in Metabolism, Maastricht University, Maastricht, The Netherlands, ⁴Department of Endocrinology, University Hospitals Leuven, Leuven, Belgium, ⁵Department of Abdominal Surgery, University Hospitals Leuven, Leuven, Belgium, ⁶Department of Public Health and Primary Care, KU Leuven, Leuven, Belgium

P20-Thu

Study of platelet function phenotypes in frail older women

Magdalena Sepúlveda¹, Héctor Montecino-Garrido², Iván Palomo¹, Jonathan Gibbins³, Eduardo Fuentes¹

¹Thrombosis and Healthy Aging Research Center, Medical Technology School, Faculty of Health Sciences, Interuniversity Center for Healthy Aging, University of Talca, Talca, Chile, ²Centro de Estudios en Alimentos Procesados (CEAP), CONICYT-Regional, Gore Maule R0912001, Talca, Chile, ³Institute for Cardiovascular and Metabolic Research, School of Biological Sciences, University of Reading, Reading, United Kingdom

P21-Thu

Caenorhabditis elegans, an invertebrate model organism to study the effects of ethanol-induced cognitive impairments

Anar Batzorig¹, Annette Brandt¹, Ina Bergheim¹

¹Department of Nutritional Sciences, University of Vienna, Vienna, Austria

P22-Thu

A new panel of biomarkers for assessing plaque vulnerability in severe carotid stenosis

Silvia Ortona¹, Chiara Barisione^{2,3,4}, Caterina Ivaldo², Michele Paudice^{2,3}, Simona Pigozzi², Anna Lisa Furfaro¹, Mariapaola Nitti¹, Domenico Palombo^{2,3,4}, Giovanni Pratesi^{2,3,4}

¹Department of Experimental Medicine, University of Genoa, Genova, Italy, ²Department of Surgical and Integrated Diagnostic Sciences, University of Genoa, Genova, Italy, ³IRCCS Ospedale Policlinico San Martino, Genoa, Italy, ⁴Research Center for Biologically Inspired Engineering in Vascular Medicine and Longevity, University of Genoa, Genova, Italy

P23-Thu

A novel dispiranic derivative totally prevents cardiac reperfusion damage by targeting the mitochondrial permeability transition pore

Giampaolo Morciano¹, Gaia Pedriali², Giulia Turrin³, Cristina Algieri⁴, Elena Tremoli², Salvatore Nesci⁴, Claudio Trapella³, Paolo Pinton^{2,3}

¹University of Bari "Aldo Moro", Bari, Italy, ²Maria Cecilia Hospital, GVM Care&Research, Cotignola, Italy, ³University of Ferrara, Italy, ⁴University of Bologna, Ozzano dell'Emilia, Italy

P24-Thu

HRAS[^{sup}V12G/^{sup}] overexpression drives senescence in human cardiac fibroblasts

Ambra Costa¹, Davide Ceresa², Eva Bianconi¹, Paolo Malatesta^{2,3}, Pietro Ameri^{1,4}

¹Cardiovascular Experimental Medicine Unit, IRCCS Ospedale Policlinico San Martino, Genova, Italy, ²Department of Experimental Medicine (DIMES), University of Genova, Genova, Italy, ³Neuro-oncology and Mutagenesis Unit, IRCCS Ospedale Policlinico San Martino, Genova, Italy, ⁴Department of Internal Medicine (DIMI), University of Genova, Genova, Italy

P25-Thu

Predictors of myocardial infarction with non-obstructive coronary arteries in patients with diabetes mellitus

Akbar Abdullaev², Jamol Uzokov², Sevara Pulatova¹, Tursunov Jakhongir²

¹Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, ²Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Tashkent, Uzbekistan

P26-Thu

Paracrine activity of epicardium adipose and non-adipose layers, implications on cardiomyocytes and modulations by semaglutide

Rumeysa Basdas^{1,2}, David Sanchez Lopez^{1,2,6}, Jose Ramon Nuñez Caamaño¹, José Manuel Martínez-Cereijo³, Ángel L Fernández^{2,3,6}, Susana Belen Bravo⁴, José Ramon González-Juanatey^{2,5,6}, Sonia Eiras^{1,6}

¹Translational Cardiology, Health Research Institute of Santiago de Compostela, Santiago de Compostela, Spain, ²University of Santiago de Compostela, Santiago de Compostela, Spain, ³Heart Surgery department, Complejo Hospitalario Universitario de Santiago, Santiago de Compostela, Spain, ⁴Proteomics Unit, Health Research Institute of Santiago de Compostela, Santiago de Compostela, Spain, ⁵Cardiology department, Complejo Hospitalario Universitario de Santiago, Santiago de Compostela, Spain, ⁶CIBERCV, ISCIII, Madrid, Spain

P27-Thu

Lipid profile values in patients with ischemic heart disease after PCI with combination therapy of statins and inclisiran

Nizom Latipov¹, Bakhromkhon Alyavi¹, Bekzod Karimov¹

¹Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Tashkent, Uzbekistan

P28-Thu

Risk factors for the development of INOCA in women

Bakhromkhon Alyavi¹, Jamol Uzokov¹, Akbar Abdullaev¹, Nizom Latipov¹

¹Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Tashkent, Uzbekistan

P29-Thu

The role of CD38 in age-related vascular dysfunction: a sex-dependent factor

Amedeo Tirandi^{1,3}, Yustina M Puspitasari¹, Kangmin Yang¹, Stefano Ministrini^{1,2}, Susan Bengs¹, Luca Liberale^{3,4}, Fabrizio Montecucco^{3,4}, Tomasz J Guzik^{5,6}, Thomas F Luscher^{1,7}, Giovanni G Camici^{1,8}

¹Center for Molecular Cardiology, University Of Zurich, Schlieren, Switzerland, ²Cardiology Department, Luzerner Kantonspital, Luzern, Switzerland, ³First Clinic of Internal Medicine, Department of Internal Medicine, University of Genoa, Genoa, Italy, ⁴IRCCS Ospedale Policlinico San Martino Genoa – Italian Cardiovascular Network, Genoa, Italy, ⁵Centre for Cardiovascular Science, Queens Medical Research Institute, University of Edinburgh,, Edinburgh, the United Kingdom, ⁶Department of Medicine, Jagiellonian University Collegium Medicum,, Cracow, Poland, ⁷Department of Cardiology, Royal Brompton & Harefield Hospitals and National Heart & Cardiovascular Academic Group, King's College, London, the United Kingdom, ⁸Department of Research and Education, University Hospital Zurich, Zurich, Switzerland

P30-Thu

Therapeutic Potential of Human Placenta-Derived Mesenchymal Stem Cells and NIL10(miR-150) Nanoparticles in Myocardial Repair Post-Ischemia- Reperfusion Injury

Nunzio Alcharani^{1,2}, Laura Tesoro^{1,2}, Ignacio Hernández^{1,2}, Javier Diez^{1,2}, Claudia González-Cucharero^{2,3}, Beatriz Jiménez-Guirado^{1,2}, José Luis Zamorano², Marta Saura^{3,2}, Maite Iglesias¹, Carlos Zaragoza^{1,2}

¹Universidad Francisco De Vitoria, Pozuelo de Alarcón, Spain, ²Cardiology Department Hospital Ramon y Cajal, Madrid, Spain, ³Universidad de Alcalá de Henares, Alcalá de Henares, Spain

P31-Thu

Adiposity marker, FABP4, predictor of cardiovascular disease progression, role on neutrophils transcriptome and its modulation by semaglutide

David Sanchez Lopez^{1,2,3}, David Garcia Vega^{2,4}, Rumeysa Basdas^{1,2}, Jose Ramon Nunez Caamano¹, Saja Al Rubaye^{1,2}, Isabel Ferreiros Vidal¹, Juan Evaristo Vinuela Roldan⁴, Laura Reija Lopez⁴, Jose Manuel Martinez Cereijo⁴, Angel Luis Fernandez Gonzalez⁴, Jose Ramon Gonzalez Juanatey^{1,2,3,4}, Sonia Eiras Penas^{1,3}

¹Health Research Institute Of Santiago De Compostela , Santiago De Compostela, Spain, ²University of Santiago de Compostela, Santiago De Compostela, Spain, ³CIBER-CV ISCIII, Madrid, Spain, ⁴University Hospital of Santiago de Compostela, Santiago De Compostela, Spain

P32-Thu

The treatment with a soluble guanylate cyclase stimulator improves cardiac function and mitochondrial activity in an animal model of HFpEF

Xocas Vázquez-Abuín^{1,2}, Sandra Moraña-Fernández^{1,3}, Alana Aragón-Herrera^{1,2}, Peter Sandner⁴, Karen Thomitzek⁵, Javier García-Seara^{1,2,7}, Susana B Bravo⁸, Manuel Otero-Santiago^{1,9}, Alexandre Rodrigues¹⁰, Alexandre Gonçalves¹⁰, Juliana Pereira Morais¹¹, Inês N Alves¹⁰, Cláudia Sousa-Mendes¹⁰, Inês Falcão-Pires¹⁰, Estefanía Tarazón^{2,12}, Esther Roselló-Lletí^{2,12}, Manuel Portolés^{2,12}, José Ramón González-Juanatey^{1,2,13}, Sandra Feijóo-Bandín^{1,2}, Francisca Lago^{1,2}

¹Cellular and Molecular Cardiology Research Unit, IDIS, Complejo Hospitalario Universitario de Santiago de Compostela, Área Sanitaria Santiago de Compostela e Barbanza (SERGAS), Santiago de Compostela, Spain, ²Centro de Investigación Biomédica en Red de Enfermedades Cardiovasculares (CIBERCV), Instituto de Salud Carlos III, Madrid, Spain, ³Center for Research in Molecular Medicine and Chronic Diseases (CIMUS), Universidade de Santiago de Compostela, IDIS, Complejo Hospitalario Universitario de Santiago de Compostela, Santiago de Compostela, Spain, ⁴Bayer AG, Pharmaceuticals, Cardiovascular & Renal Research, Wuppertal, Germany, ⁵Bayer AG, Pharmaceuticals, Medical Affairs Cardiovascular and Haematology, Berlin, Germany, ⁶Arrhythmia Unit, Cardiology Department, IDIS, Complejo Hospitalario Universitario de Santiago de Compostela, Área Sanitaria Santiago de Compostela e Barbanza (SERGAS), Santiago de Compostela, Spain, ⁷Department of Psychiatry, Radiology, Public Health, Nursing and Medicine, IDIS, Universidade de Santiago de Compostela, Santiago de Compostela, Spain, ⁸Proteomic Unit, Health Research Institute of Santiago de Compostela (IDIS), Santiago de Compostela, Spain, ⁹Clinical Biochemistry Laboratory, Área Sanitaria Santiago de Compostela e Barbanza (SERGAS), Santiago de Compostela, Spain, ¹⁰Cardiovascular R&D Centre - UnIC@RISE, Department of Surgery and Physiology, Faculty of Medicine, University of Porto, Porto, Portugal, ¹¹CINTESIS@RISE, NOVA Medical School|Faculdade de Ciências Médicas, NMS|FCM, Universidade Nova de Lisboa, UnIC@RISE - Cardiovascular Research Centre, Faculdade de Medicina, Universidade do Porto, Porto, Portugal, ¹²Cardiocirculatory Unit, Health Research Institute of La Fe University Hospital, Valencia, Spain, ¹³Cardiology Department, IDIS, Complejo Hospitalario Universitario de Santiago de Compostela, Área Sanitaria Santiago de Compostela e Barbanza (SERGAS), Santiago de Compostela, Spain

