

3RD INTERNATIONAL CONFERENCE ON

CARDIOLOGY AND CARDIOVASCULAR INNOVATIONS



THEME:

**INNOVATING CARDIOVASCULAR CARE:
BRIDGING SCIENCE, TECHNOLOGY, AND CLINICAL PRACTICE**



CARDIO 2026

July 21-22, 2026 | Vienna, Austria

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JULY 21-22, 2026



VIENNA, AUSTRIA

International Conference

Day-1 (July 21, 2026)

08:30-09:30 Registrations & Opening Remarks

Plenary Forum



09:00-09:30

Title: The Impacts of Climate Disruption on Human Health and What We in Healthcare Can Do About It

Dr. Susan Deering, University of Toronto, Canada

09:30-10:00

Title: Patients Oriented Scientific Research

Dr. Cong-Yi Wang, Huazhong University of Science & Technology, China



10:00-10:30 Networking Break + Group Photo

Keynote Presentations (10:30 - 11:30)

10:30-11:00



Title: Advances in cell-based delivery of oncolytic viruses as therapy for lung cancer
Prof. Ralph Meuwissen, Ege University, Turkey

11:00-11:30

Title: Protein Methylation, a Wrestler for Chromatin Structure, Modulates the Risk of Metabolic Disorders

Dr. Cong-Yi Wang, Huazhong University of Science & Technology, China



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Technical Session- I (11:30 - 13:10)

11:30-11:55

Title: Integrated Metabolic and Topical Therapy for Cellulite in Women With Metabolic Syndrome and Insulin Resistance: A Protocol Using Tirzepatide and G21 Topical Formulation

Prof. Adamidis Sotirios, Athens Medical Center, Greece



11:55-12:20

Title: Vascular type Ehlers-Danlos syndrome with intra-abdominal hemorrhage due to ruptured hepatic aneurysm: A case report

Dr. Masaou Tanaka, Wakayma medical university, Japan



12:20-12:45

Title: Association of intradialytic pulse-rate average real variability with adverse outcomes in maintenance hemodialysis patients with diabetes

Ms. Yiping Qiu, Zhejiang Chinese Medical University Affiliated College of Integrated Traditional Chinese and Western Medicine, China



12:45-13:10

Title: Possible mechanisms of action of glucagon-like peptide-1 receptor agonists on blood pressure beyond body weight

Prof. Hiroshi Itoh & Dr. Masami Tanaka, Midtown Clinic East, Japan



13:10 - 14:00 Lunch @ Restaurant

Technical Session-II (14:00 - 18:55)

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Day-1 (July 21, 2026)

14:00-14:25

Title: Injectable Hydrogel for Controlled Release of Insulin: In-vivo Diabetic Animal Model Study

Prof. Pralay Maiti, Indian Institute of Technology (Banaras Hindu University), India



14:25-14:50

Title: Angiovac Percutaneous Aspiration of Aortic and Mitral Endocarditis
Dr. John C Lin, UCSF Health, USA



14:50-15:15

Title: Multilocus Genetic Risk Profiling of Atherosclerosis and Venous Thromboembolism in Azores and Mainland Portuguese Populations

Dr. Claudia Castelo Branco, Hospital of Divino Esprito Santo of Ponta Delgada, Portugal



15:15-15:40

Title: Oura ring in cardiopulmonary monitoring and disease detection
Mr. Kaiden Lin, The Masters University, USA



15:40-16:05

Title: Global Standardized Guardrails for Cardiovascular Digital Therapeutics
Miss. Maria Palombini, IEEE, USA



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16:05-16:25 Refreshment Break

16:25-16:50



Title: Area deprivation index predicts annual chronic kidney disease screening and chronic kidney disease development among patients with newly diagnosed hypertension and type 2 diabetes in a large midwestern health system: a retrospective cohort study

Dr. Mary Ingle, Advocate Health, USA

16:50-17:15



Title: Environmental radon exposure and COVID-19 mortality during the pre-vaccination period: potential epidemiological links and its implications

Prof. Stephanie Melinda Jonathan & Dr. Gilles Maignant,
University cote d'azur, France