P33-Thu

The pattern of sodium-calcium exchanger (NCX1) protein expression in human saphenous vein of patients with/without type 2 diabetes mellitus

Milos Gostimirovic¹, Danijela Karanovic², Nevena Mihailovic-Stanojevic², Jovana Rajkovic¹, Ljiljana Gojkovic - Bukarica¹

¹Institute of pharmacology, clinical pharmacology and toxicology, Faculty of Medicine, University of Belgrade, 11000 Belgrade, Serbia, ²Institute for Medical Research, Department of Cardiovascular Physiology, National Institute of Republic of Serbia, University of Belgrade, Belgrade, Serbia

P34-Thu

Assessment of cardiovascular risk factors in pregnant women with gestational arterial hypertension

Dilrabo Haydarova¹, Gulbaxor Madjidova²

¹Samarkand State medical university, Samarkand, Uzbekistan, ²Samarkand State medical university, Samarkand, Узбекистан

P35-Thu

Seasonality and incidence of myocardial infarction

Dilrabo Haydarova¹, Gulbaxor Madjidova²

¹Samarkand State medical university, Samarkand, Uzbekistan, ²Samarkand State medical university, Samarkand, Узбекистан

P36-Thu

Clinical and angiographic comparisons in patients with ischemic heart disease
Gulbahor Madjidova, Dilangiz Nosirova

¹Samarkand State Medical University, Samarkand, Uzbekistan

Symposium 4 | Aging in Next-Gen Oncohematology

P37-Thu

Late-Onset Hepatocellular Carcinoma in HCV Patients Achieving SVR with Direct-Acting Antivirals: Inadequate Follow-Up or Underlying Risk Factors?

Alfredo Caturano^{1,2}, Alessandros Perrella³, Ilario de Sio⁴, Pasquale Bellopede³, Adelaide Maddaloni³, Luigi Maria Vitale⁴, Barbara Rinaldi⁵, Andrea Mormone², Antonio Izzi⁶, Costanza Sbreglia³, Francesca Futura Bernardi⁷, Ugo Trama⁷, Massimiliano Berretta⁸, Ferdinando Carlo Sasso², Raffaele Marfella², Caterina Conte^{1,9}, Leonilde Bonfrate¹, Luca Rinaldi¹⁰

¹Department of Human Sciences and Promotion of the Quality of Life, San Raffaele Roma Open University, Rome, Italy, ²Department of Advanced Medical and Surgical Sciences, University of Campania "Luigi Vanvitelli", Naples, Italy, ³VII Department of Infectious Disease and Immunology, Ospedali dei Colli, P.O. D. Cotugno, Naples, Italy, ⁴Department of Precision Medicine, Gastroenterology Unit, University of Campania "Luigi Vanvitelli", Naples, Italy, ⁵Department of Experimental Medicine, Section of Pharmacology, University of Campania "Luigi Vanvitelli", Naples, Italy, ⁶Department of Emergency Infectious Diseases and Infectious Diseases, Ospedali dei Colli, P.O. D. Cotugno, Naples, Italy, ⁷Regional Direction for Health Management, Pharmaceutical Unit, Naples, Italy, ⁸Department of Clinical and Experimental Medicine, University of Messina, Messina, Italy, ⁹Department of Endocrinology, Nutrition and Metabolic Diseases, IRCCS MultiMedica, Milan, Italy, ¹⁰Department of Medicine and Health Science, "V. Tiberio", Università degli Studi del Molise, Campobasso, Italy

P38-Thu

Comparative study of antibiotic regimens for lung abscess treatment

Akshith Choudhary¹, Sejal Patil¹, Riya Dhanwani¹, Zarina Abdullayeva¹

¹Samarkand State Medical University, Samarkand, Uzbekistan

P39-Thu

The Promising Antibacterial Efficacy of Mesenchymal Stromal Cell-Derived Secretome Against Urinary Tract Infections

Fatima Saleh¹, Miss Leen Ali, Elie Sokhn

¹Beirut Arab University, Beirut, Lebanon

P40-Thu

Metabolic and inflammatory signatures of PVAT in AAA: Implications for therapeutic targeting

Bakhromkhon Alyavi², Akbar Abdullaev², Jamol Uzokov², Guzal Karimdjanova¹, Nodrbek Kayumov², Djamshid Payziev², Diyora Kurmayeva³

¹Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, ²Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Tashkent, Uzbekistan, ³Center for the development of advanced technologies, Tashkent, Uzbekistan

P41-Thu

Molecular profiling of perivascular brown adipose tissue in AAA: Protective mechanisms against aneurysm formation

Nizom Latipov¹, Akbar Abdullaev¹, Nodrbek Kayumov¹, Jamol Uzokov¹, Djamshid Payziev¹, Diyora Kurmaeva²

¹Republican Specialized Scientific Practical Medical Center Of Therapy And Medical Rehabilitation, Tashkent, Uzbekistan, ²Center for Advanced Technologies, Tashkent, Uzbekistan

P42-Thu

Effectiveness of oral nutritional supplementation in patients at risk of malnutrition: a real-world retrospective analysis

Elena Formisano^{1,2}, Elisa Proietti¹, Valeria Maria Barreto Spandonari¹, Livia Pisciotto^{1,2}

¹University Of Genoa, Genoa, Italy, ²Dietetics and Clinical Nutrition Unit, IRCCS Policlinic Hospital San Martino, Genoa,

P43-Thu

Phenylketonuria and its treatment with EX VIVO gene therapy

Akshit Choudhary¹, Zarina Abdurashidovna, Sejal Patil, Riya Dhanwani, Lavanya Sachdeva¹Samarkand State Medical University, Samarkand, Uzbekistan

P44-Thu

Aggregate Variant Allele Frequency Variations as a Prognostic Factor in First-line Metastatic Colorectal Cancer Patients: results from PLATFORM-B trial

Valentino Martelli^{1,2,7}, Joana Vidal¹, Concepción Fernández-Rodríguez³, Joan Gibert³, Jenniffer Lissethe Linares Aceituno¹, Annarita Sibilio¹, Beatriz Bellosillo³, Enrique Aranda⁴, Josep Tabernero⁵, Ramon Salazar⁶, Clara Montagut¹¹Medical Oncology Department, Hospital del Mar Research Institute, Universitat Pompeu Fabra, CIBERONC, Barcelona, Spain, ²Department of Internal Medicine and Medical Specialties (DiMI), School of Medicine, University of Genoa, Genoa, Italy, ³Pathology Department, Hospital del Mar, Hospital del Mar Research Institute, Universitat Pompeu Fabra, CIBERONC, Barcelona, Spain, ⁴Medical Oncology Department, IMIBIC, Reina Sofía Hospital, University of Cordoba, CIBERONC, Cordoba, Spain, ⁵Medical Oncology Department, Vall d'Hebron Barcelona Hospital Campus, Vall d'Hebron Institute of Oncology (VHIO), Barcelona, Spain, ⁶Medical Oncology Department, Catalan Institute of Oncology (ICO), Bellvitge Biomedical Research Institute (IDIBELL)-CIBERONC, Barcelona, Spain, ⁷Medical Oncology Department, IRCCS Ospedale Policlinico San Martino, Genoa, Italy

P45-Thu

New Therapeutic Strategies in Glioblastoma: Combination of Guadecitabine and Anti-CTLA-4 and PD-1 Antibodies in a syngeneic model

Valentina Rigo¹, Roberta Resaz¹, Tiziana Altosole¹, Daniela Fenoglio^{1,2}, Cecilia Profumo², Chiara Razzetta¹, Michele Piana², Mariangela Petito², Daniela Marubbi², Irene Appolloni², Paolo Malatesta^{1,2}, Ulrich Pfeffer¹, Michela Croce¹¹Ospedale Policlinico San Martino, Genova, Italy, GE, Italy, ²University of Genova, Genova, Italy

P46-Thu

Prognostic Value of Soluble PD-L1 and TIM3 in Metastatic NSCLC Patients Undergoing First-Line Immune Checkpoint Inhibitor Therapy

Sara Santamaria¹, Silvia Marconi², Rebecca Schiavi², Alessandra Rosa³, Michela Croce⁴, Carlo Genova^{1,5}, Giovanni Rossi², Linda Zinoli¹, Giulia Barletta², Chiara Dellepiane², Marco Tagliamento^{1,5}, Lucia Del Mastro¹, Simona Coco²¹U.O. Clinica di Oncologia Medica, IRCCS Ospedale Policlinico San Martino, Genova, Italy, ²UO Oncologia Medica 2, IRCCS Ospedale Policlinico San Martino, Genova, Italy, ³U.O. Epidemiologia Clinica, IRCCS Ospedale Policlinico San Martino, Genova, Italy, ⁴U.O.C. Bioterapie, IRCCS Ospedale Policlinico San Martino, Genova, Italy, ⁵Dipartimento di Medicina Interna e Specialità Mediche (DiMI) Università degli Studi di Genova, Genova, Italy

P47-Thu

Myxofibrosarcoma: a multi-target approach for new therapies' development

Cecilia Profumo^{1,2}, Valentina Rigo¹, Massimiliano Grassi³, Danila Comandini³, Matteo Mascherini⁴, Antonio Guadagno⁵, Amin Hasanzadeh⁶, Paola Monti⁷, Yari Ciribilli⁸, Alessandra Bisio⁸, Santina Bruzzzone², Alessandro De Vita⁹, Silvia Vanni⁹, Michela Croce¹¹Biotherapies Unit, IRCCS Ospedale Policlinico San Martino, Genova, Italy, ²Department of Experimental Medicine (DiMeS), University of Genova, Genova, Italy, ³Medical Oncology Unit 1 (UO Oncologia Medica 1), IRCCS Ospedale Policlinico San Martino, Genova, Italy, ⁴Surgical clinic Unit 1 (UO Clinica Chirurgica 1), IRCCS Ospedale Policlinico San Martino, Genova, Italy, ⁵Hospital pathological Anatomy (Anatomia patologica ospedaliera), IRCCS Ospedale Policlinico San Martino, Genova, Italy, ⁶Regulation of gene expression, IRCCS Ospedale Policlinico San Martino, Genova, Italy, ⁷Neuro-oncology and Mutagenesis, IRCCS Ospedale Policlinico San Martino, Genova, Italy, ⁸Department of Cellular, Computational and Integrative Biology (CIBIO), University of Trento, Trento, Italy, ⁹Preclinic and Osteoncology Unit, Biosciences Laboratory, IRCCS Ist. Romagnolo per lo Studio dei Tumori (IRST) "Dino Amadori", Meldola, Italy

P48-Thu

miRNA signature differentiating between Grade 1 and Grade 2 meningiomas

Alessandro Pesaresi^{1,2,3}, Simona Coco⁴, Pietro Fiaschi^{3,5}, Monica Truffelli³, Silvia Marconi⁴, Giovanna Chiorino⁶, Andrea Bianconi^{3,5}, Paolo Nozza⁷, Gabriele Gaggero⁸, Massimiliano Grassi⁹, Debora Giunti^{5,10}, Mariella Dono¹¹

¹Department of Neuroscience "Rita Levi Montalcini", University of Turin, Turin, Italy,

²Neurosurgery Unit, AOU Città della Salute e della Scienza, Turin, Italy, ³Neurosurgery Unit, IRCCS Ospedale Policlinico San Martino, Genoa, Italy, ⁴Medical Oncology Unit 2, IRCCS Ospedale Policlinico San Martino, Genoa, Italy, ⁵Department of Neurosciences, Rehabilitation, Ophthalmology, Genetics, Maternal and Child Health (DI-NOGMI), University of Genoa, Genoa, Italy, ⁶Laboratory of Cancer Genomics, Fondazione Edo Ed Elvo Tempia, Biella, Italy, ⁷Pathology Unit, IRCCS Ospedale Policlinico San Martino, Genoa, Italy, ⁸Pathology Unit, IRCCS Giannina Gaslini Institute, Genoa, Italy, ⁹Medical Oncology Unit 1, IRCCS Ospedale Policlinico San Martino, Genoa, Italy, ¹⁰IRCCS Ospedale Policlinico San Martino, Genoa, Italy, ¹¹Molecular Diagnostic-Pathology Unit, IRCCS Ospedale Policlinico San Martino, Genoa, Italy

P49-Thu

Alternatives to iodine contrast dye in angioplasty and angiography for patients with chronic kidney disease

Athithi Kumara Velayutham¹, Muzaffar Annaev², Rano Abdumuminova¹, Shavkat Mukhitdinov¹

¹Samarkand State Medical University, Samarkand, Uzbekistan, ²Kimyo international university in Tashkent, Samarkand, Uzbekistan

P50-Thu

The antioxidant and anti-inflammatory effect of Clear Tomato Concentrate in murine macrophages.

Rachel Levy¹

¹Ben-gurion University of The Negev, Beer-sheva, Israel

P51-Thu

Genomic test aiming to identify actionable mutations in hormon receptor-negative/HER2-positive or triple-negative breast cancer – The NEOGENE trial update

Alice Stella¹, Barbara Cardinali¹, Giulia Buzzatti¹, Chiara Dellepiane¹, Diletta Favero¹, Francesca Poggio¹, Patrizia Piccoli¹, Andrea Sciotto¹, Fabio Corsi², Francesco Giotto³, Maria Morriti⁴, Patrizia Vici⁵, Paola Malaguti⁶, Francesco Cognetti⁶, Andrea Rocca⁷, Ugo De Giorgi⁷, Rosalba Torrisi⁸, Monica Zuradelli⁸, Rita De Sanctis⁸, Valentina Guarnieri⁹, Alice Menichetti⁹, Michelino De Laurentiis¹⁰, Secondo Folli¹¹, Elisa Ferraris¹², Marco Colleoni¹³, Filippo Montenuro¹⁵, Chiara Molinelli¹, Benedetta Conte¹, Claudia Bighin¹, Serena Di Cosimo¹¹, Fabio Puglisi¹⁴, Lucia Del Mastro¹

¹UOC Clinica di Oncologia Medica, IRCCS Ospedale Policlinico San Martino, Genova, Italy,

²Chirurgia Generale indirizzo Senologico, Istituti Clinici Scientifici Maugeri IRCCS, Pavia, Italy,

³Oncologia Medica, IRCCS-Ist. Tumori "Giovanni Paolo II", Bari, Italy, ⁴U.O.C. Oncologia, IRCCS Ospedale Casa Sollievo della Sofferenza, S. G. Rotondo, Italy, ⁵U.O.C. Oncologia Medica 2, IRCCS Ist. Nazionale Tumori Regina Elena, Roma, Italy, ⁶U.O.C. Oncologia Medica 1, IRCCS Ist. Nazionale Tumori Regina Elena, Roma, Italy, ⁷Oncologia Medica, IRCCS_IRST Ist. Romagnolo Studio e Cura Tumori, Meldola, Italy, ⁸Oncologia Medica ed Ematologia, Ist. Clinico Humanitas, Rozzano, Italy,

⁹Oncologia Medica 2, Ist. Oncologico Veneto, Padova, Italy, ¹⁰U.O.C. Oncologia Medica Senologica, Ist. Nazionale Tumori IRCCS Fondazione Pascale, Napoli, Italy, ¹¹S.C. Chirurgia Generale Indirizzo Oncologia 3, Fondazione IRCCS Ist. Nazionale dei Tumori, Milano, Italy, ¹²UOC Oncologia Medica, Fondazione IRCCS Policlinico San Matteo, Pavia, Italy, ¹³Divisione di Senologia Medica, Ist. Europeo di Oncologia, Milano, Italy, ¹⁴Clinical Oncology - Oncologia B, Centro di Riferimento Oncologico IRCCS, Aviano, Italy, ¹⁵FPO Ist. di Candiolo (IRCCS), Candiolo, Italy

P53-Thu

Nicotinic acid starvation sensitizes NAPRT-expressing tumors to NAMPT inhibition

Moustafa Ghanem¹, Andrea Benzi¹, Nadia Bertola², Silvia Ravera¹, Axel Bellotti³, Fiammetta Monacelli^{1,2}, Michele Cea^{1,2}, Michel Duchosal³, Roberto Benelli², Amr Khalifa¹, Ana Guijarro¹, Francesco Piacente¹, Santina Bruzzzone¹, Aimable Nahimana³, Irene Caffa^{1,2}, Alessio Nencioni^{1,2}

¹Università degli Studi di Genova, Genova, Italy, ²Ospedale Policlinico San Martino IRCCS, Genova, Italy, ³University Hospital of Lausanne, Lausanne, Switzerland

P54-Thu

Cardiovascular Complications in Patients with COVID-19 and Coronary Artery Disease: Clinical and Genetic Insights

Gulnora Abdieva¹

¹Samarkand State Medical University, Samarkand, Uzbekistan

P56-Thu

Human Plasma as a physiologic supplement for mesenchymal stem cell cultures

Alessia Repetto¹, Anita Muraglia¹, Ranieri Cancedda, Gilberto Filaci, Maddale Mastrogiacomo

¹University of Genova, Genova, Italy

P57-Thu

Hyperthermic intraperitoneal chemotherapy (HIPEC) in peritoneal carcinomatosis from advanced epithelial ovarian/tubal cancer underwent cytoreductive surgery (CRS): A single center experience.

Letizia Laera¹, Vito Carone¹, Luca Leone¹, Antonella Cristofano¹, Ferdinando Murgia¹, Valentina Minicucci¹, Angela Milano¹, Maria De Bellis¹, Andrea Madaro¹, Alessia Surgo^{1,2}, Alba Fiorentino^{1,2}, Valentina Fuoco¹, Isabella Bruno¹, Francesca Romana Longo¹, Luciana Scuccimarri¹, Michele Troia¹, Michele Forte¹, Roberto Calbi¹, Giammarco Surico¹, Francesco Legge^{1,2}

¹Ente Ecclesiastico Miulli, Acquaviva Delle Fonti BA, Italy, ²LUM Libera Università del Mediterraneo, Casamassima BA, Italy

Symposium 5 | The Intersection of Aging and Rheumatology

P58-Thu

Adhesive small bowel obstruction caused by Familial Mediterranean Fever

Hasmik Sargsyan, Karine Mirzabekyan, Sergey Babloyan, Ashot Sarkissian, Poghos Geyikyan

¹YSMU, Arabkir MC - ICAH, Yerevan, Armenia

P59-Thu

Genetic Spectrum of MEFV Variants in Italian Patients with Familial Mediterranean Fever (FMF): More to Study

Vita Giordano¹, Nour Jaber¹, Mohamad Khalil¹, Agostino Di Ciaula¹, Alessandro Stella², Piero Portincasa¹

¹Clinica Medica "A. Murri", Department of Precision and Regenerative Medicine and Ionian Area (DiMePre-J), University of Bari Aldo Moro, Bari, Italy. , , Italy, ²Medical Genetics Unit, Department of Precision and Regenerative Medicine and Ionian Area (DiMePre-J), University of Bari Aldo Moro, Bari, Italy, , Italy

P60-Thu

Hyperbilirubinemia in Familial Mediterranean Fever: manifestation and genetic profile

Hasmik Sargsyan

¹Arabkir MC - ICAH, Yerevan, Armenia

Symposium 1 | Mitochondria: physiology and pathology

P63-Thu

Analysis of muscle mitochondrial health in the early phase of obesity-induced insulin resistance in mice

Agustina Creus^{1,2}, Leonardo A. Ortega Rivas^{1,2}, Shrestha Mohapatra^{1,2}, Ana Corral^{1,2}, Siyu Li^{1,2}, Romaisa Tafat^{1,2}, María del Mar Romero^{1,2,3}, Marijana Todorovic^{1,2,3}, Laura Herrero^{1,2,3}, David Sabastián^{1,2,4}

¹School of Pharmacy and Food Sciences, University of Barcelona, Barcelona, Spain, ²Institute of Biomedicine of the University of Barcelona (IBUB), Barcelona, Spain, ³CIBER de Fisiopatología de la Obesidad y Nutrición, Instituto de Salud Carlos III, , Spain, ⁴CIBER de Diabetes y Enfermedades Metabólicas Asociadas, Instituto de Salud Carlos III, , Spain

P64-Thu

The role of oxidative stress in colistin-induced acute kidney injury

Francesca De Luca¹, Sophia L. Samodelov¹, Michele Visentin¹

¹University Hospital Zurich, Schlieren, Switzerland

P65-Thu

Role of the ABA-LANCL1/2 hormone/receptors system in heat production in rat cardiomyocytes

Jose Gonzalez Urra¹, Giovanni Zocchi², Flavio Fontanelli¹, Sonia Spinelli³, Laura Sturla¹, Mario Passalacqua¹, Simona Delsante¹, Elena Zocchi¹

¹University of Genoa, Genoa, Italy, ²University of California, Los Angeles, United States, ³Ist. Giannina Gaslini, Genoa, Italy

P66-Thu

Autophagy-related proteomic imbalance in the NBIA-MPAN subtype

Barbara Pakula¹, Agata Wydrych¹, Patrycja Jakubek-Olszewska¹, Magdalena Lebieczińska-Arciszewska¹, Justyna Janikiewicz², Aneta Dobosz², Marta Skowrońska³, Iwona Kurkowska-Jastrzębska³, Agnieszka Dobrzyń², Mariusz Wieckowski¹

¹Laboratory of Mitochondrial Biology and Metabolism, Nencki Institute of Experimental Biology PAS, Warsaw, Poland, ²Laboratory of Cell Signaling and Metabolic Disorders, Nencki Institute of Experimental Biology PAS, Warsaw, Poland, ³2nd Department of Neurology, Institute of Psychiatry and Neurology, Warsaw, Poland

P67-Thu

miR-29a-3p modulates mitochondrial metabolism, redox state, and genome stability in cellular models of Fanconi Anemia

Matilde Balbi¹, Nadia Bertola², Stefano Regis³, Fabio Corsolini³, Vanessa Cossu^{1,2}, Carlo Dufour³, Enrico Cappelli³, Silvia Ravera^{1,2}

¹Dept. of Experimental Medicine, University of Genoa, Genova, Italy, ²IRCCS- Ospedale Policlinico San Martino, Genova, Italy, ³IRCCS-Ospedale Pediatrico Giannina Gaslini, Genova, Italy

P68-Thu

Fatty acid oxidation as an alternative energy source sustaining human sperm motility

Bárbara Guerra-Carvalho^{1,2,3}, David F. Carrageta^{1,2}, Eva V. Gonçalves¹, Isabel Damião⁴, Sara Oliveira⁴, Inês Tavares⁴, Pedro Domingues³, Luísa Azevedo^{1,2}, Raquel L. Bernardino^{1,2}

¹UMIB – Unit for Multidisciplinary Research in Biomedicine, ICBAS – School of Medical and Biomedical Sciences, University of Porto, Porto, Portugal, ²ITR – Laboratory for Integrative and Translational Research in Population Health, Porto, Portugal, ³LAQV-REQUIMTE, Department of Chemistry, University of Aveiro, Aveiro, Portugal, ⁴CEIE – Centro de Estudos de Infertilidade e Esterilidade, , Portugal

P69-Thu

Mitochondrial Dysfunction and Excessive Fission Drive Premature Aging Phenotype in Childhood Cancer Survivors: Insights into Long-Term Complications of Chemo/radio Therapy.