17:15-17:40



Title: Improving Door-to-ECG Time in Acute Myocardial Infarction: A Closed-Loop Audit from a Tertiary Care Center in Peshawar

Dr. Nazia Waheed, South Infirmary Victoria University Hospital, Ireland

17:40-18:05

Title: Association between macular ganglion cell layer- inner plexiform layer and diabetic retinopathy

Dr. Romano Vrabec, Merkur University Hospital, Croatia



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18:05-18:30

Title: Ozempic's positive and negative impact on the heart
Miss. Julianne Lin, The Master's University, USA

18:30-18:55

Title: Recent Developments in Cardiac surgery in Zimbabwe
Dr. Simukayi Percy Machawira, Parirenyatwa Hospital, Harare zimbabwe



DAY 01 CONCLUDES

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Day-2 (July 22, 2026)

Keynote Presentations (10:00 - 11:00)

10:00-10:30



Title: Main Cardiac Histopathologic Alterations in the Acute Phase of Trypanosoma cruzi Infection in a Murine Model

Prof. Paz María Salazar Schettinoz, FACULTAD DE MEDICINA UNAM, Mexico

10:30-11:00

Title: UTE MRI Can Detect Bone Quality Degradation in Diabetes

Prof. Jiang Du, University of California, USA



Refreshment Break (11:00-11:20)

Poster Presentations (11:20-11:50)

Poster-1

Title: Impact of Skin Hydration on Microvascular Function and Wound Healing in Diabetic Foot Patients

Prof. Seung Kyu Han, Korea University College of Medicine, South Korea



Poster-2

Title: A Diagnostic Challenge: Disseminated Histoplasmosis Presenting as Adrenal Insufficiency and Recurrent Hypoglycemia in a Diabetic Patient

Dr. Mohammad Anwarul Bari, Sir Salimullah Medical College, Bangladesh



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Day-2 (July 22, 2026)

Poster-3



Title: Retained drainage tube fragment after thyroidectomy presenting as a palpable neck mass: a case report

Prof. Min Ho Park, Chonnam National University, South Korea

Poster-4

Title: Cannabidiol differentially regulates cell cycle and metabolism of iPSC-derived cardiac fibroblasts from Duchenne muscular dystrophy patients and healthy controls.

Dr. Lesia Savchenko, Institute of Metabolic and Cardiovascular Diseases (I2MC), France



Poster-5

Title: Prognostic Significance of Beat-to-Beat T-Wave Amplitude Variability in Cardiovascular Diseases: A Narrative Review

Prof. Eiichi Watanabe, Fujita Health University, Japan



Poster-6



Title: Initial Shockable Rhythm as a Key Predictor of Favorable Outcomes in OHCA Patients without ST Elevation Undergoing PCI

Prof. Hyun Wook Ryoo, Kyungpook National University Hospital, South-korea

Poster-7

Title: Expanding the Genotypic Spectrum of Hereditary Transthyretin Amyloidosis: A Case Series of Patients with the Novel TTR p.Ala101Gly Variant

Nadiia Rineiska, Laboratory of Chronic Heart Failure, Belrus



International Conference

Day-2 (July 22, 2026)

Poster-8



Title: STEMI Patients with LVEF $\leq$ 40%: Adherence to the Four Pillars of Heart Failure Therapy

Dr. Muhammad Bhatti, University Hospital Limerick, Ireland

Poster-9

Title: Targeting CD105 Through Inhaled siRNA Delivery: A Novel Therapeutic Strategy for Pulmonary Fibrosis

Dr. Erika Esposito, University of Naples, Italy



Poster-10



Title: Primary Hyperparathyroidism and RAAS Activation : Evidence for an Emerging Endocrine Axis

Dr. Yahi Abdelkader, Mother and Child Hospital of Army, Algeria

Poster-11

Title: Prevalence and Associated Factors of Obstructive Sleep Apnea Syndrome in Patients with Turner Syndrome: A Prospective Pilot Study

Dr. Djebbar Adel, Mother and Child Hospital of Army, Algeria



Technical Session- III (11:50 - 13:05)

11:50-12:15

Title: Alleviative effect of probiotics and prebiotics on dry eye in type 2 diabetic mice through the gut-eye axis

Dr. Jianfeng Long, Second Xiangya Hospital of Central South University, China



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Day-2 (July 22, 2026)



12:15-12:40

Title: Modelling the Differentiation History of Fibrogenic Cells: A Rule-Based Computational Model of Fibrosis Progression and Reversion

Dr. Matthieu Bouguéon, University College London, UK

12:40-13:05

Title: Prevention of Nanoparticle Exposure from Combustion Engines and Harmful Nanosize Bioaerosols

Prof. Jan Czerwinski, VERT Scientific Committee, Switzerland



Lunch @ Restaurant (13:05-14:00)

Session-III Continues...

14:00-14:25

Title: Reusable Fiberglass and Polyester Combined Total Contact Cast System for Treatment of Plantar Diabetic Foot Ulcers: Efficacy and Cost-Effectiveness

Dr. Alper Erkin, Kocaeli Academy Hospital, Turkey



14:25-14:50

Title: From Biomarker to Burden? Troponin Utilisation, Cost and Prognostic Performance in 3,106 Consecutive Patients

Dr. Shirisha, Aneurin Health Board, UK



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Day-2 (July 22, 2026)

14:50-15:15

Title: Nursing knowledge in cardio-oncology: results of an international learning needs-assessment survey

Mary Stuart, IWK Health Centre, Canada



15:15-15:40



Title: miRNA-driven downregulation of cholesterol biosynthesis through SREBP2 inhibition suppresses uveal melanoma metastasis

Dr. Pierre Hardy, University of Montreal, Canada

15:40-16:05

Title: Disparities in seasonal influenza vaccination in Europe

Dr. Bram Palache, University of Amsterdam, Netherlands



Refreshment Break (16:05-16:25)

DAY 02 CONCLUDES

Vienna, Austria

International Conference
Day-2 (July 22, 2026)

VIRTUAL PROGRAM

JULY 22, 2026

CET Time Zone
09:00 AM

Meeting ID: 858 2178 6818

Passcode: Conf@2026

International Conference

Day-2 (July 22, 2026)



09:00-09:20

Title: Our Biology Working Against Us if We Want to Lose Weight

Prof. Joseph Proietto, University of Melbourne, Australia

09:20-09:40

Title: Epigenetic regulation in obesity-related kidney disease

Prof. Sonia Saad, Kolling Institute of Medical Research, University of Sydney, Australia



09:40-09:50 (Poster Presentation)

Title: The Hypothyroidism Conundrum in Thought Bubbles

Prof. Timothy Alexander Welborn, Australian Diabetes Society, Australia

09:50-10:10

Title: Molecular mechanisms of cardiovascular complications in intermittent hypoxia

Prof. Shin Takasawa, Nara Medical University, Japan



10:10-10:30



Title: Effect of D- β -Hydroxybutyric Acid on Body Fat in Japanese Adults: A Randomized, Double-Blind, Placebo-Controlled Study

Mr. Shohei Katsuya, Osaka Gas, Japan

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10:30-10:40 (Poster Presentation)



Title: Renin-independent aldosteronism and chronic kidney disease in diabetes: Observational and Mendelian randomization analyses

Dr. Yi Iuo, Department of Endocrinology, Bishan Hospital of Chongqing Medical University, Chongqing, 402760, China

10:40-11:00

Title: Stroke in individuals with hypertrophic cardiomyopathy and sleep apnea
Dr. Lin Chen, Cardiovascular Center, School of Medicine, China



11:00-11:20



Title: Clinical outcomes of frozen-thawed blastocysts with twice noninvasive chromosome screenings
Prof. Kai Deng, Hebei Maternity Hospital, China

11:20-11:40

Title: Muscle-derived Estrogen: metabolism, mechanisms, and exercise-induced changes
Prof. Rengfei SHI, Shanghai University of Sport, China



11:40-12:00



Title: Elevated Frontal QRS-T Angle as a Predictor of Cardiovascular Risk in Graves' Disease: A Comparative Study
Mr. Zhen-wang, The Second Affiliated Hospital of Anhui Medical University, China