Matilde Balbi¹, Nadia Bertola², Vanessa Cossu^{1,2}, Chiara Fresia³, Federica Sabatini³, Silvia Ravera^{1,2}

¹Experimental medicine Dep.t, University of Genoa, Genova, Italy, ²IRCCS Policlinico San Martino, Genova, Italy, ³IRCCS Ospedale Pediatrico Gianni Gaslini, Genova, Italy

P70-Thu

The ABA/LANCL1-2 hormone/receptors system controls cardiomyocyte mitochondrial function and ROS metabolism in cardiomyocytes through ERRα

Bujar Caushi¹, Sonia Spinelli², Mario Passalacqua¹, Mirko Magnone¹, Naomi Scarano³, Elena Cichero³, Luisa Iamele⁴, Hugo de Jonge⁴, Claudia Scotti⁴, Elena Zocchi¹, Laura Sturla¹

¹Department of Experimental Medicine, University of Genova, Genova, Italy, ²Laboratory on Molecular Nephrology, IRCCS Ist. Giannina Gaslini, Genova, Italy, ³Department of Pharmacy, Section of Medicinal Chemistry, School of Medical and Pharmaceutical Sciences, University of Genova, Genova, Italy, ⁴Department of Molecular Medicine, Immunology and General Pathology Unit, University of Pavia, Pavia, Italy

P71-Thu

Age-Related Bioenergetic and Transcriptomic Shifts in Urine-Derived Stem Cells from Women

Elisabete Ferreira^{1,2}, Mariana Monteiro³, Francisco Pereira³, Cristina Barroso^{1,2,4}, Conceição Egas^{1,2}, Paula Macedo⁵, Jorge Valero^{6,7,8}, Vilma Sardão⁹, Paulo Oliveira^{1,2}

¹Center for Neuroscience and Cell Biology, University of Coimbra, Coimbra, Portugal, ²Center for Innovative Biomedicine and Biotechnology (CiBB), University of Coimbra, , Portugal, ³Polytechnic Institute of Coimbra, Coimbra Institute of Engineering, Coimbra, Portugal, ⁴Biocant – Transfer Technology Association, BiocantPark, Cantanhede, Portugal, ⁵CEDOC—Chronic Diseases Research Center, NOVA Medical School, NOVA University of Lisbon, Lisbon, Portugal, ⁶Instituto de Neurociencias de Castilla y Leon, University of Salamanca, Salamanca, Spain, ⁷Institute of Biomedical Research of Salamanca (IBSAL), Salamanca, Spain, ⁸Department of Cell Biology and Pathology, University of Salamanca, Salamanca, Spain, ⁹Multidisciplinary Institute of Aging (MIA-Portugal), University of Coimbra, Coimbra, Portugal

P72-Thu

Steady laminar flow triggers endothelial nitric oxide synthase activation and decreases OXPHOS complexes' subunits expression in neonatal endothelial progenitor cells

Mariana S. Diniz^{1,2,3,4,5}, Hanna Allerkamp¹, Elisa Weiss^{1,2}, Susana P. Pereira^{3,4,6,7,8}, Paulo J. Oliveira^{3,4}, Ursula Hiden^{1,2}

¹Perinatal Research Laboratory, Department of Obstetrics and Gynaecology, Medical University of Graz, Graz, Austria, ²Research Unit Early Life Determinants (ELiD), Medical University of Graz, Graz, Austria, ³CNC-UC - Center for Neuroscience and Cell Biology, University of Coimbra, Coimbra, Portugal, ⁴CiBB - Centre for Innovative Biomedicine and Biotechnology, University of Coimbra, Coimbra, Portugal, ⁵University of Coimbra, Institute for Interdisciplinary Research, PDBEB - Doctoral Programme in Experimental Biology and Biomedicine, Coimbra, Portugal, ⁶Laboratory of Metabolism and Exercise (LaMetEx), Research Centre in Physical Activity, Health and Leisure (CIAFEL), Laboratory for Integrative and Translational Research in Population Health (ITR), Faculty of Sports, University of Porto, Porto, Portugal, ⁷UCiBIO, Applied Molecular Biosciences Unit, Department of Chemistry, NOVA School of Science and Technology, Universidade Nova de Lisboa, 2829-516 Caparica, Portugal, ⁸Associate Laboratory i4HB-Institute for Health and Bioeconomy, Faculdade de Ciências e Tecnologia, Universidade NOVA de Lisboa, 2829-516 Caparica, Portugal

P73-Thu

Genetic screening for Leber's Hereditary Optic Neuropathy (LHON) at LBioMiT - Three decades of research

MJ Santos^{1,2,3}, Sara Martins^{2,3,4}, Marta Simões^{2,3,5}, Célia A. Gomes^{2,3,5,6}, Pedro Fonseca^{1,7}, Luísa Diogo^{1,2,7,8}, Sara Lopes Ferreira^{1,7,8}, MC Macário^{1,2,7,8}, João Durães^{1,2,7,8}, João Lemos^{1,2,7}, Manuela Grazina^{1,2,3}

¹FMUC - Faculty of Medicine, University of Coimbra, Coimbra, Portugal, ²CIBB - Center for Innovative Biomedicine and Biotechnology, University of Coimbra, Coimbra, Portugal, ³Laboratory of Mitochondrial Biomedicine and Theranostics (LBioMiT), CNC-UC - Center for Neuroscience and Cell Biology, University of Coimbra, Coimbra, Portugal, ⁴University of Coimbra, Institute for Interdisciplinary Research, Doctoral Programme in Experimental Biology and Biomedicine (PDBEB), Coimbra, Portugal, ⁵FCTUC – Faculty of Science and Technology, University of Coimbra, Coimbra, Portugal, ⁶ESTeSC - Coimbra Health School, Polytechnic Institute of Coimbra, Coimbra, Portugal, ⁷Unidade Local de Saúde de Coimbra (ULS Coimbra), Coimbra, Portugal, ⁸Centro de Referência de Doenças Hereditárias do Metabolismo – CHUC, MetabERN, Coimbra, Portugal

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

P75-Thu

Prognostic role of adiponectin for the development of insulin resistance in patients with metabolic syndrome

Charrazkhon Minovarova¹, Gulchehra Atakhodjaeva¹, Jamol Uzokov²

¹Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, ²Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Tashkent, Uzbekistan

P76-Thu

Prognostic roles of leptin-signaling proteins and resistin in patients with metabolic syndrome

Charrazkhon Minovarova¹, Jamol Uzokov², Gulchehra Atakhodjaeva¹

¹Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, ²Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Tashkent, Uzbekistan

P77-Thu

Transformation of perivascular adipose tissue and its influence on vascular cell phenotype: mechanistic insights into AAA progression

Nodrbek Kayumov¹, Jamol Uzokov², Akbar Abdullaev², Daler Orziev², Djamshid Payziev¹, Diyora Kurmaeva³

¹Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, ²Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Tashkent, Uzbekistan, ³Center for the development of advanced technologies, Tashkent, Uzbekistan

P78-Thu

Deep learning in abdominal aortic aneurysm diagnosis: Automated PVAT segmentation and morphological risk prediction

Djamshid Payziev¹, Jamol Uzokov², Bakhromkhon Alyavi², Akbar Abdullaev², Nodrbek Kayumov²

¹Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, ²Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Tashkent, Uzbekistan

P80-Thu

One Anastomosis Mini-Gastric Bypass Decreases Desacyl Ghrelin and Improves Metabolic Profile in Rats with Diet-Induced Obesity

Carlota Tuero¹, Amaia Rodríguez², Beatriz Ramírez², Victoria Catalán², Javier A. Cienfuegos³, Javier Gómez-Ambrosi², María A. Burrell⁴, Víctor Valentí⁵, Rafael Moncada⁶, Gema Frühbeck⁷, Sara Becerri²

¹Obesity Area, Clínica Universidad de Navarra; Department of Surgery, Cancer Center Clínica Universidad de Navarra, Pamplona, Spain. ²Metabolic Research Laboratory, Department of Endocrinology & Nutrition Cancer Center Clínica Universidad de Navarra_CIBEROBN_ IdiSNA,

³Department of Surgery, Cancer Center Clínica Universidad de Navarra_CIBEROBN,

⁴Department of Pathology, Anatomy and Physiology, Universidad de Navarra_ CIBEROBN_ IdiSNA, ⁵Obesity Area, Clínica Universidad de Navarra; Department of Surgery, Cancer Center Clínica Universidad de Navarra_CIBEROBN, ⁶Obesity Area, Clínica Universidad de Navarra; Department of Anaesthesia, Cancer Center Clínica Universidad de Navarra_CIBEROBN.

⁷Obesity Area; Metabolic Research Laboratory, Department of Endocrinology & Nutrition Cancer Center Clínica Universidad de Navarra_CIBEROBN_ IdiSNA

P81-Thu

Umbilical cord-derived mesenchymal stem cells from gestational diabetes pregnancies exhibit increased sensitivity to oxidative stress inducer menadione

Carolina Tocantins^{1,2,3,4,5}, Gabriele Jäger^{1,2}, Nilüfer Kamali-Simsek¹, Paulo J. Oliveira^{3,4}, Ursula Hiden^{1,2}, Susana P. Pereira^{3,4,6,7,8}

¹Perinatal Research Laboratory, Department of Obstetrics and Gynaecology, Medical University of Graz, Auenbruggerplatz 14, 8036 Graz, Austria, ²Research Unit Early Life Determinants (ELiD), Medical University of Graz, Auenbruggerplatz 14, 8036 Graz, Austria, ³CNC-UC - Center for Neuroscience and Cell Biology, University of Coimbra, Rua Larga, 3004-504 Coimbra, Portugal, ⁴CIBB - Centre for Innovative Biomedicine and Biotechnology, University of Coimbra, 3004-504 Coimbra, Portugal, ⁵University of Coimbra, Institute for Interdisciplinary Research (IIIUC), Doctoral Programme in Experimental Biology and Biomedicine (PDBEB), 3004-531 Coimbra, Portugal, ⁶Laboratory of Metabolism and Exercise (LaMetEx), Research Centre in Physical Activity, Health and Leisure (CIAFEL), Laboratory for Integrative and Translational Research in Population Health (ITR), Faculty of Sports, University of Porto, 4200-450 Porto, Portugal, ⁷UCIBIO, Applied Molecular Biosciences Unit, Department of Chemistry, NOVA School of Science and Technology, Universidade Nova de Lisboa, 2829-516 Caparica, Portugal,

⁸Associate Laboratory i4HB-Institute for Health and Bioeconomy, Faculdade de Ciências e Tecnologia, Universidade NOVA de Lisboa, 2829-516 Caparica, Portugal

P82-Thu

CTA-based AI-driven prediction models for AAA progression: integrating PVAT morphology and fat attenuation index measurement

Akbar Abdullaev², Sevara Pulatova¹, Jamol Uzokov², Yorkin Rasulov²

¹Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, ²Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Tashkent, Uzbekistan

P83-Thu

Course of post-COVID syndrome in patients with gastrointestinal disease

Sevara Pulatova¹, Guzai Sobirova³, Jamol Uzokov², Adibakhon Usmanhodjaeva³

¹Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, ²Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Tashkent, Uzbekistan,

³Tashkent Medical Academy, Tashkent, Uzbekistan

P84-Thu

Near-Infrared fluorescence cholangiography using indocyanine green in laparoscopic cholecystectomy; a meta-analysis of visualization rates and complications

Mohamed Hamouda Elkasaby¹, Ahmed Elshahat¹, Omar Elkoumy²

¹Fac. of Medicine, Al-Azhar Univ., Cairo, Egypt, ²Fac. of Medicine, Suez Univ., Suez, Egypt

Poster session Friday, May 23

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

P01-Fri

The effectiveness of non-drug weight loss correction methods in overweight and obese women.

Sabokhat Tuychieva¹, Eleonora Tashkenbayeva²

¹Samarkand State Medical University, Samarkand, Uzbekistan, ²Samarkand State Medical University, Samarkand, Узбекистан

P02-Fri

Perivascular fat attenuation as a biomarker for AAA: Insights from CTA image analysis and machine learning models

Omina Mukhitdinova¹, Narina Raimkulova¹, Bakhromkhon Alyavi², Jamol Uzokov², Akbar Abdullaev², Manzura Uzokova⁴, Diyora Kurmayeva³

¹Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, ²Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Tashkent, Uzbekistan, ³Center for the development of advanced technologies, Tashkent, Uzbekistan, ⁴Tashkent Medical Academy, Tashkent, Uzbekistan

P03-Fri

Course of post-COVID syndrome in patients with coronary artery disease

Omina Mukhitdinova¹, Narina Raimkulova¹, Manzura Uzokova², Guzal Sobirova²

¹Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan, ²Tashkent Medical Academy, Tashkent, Uzbekistan

P04-Fri

Therapeutic potential of NIL10 in preventing atheroma plaque formation

Beatriz Jiménez Guirado², Laura Tesoro², Ignacio Hernández^{1,2}, Javier Díez-Mata², Nunzio Alcharani², Claudia González-Cucharero¹, Marta Saura³, Jose Luis Zamorano¹, Carlos Zaragoza^{1,2}

¹Ramon y Cajal Hospital, Madrid, España, ²Francisco de Vitoria University, Pozuelo de Alarcón, Spain, ³Alcalá University, Alcalá de Henares, Spain

P05-Fri

Deciphering light chain-induced cardiotoxicity in AL amyloidosis in vitro and in vivo.

Panagiota Efstathia Nikolaou^{1,2}, Angelina Choustoulaki¹, Anastasios Georgoulis¹, Aimilia Varela³, Christine-Ivy Liacos², Asimina Papanikolaou⁴, Julie Courraud⁵, George Baltatzis⁶, Constantinos Davos H.³, Manousos Makridakis⁷, Antonia Vlachou⁷, Constantinos Vorgias E.⁸, Evangelos Terpos², Meletios Athanasios Dimopoulos², Efstathios Kastritis², Ioanna Andreadou⁺¹

¹Laboratory of Pharmacology, Department of Pharmacy, National and Kapodistrian University of Athens, Athens, Greece, ²Department of Clinical Therapeutics, Medical School, National Kapodistrian University of Athens, Athens, Greece, ³Cardiovascular Research Laboratory, Clinical, Experimental Surgery & Translational Research Center, Biomedical Research Foundation Academy of Athens, Athens, Greece, ⁴Hematopathology Department of Evagelismos Hospital, National & Kapodistrian University of Athens, Athens, Greece, ⁵Laboratory of Analytical Chemistry, Department of Chemistry, National and Kapodistrian University of Athens, Athens, Greece, ⁶1st Department of Pathology, Medical School, National and Kapodistrian University of Athens, Athens, Greece, ⁷Laboratory of Biotechnology, Academy of Athens Biomedical Research Foundation, Athens, Greece, ⁸Research Institute of Biotechnology, Circular Bioeconomy and Sustainable development, National & Kapodistrian University of Athens, Athens, Greece, Athens, Greece

P06-Fri

Circulating exosomes indicators of high scar in patients with atrial fibrillation: Role on fibrosis

Saja Al-rubaye^{1,2,4}, Xiaoran Fu^{1,2,4}, Teba Gonzalez Ferrero^{1,4}, Javier García-Seara^{1,4}, Jose Ramon Gonzalez-Juanatey^{1,4}, Moises Rodríguez-Manero^{1,4}, Sonia Eiras^{1,2,3,4}

¹Traslational Cardiology, , Santiago De Compostela, Spain, ²IDIS, santiago de compostela , Spain, ³CIBERCV, madrid , Spain , ⁴Clinical Hospital of Santiago de Compostela, Santiago de compostela , Spain

P07-Fri

Temporal Window of Integration during Early Sharp Waves in the CA1 hippocampus of neonatal rats

Roustem Khazipov^{1,2,3}, Daria Vinokurova³, M.Sci. Azat Gainutdinov^{1,2}, M.Sci. Dmitriy Shipkov³, Guzel Valeeva³

¹INSERM, Marseille, France, ²Aix-Marseille University, Marseille, France, ³Kazan Federal University, Kazan, Russia

P08-Fri

Pharmacological analysis of the spectral power slope

Roustem Khazipov^{1,2,3}, Dmitrii Shipkov³, Guzel Valeeva³, Azat Nasretudinov³

¹INSERM, Marseille, France, ²Aix-Marseille University, Marseille, France, ³Kazan Federal University, Kazan, Russia

P09-Fri

Spectral Slopes for Electrode Localization in Multichannel Local Field Potential Recordings

Roustem Khazipov^{1,2,3}, Dmitrii Shipkov³, Bulat Mingazov³, Daria Vinokurova³, Karina

Tukhvatullina³, Guzel Valeeva³, Azat Nasretudinov³

¹INSERM, Marseille, France, ²Aix-Marseille University, Marseille, France, ³Kazan Federal University, Kazan, Russia

P10-Fri

Atherosclerotic plaque stability: the role of zinc alpha 2-glycoprotein

Amedeo Tirandi^{1,2}, Federico Carbone^{2,3}, Aldo Bonaventura⁴, Maria Bertolotto², Silvia Minetti^{2,3}, Simon Kraler^{1,5}, Giovanni G Camici^{1,6}, Fabrizio Montecucco^{2,3}, Luca Liberale^{2,3}

¹Center for Molecular Cardiology, University of Zurich, Schlieren, Switzerland, ²First Clinic of Internal Medicine, Department of Internal Medicine, University of Genoa, Genoa, Italy, ³IRCCS Ospedale Policlinico San Martino Genoa-Italian Cardiovascular Network, Genoa, Italy, ⁴Medicina Generale 1, Medical Center, Ospedale di Circolo e Fondazione Macchi, ASST Sette Laghi, Varese, Italy, ⁵Department of Internal Medicine and Cardiology, Cantonal Hospital Baden, Baden, Switzerland, ⁶Department of Research and Education, University Hospital Zurich, Zurich, Switzerland

P11-Fri

Venous thromboembolism risk associated with MIDLINE catheters and Peripherally Inserted Central catheters, a systematic review and meta-analysis.

Davide Santagata¹, Francesco Subri¹, Igor Giarretta²

¹Department of medicine and surgery, University of Insubria, Varese, Italy, ²Department of Emergency of High-Specialty and Medical Center, ASST-Settelaghi, Varese, Italy

P12-Fri

Extracellular vesicles from human amniotic fluid-progenitor cells as potential therapeutics against cardiac fibrosis

Giorgia Damonte¹, Laura Guerricchio¹, Ambra Costa², Pietro Ameri², Sveva Bollini^{1,2}

¹University of Genova, Genova, Italy, ²IRCCS Ospedale Policlinico San Martino, Genova, Italy

P13-Fri

Superiority of intravenous statin during STEMI over oral loading: a CMR preclinical cardioprotection study

Sergi Otero, Monika Aržanauskaitė¹, Soumaya Ben-Aicha³, Guiomar Mendieta⁴, Manuel Gutiérrez¹, Pablo Sutelman¹, María Borrell-Pagès^{1,5}, Alberto Hidalgo⁶, Lina Badimon^{1,5,7}, Gemma Vilahur^{1,5}

¹Research Institute Sant Pau (IR Sant Pau), Barcelona, Spain, ²Universitat Autònoma de Barcelona (UAB), Barcelona, Spain, ³Imperial College London, National Heart and Lung Institute, London, United Kingdom, ⁴Department of Cardiology, Hospital de la Santa Creu i Sant Pau, Barcelona, Spain, ⁵CIBERCV, Madrid, Spain, ⁶Radiology Department, Hospital Josep Trueta, Girona, Spain, ⁷Cardiovascular Health and Innovation Research Foundation (FICS) and University of Vic (UVIC-UCC), Barcelona, Spain

P14-Fri

The role of metabolic factors in predicting outcomes of venous thromboembolism

Davide Ramoni¹, Fabrizio Montecucco^{1,2}, Luca Liberale^{1,2}, Margherita Moriero¹, Maria Bertolotto¹, Silvia Minetti^{1,2}, Federico Carbone^{1,2}

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

P15-Fri

Prognostic Significance of Adiponectin Dynamics in Elderly Septic Patients: Insights from the Genoa BASH SEPSIS Study

Valeria Cugno¹, Fabrizio Montecucco^{1,2}, Luca Liberale^{1,2}, Federico Carbone^{1,2}, Amedeo Tirandj^{1,3}

¹University of Genoa, Genoa, Italy, ²IRCCS Ospedale Policlinico San Martino, Genoa, Italy, ³University of Zurich, Schlieren, Switzerland

P16-Fri

Transcriptomic profiles of right ventricular heart failure due to left ventricular heart failure (LVHF) and pulmonary arterial hypertension (PAH)

Aleksandra Paterek¹, Shubhra Acharya², Lu Zhang³, Andrew I Lumley², Christelle Nicolas², Emeline Goretti², Przemysław Leszek⁴, Yvan Devaux², Michał Mączewski¹

¹Department of Clinical Physiology, Centre of Postgraduate Medical Education, Warsaw, Poland, ²Cardiovascular Research Unit, Department of Precision Health, Luxembourg Institute of Health, Strassen, Luxembourg, ³Bioinformatics & AI Unit, Department of Medical Informatics, Luxembourg Institute of Health, Strassen, Luxembourg, ⁴Heart Failure and Transplantology Department, Mechanical Circulatory Support and Transplant Department, National Institute of Cardiology, Warsaw, Poland

P17-Fri

Canonical WNT pathway role in heart-brain axis after Myocardial Infarction

Noelia Pimentel^{1,2}, Aureli Luquero¹, Gemma Vilahur^{1,3}, María Borrell-Pagès^{1,3}