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12:00-12:20

Title: TBA

Dr.Yao-Kuang Huang , Taipei Medical University, Taiwan



12:20-12:40



Title: Echinochrome guarding effect against sodium arsenite-induced hepatorenal toxicity in rats

Dr. Ahmed Abdelghany Damanhory, Batterjee Medical College, Saudi Arabia

12:40-13:00

Title: Real-World Evidence on Long COVID-19 in Greece: A Multicenter, Cross-Sectional Study (LONCOV2)

Dr. Panagiota Styliara, MENARINI HELLAS, Greece



13:00-13:20



Title: Arrhythmogenic risk of cenobamate in patients with myocardial lesions by inhibition of Nav1.5 and Cav1.2 ion channels

Bogdan Amuzescu, University of Bucharest, Romania

13:20-13:40

Title: When the Stream Refuses to Flow: Use of Three Paclitaxel-Releasing DCB Balloons for the Treatment of an Occluded RCA in an 81-Year-Old Patient With STEMI

Magdalena Kwiatkowska, Medical University of Warsaw, Poland



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Day-2 (July 22, 2026)



13:40-14:00

Title: Autoimmune diseases in type 1 diabetes: Often overlooked?

Dr. Ludwig-Schaaf, Max Planck Institute Psychiatry, Germany

14:00-14:20

Title: Utility of Breath-Holding Time in Monitoring Acute Neuromuscular Respiratory Failure in Bulbar-Onset Myasthenia Gravis: A Case Report

Dr. Saboor Zulfiqar, University Hospitals Birmingham NHS Trust, UK



14:20-14:40

Title: Hypertrophic Pulmonary Osteoarthropathy as an Initial Manifestation of Lung Cancer

Sarra K Mohamed Ahmed, Walsall healthcare NHs trust, UK

14:40-15:00

Title: Study risk factors, clinical profile, and outcome in hospitalized COVID-19 geriatric patients

Pankaj sahu, Salisbury NHS foundation trust, UK



15:00-15:20

Title: Students' Perspective on Integrating Online Clinical Scenarios with Virtual Anatomy Teaching

Abdulshakor S Ali, UK

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Day-2 (July 22, 2026)

15:20-15:40



Title: Telemedicine: a bridge over knowledge gaps in pediatric health care

Dr. Evelyn Eisenstein, University of the State of Rio de Janeiro, Brazil

15:40-15:50 (Poster Presentation)

Title: Effect of aged garlic extract on blood pressure and other cardiovascular markers in hypertensive patients and its relationship with dietary intake

Dr. Tiago Marcel Santos Vila-Nova, University of Sergipe, Brazil



15:50-16:10



Title: Combination of a Micronutrient Mixture, Probiotics, Omega3, and Collagen Peptides may Prevent and Improve Treatment of Diabetes

Prof. Kedar N Prasad, Engage Global, USA

16:10-16:30

Title: Outcomes of a Virtual 10-Week COVID-19 and Psychosis Program in an HMO:

Sallee & Renwick, Kaiser Permanente, North-America



16:30-16:50

Title: Emerging Consensus in Corticosteroid Therapy for Severe Community-Acquired Pneumonia: A Two-Decade Evidence Review

Dr. Alejandro chapa-rodriguez, Cape fear valley medical center, USA



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16:50-17:10



Title: Eliminating Hypoxia During Paralytic Intubation: A Progressive Animal Series

Dr. Chris Salvino, Saint Francis Health System, USA

17:10-17:20 (Poster Presentation)

Title: The Alive "Cardiac Voodoo" - Concomitant status epilepticus, atypical posterior reversible encephalopathy syndrome and Takotsubo cardiomyopathy

Dr. Luiza Harutyunyan's, California Touro University, USA



17:20-17:40

Title: Transthyretin cardiac (TTR) amyloidosis, polyneuropathy and dementia

Rodica Elena Petrea, California Touro University, USA

DAY 02 VIRTUAL SESSION CONCLUDES

Vienna, Austria



GLOBAL EXPERTS
ONE PLATFORM



INNOVATIVE RESEARCH
EVIDENCE BASED



INTERNATIONAL
COLLABORATION



BETTER HEALTHCARE
BETTER FUTURE



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