¹Molecular Pathology and Therapeutic of Ischemic and Atherothrombotic Diseases; Sant Pau Research Institute (IR-Sant Pau), Barcelona, Spain, ²Biomedicine Doctorate Program, Universitat de Barcelona, Barcelona, Spain, ³CIBER-CV, Instituto de Salud Carlos III, Madrid, Spain

P18-Fri

Proton nuclear magnetic resonance characterization of lipoprotein particles in subjects with overweight and obesity

Victoria Santisteban¹, Anallely López-Yerena¹, Natàlia Muñoz-García¹, Gemma Vilahur^{1,2}, Lina Badimon^{1,2,3}, Teresa Padro^{1,2}

¹Institut Recerca Sant Pau, Barcelona, Spain, ²Centro de Investigación Biomédica en Red Cardiovascular (CIBER-CV), Instituto de Salud Carlos III, Madrid, Spain, ³Universitat de VIC-UCC and Cardiovascular Research Foundation for Health Prevention and Innovation (FICSI), Barcelona, Spain

P19-Fri

Epicardial fat transformation in the vicinity of the failing left ventricle in end-stage heart failure with reduced ejection fraction

Aleksandra Paterek¹, Maciej Mączewski¹, Mateusz Surzykiewicz¹, Maksymilian Nowakowski¹, Maciej Mazuruk¹, Marta Kacperska¹, Zuzanna Wojdyńska², Marta Załęska-Kocięcka², Łukasz Nogajski¹, Ilona Michałowska³, Michał Mączewski¹, Przemysław Leszek²

¹Department of Clinical Physiology, Centre of Postgraduate Medical Education, Warsaw, Poland,

²Heart Failure and Transplantology Department, Mechanical Circulatory Support and Transplant Department, National Institute of Cardiology, Warsaw, Poland, ³Department of Radiology, National Institute of Cardiology, Warsaw, Poland

P20-Fri

Cardiovascular Complications in Patients with Severe Pneumonia Due to Influenza A/H1N1/09

Darshan Dattatray Auti¹, Maftuna Dilshodovna Abdulloeva¹

¹Student Scientific Society, Samarkand, Uzbekistan

P21-Fri

Clinical Characteristics of Hospitalized Older Adults with Severe Chronic Heart Disease: Insights from the Multicenter 'Palliative Care Day 2.0' Study

Luca Tagliafico^{1,2}, Silvia Ottaviani^{1,2}, Stefania Peruzzo^{1,2}, Alessio Nencioni^{1,2}, Fiammetta Monacelli^{1,2}

¹Department of Internal Medicine and Medical Specialties (DiMI), University of Genoa, Genoa, Italy, ²IRCCS Ospedale Policlinico San Martino, Genoa, Italy

P22-Fri

Endothelial Dysfunction in Chronic Heart Failure with Type 2 Diabetes Mellitus

Darshan Dattatray Auti¹, Maftuna Dilshodovna Abdulloeva¹

¹Student Scientific Society, Samarkand, Uzbekistan

P23-Fri

Risk Factor Stratification in Ischemic Heart Disease: A Clinical Framework for Early Intervention

Anisha Kamble¹, Maftuna Dilshodovna Abdulloeva¹

¹Samarkand State Medical University, Samarkand, Uzbekistan

P24-Fri

Association of Psychiatric Comorbidities with Recurrence of Takotsubo Syndrome

Davide Di Vece¹, Victor Schweiger³, Luca Liberale², Ole Ohlendorf¹, Selina Röhl¹, Juan Dikou¹, Alina Dikou¹, Jelena R. Ghadri⁴, Fabrizio Montecucco², Christian Templin¹

¹University Hospital of Greifswald, Greifswald, Germany, ²University of Genoa, Genoa, Italy,

³Deutsches Herzzentrum der Charité, Berlin, Germany, ⁴University Hospital Zurich, Zurich, Switzerland

P25-Fri

Opportunities and barriers to the use of telemedicine in the management of hypertension in Slovakia

Stefan Toth¹

¹Pavol Jozef Safarik University, Kosice, Slovakia

P26-Fri

Possible pleiotropic effects of inclisiran in high cardiovascular risk patients

Patrik Bucek¹, Stefan Toth¹

¹Pavol Jozef Safarik University, Kosice, Slovakia

P27-Fri

The impact of 17 β -estradiol and testosterone on male and female microvascular endothelial cardiac cells

Rita Nogueira-Ferreira¹, Joana Pinto^{1,2}, Cristiana Fernandes^{1,2}, Ana Grego¹, Ivo Fonseca¹, Adelino Leite-Moreira^{1,3}, Marina Dias-Neto^{1,4}, Rita Ferreira², Sandra Marisa Oliveira¹

¹RISE-Health, Department of Surgery and Physiology, Faculty of Medicine, University of Porto, Porto, Portugal, ²LAQV-REQUIMTE, Department of Chemistry, University of Aveiro, Aveiro, Portugal, ³Department of Cardiothoracic Surgery, Unidade Local de Saúde de São João, Porto, Portugal, ⁴Department of Angiology and Vascular Surgery, Unidade Local de Saúde de São João, Porto, Portugal

P28-Fri

Neuroprotective effect of fisetin and CMS121 against palmitic acid treatment in SH-SY5Y neuronal-like cells

Débora Mena^{1,2,3,4}, Katarzyna Michalik^{1,2}, Carla Sequeira^{1,2}, Sofia Cardoso^{1,2}, João O. Malva^{1,2,3}, Ana I. Duarte^{1,2,3}

¹Institute of Pharmacology and Experimental Therapeutics, Faculty of Medicine, Coimbra, Portugal, ²ICBR - Coimbra Institute for Clinical and Biomedical Research, Faculty of Medicine, Coimbra, Portugal, ³CIBB - Center for Innovative Biomedicine and Biotechnology, Coimbra, Portugal, ⁴Institute for Interdisciplinary Research (IIIUC) Doctoral Programme in Experimental Biology and Biomedicine (PDBEB), University of Coimbra, Coimbra, Portugal

P29-Fri

Evaluating the Long-Term Cardiovascular Impact of COVID-19 in Recovered Patients

Darshan Dattatray Auti¹, Maftuna Dilshodovna Abdulloeva¹

¹Student Scientific Society, Samarkand, Uzbekistan

P30-Fri

Prognostic implications of electrocardiography in patients with permanent pacemaker insertion

Muzaffar Annaev¹, Eleonora Tashkenbaeva², Ismoil Tillakobilov², Zarina Mamashukurova¹, Athithi Kumara Velayutham², Gulizebo Baxtiyorovna Saidrasulova³

¹Kimyo International University in Tashkent (KIUT), Samarkand, Uzbekistan, ²Samarkand state medical university, Samarkand, Uzbekistan, ³Tashkent medical academy, Tashkent, Uzbekistan

P31-Fri

Hypertension and Chronic Kidney Disease (CKD): A Bidirectional Relationship

Anisha Kamble¹, Maftuna Dilshodovna Abdulloeva¹

¹Samarkand State Medical University, Samarkand, Uzbekistan

P32-Fri

Diabetic patients with atherosclerosis display a pro-atherogenic proteomic signature within the plasma-enriched high-density lipoprotein fraction

Gabriela Girón^{1,2}, Teresa Padró^{1,3}, Andrea Guala^{3,4}, Rodrigo Fernández⁴, Anna Garcia-Elias⁵, María Borrell-Pagés^{1,3}, Rúper Oliveró⁴, Santiago Martín-Grieve⁴, Lina Badimon^{1,3,6}, Alicia Maceira⁵, José F. Rodríguez-Palomares^{3,4}, Gemma Vilahur^{1,3}

¹Research Institute Sant Pau (IR Sant Pau), Barcelona, Spain, ²Universitat Autònoma de Barcelona (UAB), Barcelona, Spain, ³CIBERCV, Madrid, Spain, ⁴Department of Cardiology, Vall d'Hebron Hospital Universitari, Vall d'Hebron Barcelona Hospital Campus, Barcelona, Spain, ⁵CETIR – Grupo ASCIRES, Barcelona, Spain, ⁶Cardiovascular Health and Innovation Research Foundation (FICS) and University of Vic (UVIC-UCC), Barcelona, Spain

P33-Fri

Diabetic patients with severe atherosclerosis display an exacerbated trained immune response characterized by an immunometabolic switch towards a prooxidative profile

Gabriela Girón^{1,2}, Teresa Padró^{1,3}, Andrea Guala^{3,4}, Rodrigo Fernández⁴, Anna Garcia-Elias⁵, María Borrell-Pagés^{1,3}, Rúper Oliveró⁴, Santiago Martín-Grieve⁴, Lina Badimon^{1,3,6}, Alicia Maceira⁵, José F Rodríguez-Palomares^{3,4}, Gemma Vilahur^{1,3}

¹Research Institute Sant Pau (IR Sant Pau), Barcelona, Spain, ²Universitat Autònoma de Barcelona (UAB), Barcelona, Spain, ³CIBERCV, Madrid, Spain, ⁴Department of Cardiology, Vall d'Hebron Hospital Universitari, Vall d'Hebron Barcelona Hospital Campus, Barcelona, Spain, ⁵Cardiovascular Health and Innovation Research Foundation (FICS) and University of Vic (UVIC-UCC), Barcelona, Spain, ⁶CETIR – Grupo ASCIRES, Barcelona, Spain

P34-Fri

Heart failure-related skeletal muscle dysfunction: protective effects of SGLT2 inhibitor dapagliflozin

Giorgia Dinoi¹, Elena Conte¹, Paola Imbrici¹, Martina Lanza¹, Konrad Urbanek², Donato Cappetta³, Annamaria De Luca¹, Liberato Berrino⁴, Antonella De Angelis⁴, Antonella Liantonio¹

¹University of Bari "Aldo Moro", Department of Pharmacy-Drug Sciences, Bari, Italy, ²University of Naples "Federico II", Department of Molecular Medicine and Medical Biotechnologies, Naples, Italy, ³University of Salento, Department of Biological and Environmental Sciences and Technologies, Monteroni di Lecce, Italy, ⁴University of Campania "Luigi Vanvitelli", Department of Experimental Medicine, Naples, Italy

P35-Fri

Hypoalbuminemia and 24-month all-cause mortality in patients hospitalized for acute heart failure: A sub-analysis of THE ALBIMED-HF Study

Riccardo Barbiero, Davide Santagata, Eleonora Nicolini, Benedetta Pennella, Marta Biancucci, Andrea Maria Maresca, Francesco Dentali, Aldo Bonaventura

P36-Fri

Changes in circulating lipopolysaccharide and zonulin following acute myocardial infarction: the impact of smoking

Michał Ślaboszewski¹, Rafał Kolec¹, Elżbieta Paszek^{2,3}, Mateusz Baran⁴, Anetta Undas^{3,5}

¹Jagiellonian University Medical College, Kraków, Poland, ²Clinical Department of Interventional Cardiology, St. John Paul II Hospital, Kraków, Poland, ³Department of Thromboembolic Disorders, Institute of Cardiology, Jagiellonian University Medical College, Kraków, Poland, ⁴AGH University of Kraków, Kraków, Poland, ⁵Kraków Center for Medical Research and Technologies, St. John Paul II Hospital, Kraków, Poland

P37-Fri

Recurrent WPW syndrome with multiple accessory pathways: a case report
Muzaffar Annaev¹, Ilkhom Khamidov², Lola Khamidova³, Ismoil Tillakobilov³, Apoorva Roy³, Ankita Deshpande³

¹Kimyo International University in Tashkent (KIUT), Samarkand, Uzbekistan, ²Samarkand regional branch of the Republican Specialized Scientific and Practical Medical Center of Cardiology, Samarkand, Uzbekistan, ³Samarkand state medical university, Samarkand, Uzbekistan

P38-Fri

Endothelial nitric oxide synthase is regulated by adenosine receptor A_{2A}R in neonatal endothelial progenitor cells from gestations with diabetes

Mariana S. Diniz^{1,2,3,4,5}, Elisa Weiss^{1,2}, Paulo J. Oliveira^{3,4}, Ursula Hiden^{1,2}, Susana P. Pereira^{3,4,6,7,8}

¹Perinatal Research Laboratory, Department of Obstetrics and Gynaecology, Medical University of Graz, Graz, Austria, ²Research Unit Early Life Determinants (ELiD), Medical University of Graz,

Graz, Austria, ³CNC-UC - Center for Neuroscience and Cell Biology, University of Coimbra, Coimbra, Portugal, ⁴CIBB - Centre for Innovative Biomedicine and Biotechnology, University of Coimbra, Coimbra, Portugal, ⁵University of Coimbra, Institute for Interdisciplinary Research, PDBEB - Doctoral Programme in Experimental Biology and Biomedicine, Coimbra, Portugal, ⁶Laboratory of Metabolism and Exercise (LaMetEx), Research Centre in Physical Activity, Health and Leisure (CIAFEL), Laboratory for Integrative and Translational Research in Population Health (ITR), Faculty of Sports, University of Porto, Porto, Portugal, ⁷UCIBIO, Applied Molecular Biosciences Unit, Department of Chemistry, NOVA School of Science and Technology, Universidade Nova de Lisboa, 2829-516 Caparica, Portugal, ⁸Associate Laboratory i4HB-Institute for Health and Bioeconomy, Faculdade de Ciências e Tecnologia, Universidade NOVA de Lisboa, 2829-516 Caparica, Portugal

P39-Fri

Effects of experimental heart failure on human breast cancer xenografts

Eva Bianconi¹, Daria De Giorgio², Ambra Costa¹, Monica Colombo¹, Davide Ceresa³, Alessandro Gambella³, Federica Grillo³, Francesca Fumagalli², Roberto Latini², Pietro Ameri^{1,3}

¹IRCCS Ospedale Policlinico San Martino, Genova, Italia, ²Ist. di ricerche farmacologiche Mario Negri IRCCS, Milano, Italia, ³University of Genoa, Genova, Italia

P40-Fri

Structural Myocardial Remodeling and Cardiovascular Risks in Patients with Hypertension and Type 2 Diabetes

Gulnora Abdieva¹, Eleonora Tashkenbaeva¹, Sukhrob Ellamonov¹

¹Samarkand State Medical University, Samarkand, Uzbekistan

P41-Fri

Metabolic Syndrome as a Predictor of Cardiovascular Complications in COVID-19 Patients with Coronary Artery Disease

Gulnora Abdieva¹

¹Samarkand State Medical University, Samarkand, Uzbekistan

P42-Fri

Validation of exploratory biomarkers of sarcopenia in community-dwelling older adults: insights from the IN-TEMPO clinical trial

Roberta Lenti¹, Paola Mantuano¹, Alberto Ladisa¹, Claudio Pace², Maria Teresa Cimarrusti³, Paola Pontrelli³, Loreto Gesualdo³, Vincenzo Solfrizzi², Annamaria De Luca¹

¹Unit of Pharmacology, Department of Pharmacy-Drug Sciences, University of Bari Aldo Moro, Orabona 4 - Campus, 70125 Bari, , ²Department of Interdisciplinary Medicine, University of Bari Aldo Moro, Piazza Giulio Cesare n. 11, 70124 Bari, , ³Department of Precision and Regenerative Medicine and Ionian Area, University of Bari Aldo Moro, Piazza Giulio Cesare n. 11, 70124 Bari, Italy.,

P44-Fri

Functional Studies in LDLR to Improve Genetic Diagnosis in Familial Hypercholesterolemia

Ana Catarina Alves^{1,2}, Rafael Graça^{1,2}, Maria Ferreira^{1,2}, Bernardo Amaro Correia¹, Ana Margarida Medeiros^{1,2}, Beatriz Miranda^{1,2}, Joana Rita Chora^{1,2}, Mafalda Bourbon^{1,2}

¹INSTITUTO NACIONAL DE SAÚDE DOUTOR RICARDO JORG, Lisboa, Portugal, ²BioISI, Biosystems & Integrative Sciences Institute, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

P45-Fri

SGLT2 inhibitors show prominent myocardial-specific protective effects in an animal model of obesity

Angelo Di Vincenzo¹, Marnie Granzotto¹, Marika Crescenzi¹, Fausto Cortese¹, Paola Fioretto¹, Roberto Vettor¹, Marco Rossato¹

¹University Of Padova - Department of Medicine, Padova, Italy

P46-Fri

RUNX2 and atherosclerotic cardiovascular disease presentation in genetically diagnosed familial hypercholesterolemia

Rafael Escate¹, Francisco Fuentes Jiménez^{2,3}, Gemma Vilahur Garcia^{1,4}, María José Cepeda⁵, Pedro Mata⁶, Lina Badimon^{1,4,7}, Teresa Padro^{1,4}

¹Institut Recerca Sant Pau (IR-HSCSP), Barcelona, Spain, ²Lipids and Atherosclerosis Unit, IMIBIC/Reina Sofia University Hospital/University of Cordoba, Córdoba, Spain, ³CIBER Fisiopatologia Obesidad y Nutricion (CIBEROBN), Instituto de Salud Carlos III, Madrid, Spain, ⁴Centro de Investigación Biomédica en Red Cardiovascular (CIBERCV) Instituto de Salud Carlos III, Madrid, Spain, ⁵Department of Internal Medicine, Hospital Comarcal Vega Baja, Orihuela, Spain, ⁶Fundación Hipercolesterolemia Familiar, Madrid, Spain, ⁷Universitat de VIC-UCC and Cardiovascular Research Found. for Health Prevention and Innovation (FICSI), Barcelona, Spain

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

P63-Fri

The TRPM2 ion channel regulates the browning process in human adipose tissue

Raúl Pérez Mato¹, Andrea Benzi¹, Mueez U-Din², Thomas Brochard³, Juulia Lautaoja-Kivipelto³, Cecilia Astigiano¹, Francesco Piacente¹, Sonia Spinelli¹, Jacob B. Hansen⁴, Laura Sturla¹, Hilka Peltoniemi⁵, Kirsi H. Pietiläinen^{6,7}, Kirsi A. Virtanen², Eija Pirinen^{3,8,9,10}, Santina Bruzzone^{1,11}

¹Department of Experimental Medicine, University of Genova, Genova, Italy, ²Turku PET Centre, University of Turku, Turku, Finland, ³Faculty of Medicine, Research Unit of Biomedicine and Internal Medicine, University of Oulu, Oulu, Finland, ⁴Department of Biology, University of Copenhagen, Copenhagen, Denmark, ⁵Eira Hospital, Helsinki, Finland, ⁶Faculty of Medicine, Obesity Research Unit, University of Helsinki, Helsinki, Finland, ⁷Abdominal Center, Healthy Weight Hub, Helsinki University Hospital, Helsinki, Finland, ⁸Medical Research Center Oulu, Oulu University Hospital and University of Oulu, Oulu, Finland, ⁹Biocenter Oulu, University of Oulu, Oulu, Finland, ¹⁰Faculty of Medicine, Research Program for Clinical and Molecular Metabolism, University of Helsinki, Helsinki, Finland, ¹¹IRCCS Ospedale Policlinico San Martino, Genova, Italy

P64-Fri

Prognostic Role of Mini Nutritional Assessment in Sepsis-Related Mortality

Sara Franz¹, Luca Liberale¹, Fabrizio Montecucco¹, Gabriele Zoppoli¹, Alberto Ballestrero¹, Federico Carbone¹

¹Department of Internal Medicine, University of Genoa, Genoa, Italy

P65-Fri

Untargeted FTIR-Based Blood Screening Reveals Plasma Aging Signatures in Offspring of Obese Mothers

Luís F. Grilo^{1,2,3}, Pedro Valente^{1,2}, Jelena Stevanovic-Silva⁴, Jorge Beleza⁴, José Magalhães⁴, Paulo J. Oliveira^{1,2}, Susana P. Pereira^{1,2,4,5}

¹Center for Neuroscience and Cell Biology, University of Coimbra, Cantanhede, Portugal, ²Center for Innovative Biomedicine and Biotechnology, University of Coimbra, Coimbra, Portugal, ³University of Coimbra, Institute for Interdisciplinary Research, PDBEB - Doctoral Programme in Experimental Biology and Biomedicine, Coimbra, Portugal, ⁴Laboratory of Metabolism and Exercise, Research Centre in Physical Activity, Health and Leisure, Laboratory for Integrative and Translational Research in Population Health, Faculty of Sports, University of Porto, Porto, Portugal, ⁵UCIBIO—Applied Molecular Biosciences Unit, Department of Chemistry, Faculty of Science and Technology, NOVA University Lisbon, Portugal; Associate Laboratory i4HB—Institute for Health and Bioeconomy, Faculty of Science and Technology, NOVA University Lisbon, Lisbon, Portugal

P66-Fri

The Triglyceride-Glucose Index (TyG) as a Predictor of Mortality in Sepsis and Septic Shock: A Prognostic Biomarker for Risk Stratification

Cosimo Sgura¹, Fabrizio Montecucco^{1,2}, Luca Liberale^{1,2}, Federico Carbone^{1,2}

¹Department of Internal Medicine, University of Genoa, 6 viale Benedetto XV, 16132 , Genoa, Italy, ² IRCCS Ospedale Policlinico San Martino, Genoa, 10 Largo Rosanna Benzi, 16132 , Genoa, Italy

P67-Fri

Antioxidant and Wound Healing Potential of Extracts from Typical Mediterranean Foods

Chourouk Joumaa, Hawraa Zbeeb, Lama Zeaiter, Mohamad Khalil, Hala Khalifeh, Giulia De Negri Atanasio, Piero Portincasa, Laura Vergani

¹Department of Earth, Environment and Life Science, University of Genoa, Corso Europa 26, 16132 Genova, Italy, Genova, Italy

P68-Fri

Dietary and nutraceutical approach to Metabolic Dysfunction-Associated with Steatotic Liver Disease: the GDUE® study

Elisa Proietti¹, Giulia Grillo¹, Elena Formisano^{1,2}, Giovanni Galletti¹, Matteo Tozzi¹, Almina Bertolini¹, Andrea Vignati¹, Erica Guidido¹, Michele Tafuro¹, Gaia Orsi¹, Vittoria Adeniji¹, Patrizia Zentilin^{1,3}, Samir Sukkar², Edoardo Giannini^{1,3}, Mara Boschetti^{1,4}, Livia Pisciotto^{1,2}

¹University Of Genoa- Department of Internal Medicine (DIMI), Genova, Italy, ²Operative Unit of Dietetics and Clinical Nutrition IRCCS Ospedale Policlinico San Martino, Genova, Italy, ³Operative Unit of Gastroenterology IRCCS Ospedale Policlinico San Martino, Genova, Italy, ⁴Operative Unit of Endocrinology IRCCS Ospedale Policlinico San Martino, Genova, Italy

P69-Fri

Plasma lipidomics recapitulates clinically meaningful metabolic aberrations of prostate cancer in the metastatic setting

Francesco Ravera¹, Sara Bleve^{2,3}, Silvia Rodrigues², Emilio Francesco Giunta³, Filippo Pederzoli², Hubert Pakula², Nicole Brighi³, Giorgia Gurioli³, Maria Concetta Cursano³, Alessandra Virga³, Cristian Lolli³, Giuseppe Schepisi³, David Michael Nanus⁴, Pier Vitale Nuzzo², Ugo De Giorgi³, Massimo Loda²

¹Department of Internal Medicine, University of Genoa, Genova, Italy, ²Department of Pathology and Laboratory Medicine, Weill Cornell Medicine, New York, USA, ³IRCCS Ist. Romagnolo per lo Studio dei Tumori (IRST) "Dino Amadori", Meldola, Italy, ⁴Department of Medicine, Weill Cornell Medicine, New York, USA

P70-Fri

In Vitro Modeling of Hepatic Insulin Resistance: Effects of Insulin, Glucose, and Free Fatty Acids on Metabolic Alterations

Hawraa Zbeeb^{1,2}, Lama Zeaiter^{1,2}, Chourouk Joumaa¹, Alberto Diaspro^{2,3}, Laura Vergani¹

¹Department of Earth, Environment and Life Sciences (DISTAV), University of Genova, Genova, Italy, ²Nanoscopy and NIC@IIT, Ist. Italiano di Tecnologia (IIT), Genova, Italy, ³Department of Physics (DIFI), University of Genova, Genova, Italy

P71-Fri

Sex-and-age-specific insights in circadian rhythms: molecular characteristics of healthy individuals for personalized circadian medicine

Müge Yalçın^{1,2}, Angela Relógio^{1,2}

¹Institute for Systems Medicine and Faculty of Human Medicine, MSH Medical School Hamburg, Hamburg, Germany, ²Institute for Theoretical Biology (ITB), Charité—Universitätsmedizin Berlin, Berlin, Germany

P72-Fri

Effect of omega-3 PUFA supplemented via different chemical forms on MASLD progression in mice

Isaiah Sabinari¹, Olga Horakova¹, Agnieszka Karkucinska-Wieckowska², Veronika Kleinova¹, Barbara Pakula³, Patrycja Jakubek³, Mariusz R. Wieckowski³, Martin Rossmeisl¹

¹Laboratory of Adipose Tissue Biology, Institute of Physiology of the Czech Academy of Sciences, Prague, Czech Republic, ²Department of Pathology, The Children's Memorial Health Institute, Warsaw, Poland, ³Laboratory of Mitochondrial Biology and Metabolism, Nencki Institute of Experimental Biology of Polish Academy of Sciences, Warsaw, Poland

P73-Fri

Polyphenol-rich thymbra spicata ethanolic extract modulates apical glucose transport and protects against barrier damage on invitro models of intestinal barrier.

Laura Mahdi¹, Mohamad Khalil¹, Valeria Perniola¹, Elisa Lanza¹, Piero Portincasa¹

¹Clinica Medica "Augusto Murri", Department of Preventive and Regenerative Medicine and Ionian Area (DiMePrev-J), University of Bari Aldo Moro, Bari, Italy

P74-Fri

Branched-chain amino acid supplementation in a mouse model of ageing: effects on age-related kidney fibrosis

Roberta Lenti¹, Paola Pontrelli², Paola Mantuano¹, Brigida Boccanegra¹, Alberto Ladisa¹, Luca Bianchini³, Andrea Aramini³, Antonella Liantonio¹, Loreto Gesualdo², Michela De Bellis¹, Annamaria De Luca¹

¹Unit of Pharmacology, Department of Pharmacy-Drug Sciences, University of Bari "Aldo Moro", Orabona 4 - Campus, 70125 Bari, ²Department of Precision and Regenerative Medicine and Ionian Area, University of Bari Aldo Moro, Piazza Giulio Cesare n. 11, 70124 Bari, , ³Research & Early Development, Dompé farmaceutici S.p.A, Via Campo di Pile, s.n.c. 67100 L'Aquila,

P75-Fri

Enhancing the Mediterranean Diet: Effects of Local Vegetable Products on Satiety, Weight Loss, and Metabolic Health in Patients with Overweight/Obesity

Gianni Pietragalla¹, Elisa Lanza¹, Valeria Perniola¹, Danika Schepis¹, Domenico Rubino¹, Massimiliano Renna², Pietro Santamaria², Piero Portincasa¹, Mohamad Khalil¹

¹Clinica Medica "A. Murri", Department of Precision and Regenerative Medicine and Ionian Area (DiMePrev-J), University of Bari Aldo Moro, Bari, Italy, ²Department of Soil, Plant and Food Sciences, University of Bari Aldo Moro, Bari, Italy.

P76-Fri

Effects of Ramadan Intermittent Fasting on Intestinal Permeability and Metabolic Markers: A Comparative Study in Italy and Lebanon

Hala Abdallah¹, Nour Jaber¹, Laura Mahdi¹, Zainab Bannout², Ahmad Daher², Mohamad Khalil¹, Piero Portincasa¹

¹University Of Bari Aldo Moro, Bari, Italy, ²Lebanese University, Faculty of Sciences, Beirut, Lebanon

P77-Fri

Nuclear Architecture and Epigenetic Remodeling During Adipocyte Differentiation and Hypertrophy: Implications for Obesity and Metabolic Disorders

Lama Zeaiter^{1,2}, Francesca Baldini¹, Hawraa Zbeeb^{1,2}, Paolo Bianchini¹, Alberto Diaspro^{1,3}, Laura Vergani²

¹Italian Institute of Technology, Genoa, Italy, ²DISTAV, University of Genoa, Genoa, Italy,

³DIFILAB, University of Genoa, Genoa, Italy

P78-Fri

Functional Nutritional Profile and Gastrointestinal Response to the Novel Altograno Bread: Sustainable Development Goals (SDGs) on the Way

Mohamad Khalil¹, Elisa Lanza¹, Domenico Rubino¹, Harshitha Shanmugam¹, Danika Schepis¹, Domenica Maria Di Palo², Marcello Greco Miani³, Piero Portincasa¹

¹Clinica Medica "A. Murri", Department of Precision and Regenerative Medicine and Ionian Area (DiMePre-J), University of Bari Aldo Moro, Bari, Italy, , Italy, ²Hygiene Unit, Interdisciplinary Department of Medicine, University of Bari Aldo Moro, Bari, Italy, , Italy, ³Casillo Next Gen Food s.r.l, Via Sant'Elia, SNC, BRI, Italy., , Italy

P79-Fri

Protective Effects of Bioactive Compounds on in vitro Electrophysiological Models of Intestinal Integrity

Elisa Lanza¹, Valeria Perniola¹, Laura Mahdi¹, Elisabetta Martinelli², Alessandra Loiodice², Lucia Montenegro², Piero Portincasa¹, Mohamad Khalil¹

¹Clinica Medica "A. Murri", Department of Precision and Regenerative Medicine and Ionian Area (DiMePre-J), University of Bari Aldo Moro, Bari, Italy, , , ²Digestive Endoscopy Unit; IRCCS Giovanni Paolo II, Viale Orazio Flacco 65, 70124, Bari, Italy, ,

P80-Fri

Exploring the Association Between Fatty Liver Disease and Peripheral Artery Disease: A Systematic Review

Abdulahman Ismaiel¹, Vera Ciornolutchii¹, Stefan-Lucian Popa¹, Teodora Surdea-Blaga¹, Dan L. Dumitrascu¹

¹2nd Department of Internal Medicine, "Iuliu Hatieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania

P81-Fri

Assessing the Diagnostic Value of Non-Invasive Scores and Hemogram Derived Ratios in Chronic Liver Disease and Cirrhosis

Abdulahman Ismaiel¹, Evrard Katell², Daniel-Corneliu Leucuta³, Stefan-Lucian Popa¹, Cristina Sorina Catana⁴, Dan L. Dumitrascu¹, Teodora Surdea-Blaga¹

¹2nd Department of Internal Medicine, "Iuliu Hatieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania, ²Faculty of Medicine, "Iuliu Hatieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania, ³Department of Medical Informatics and Biostatistics, "Iuliu Hatieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania, ⁴Department of Medical Biochemistry, "Iuliu Hatieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania

P82-Fri

Extracellular vesicles from liver in prediabetes counteract skeletal muscle insulin resistance

Pedro Ribeiro¹, Tatiana Burrinha¹, Beatriz Guerreiro¹, Bruno Costa-Silva², Rita Machado de Oliveira¹, Maria Paula Macedo¹

¹Nova Medical School, Lisbon, Portugal, ²Champalimaud Research, Lisbon, Portugal

P83-Fri

Effects of mediterranean diet and lifestyle changes on weight loss and metabolic parameters: a comparative study between Italy and Romania

ilaria Farella¹, Harshitha Shanmugam², Naomi Macaru³, Mohamad Khalil², Elisa Lanza², Valeria Perniola², Agostino Di Ciaula, Piero Portincasa²

¹Department of Medicine and Surgery, LUM University, Casamassima, 70010 Bari, Italy., Bari, Italy, ²Clinica Medica "A.Murri" Department of Precision and Regenerative Medicine and Ionian Area (DiMePre-J), University of Bari Aldo Moro, Bari, Italy, ³University of Medicine, Pharmacy, Sciences and Technology "George Emil Palade" Târgu Mureş

P84-Fri

Pro-inflammatory role of extracellular nicotinamide phosphoribosyltransferase in cystic fibrosis

Laura Lori¹, Valentina Audrito², Nadia Raffaelli³, Marco Pedrazzi¹, Mauro Patrone², Roberta De Tullio¹, Federico Cresta⁴, Carlo Castellani⁴, Monica Aversa¹

¹Department of Experimental Medicine, University of Genoa, Genoa, Italy, ²Department of Science and Technological Innovation, University of Piemonte Orientale, Alessandria, Italy,

³Department of Agriculture, Food and Environmental Sciences, Polytechnic University of Marche, Ancona, Italy, ⁴IRCCS Ist. Giannina Gaslini, Cystic Fibrosis Center, Genoa, Italy

P85-Fri

The Effect of Aging on Esophageal Peristaltic Reserve: An Assessment Using Multiple Rapid Swallow in High-Resolution Manometry

Andrea Pasta¹, Francesco Calabrese^{1,2}, Edoardo Vincenzo Savarino^{3,4}, Vincenzo Savarino¹, Giorgia Bodini^{1,2}, Elena Formisano^{1,2}, Manuele Furnari^{1,2}, Patrizia Zentilin^{1,2}, Elisa Marabotto^{1,2}, Edoardo Giovanni Giannini^{1,2}

¹University Of Genoa, Genoa, Italy, ²IRCCS San Martino Policlinic Hospital, Genoa, Italy,

³University of Padua, Padua, Italy, ⁴Azienda Ospedale Università di Padova, Padua, Italy

P86-Fri

Cannabis and metabolic dysfunction-associated steatotic liver disease: a systematic review and meta-analysis on risk reduction

Néstor Israel Quinapanta Castro¹, Andrés Toscano Ponce¹

¹Regional Autonomous University of the Andes, Ambato, Ecuador