



# Challenges & Advancements in **Cardiology**:

# CARDIO



## WORLD CONGRESS-2026



Jun 29 - 30, 2026



Rome, Italy



**VENUE:**

**Hotel Belstay Roma Aurelia**

**ADDRESS:**

Via Bogliasco, 27, 00165 Roma RM, Italy



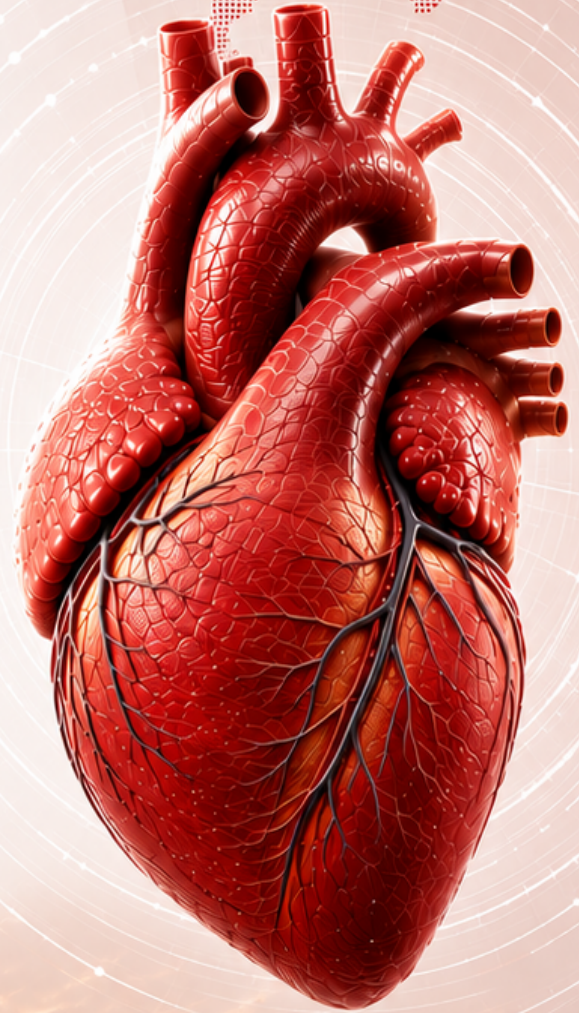
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# CARDIO WORLD CONGRESS-2026

Jun 29 - 30, 2026 at Rome, Italy

Day-1 (June-29)

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## Meeting Hall: PARIOLI 3+4

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Registrations 08:30-09:00

Opening Ceremony 09:00-09:10

09:10-09:15

Welcome Address by Prof. Riccardo Fenici, *Catholic University of Sacred Heart, Italy*

Moderator: Himani V. Bhatt, *Mount Sinai Health Systems, United States*

### Keynote Talks

09:15-09:45

**Cardiovascular Safety Across the Drug Development Lifecycle:  
Prucalopride as a Case Study**

Ashraf Youssef, *Takeda Pharmaceuticals, United States*

09:45-10:15

**After 60 years, is Magnetocardiography at a clinical breakthrough?**

Riccardo Fenici, *Catholic University of Sacred Heart, Italy*

10:15-10:45

**Supporting the Right Ventricle: Current Use of Temporary MCS for  
Right Ventricular Dysfunction**

Ioana Dumitru, *Tampa General Hospital/University of South Florida,  
United States*

Group Photo & Refreshment Break(10:45-11:00)

## Technical Session-I

### Session Chairs:

**Ashraf Youssef**, *Takeda Pharmaceuticals, United States*

**Ioana Dumitru**, *Tampa General Hospital/University of South Florida, United States*

**11:00-11:20**      **The blood-brain barrier crossing new peptidomimetic coumarin hybrids with a CF3 group, exhibiting antibacterial activity**

**Pawel Kowalczyk**, *IFZZ PAS, Poland*

**11:20-11:40**      **Development of Liver Failure with Associated Mortality Following Mechanical Circulatory Support**

**Kelsey Gore**, *Ochsner Health System, United States*

**11:40-12:00**      **Inflammation and perioperative cardio-vascular events**

**Radko Komadina**, *University of Ljubljana, Slovenia*

**12:00-12:20**      **ERACS and Multimodal Analgesia: is this is the answer to the Opioid Crisis in Cardiac patients?**

**Himani V. Bhatt**, *Mount Sinai Health Systems, United States*

**12:20-12:40**      **Surgical Cure Of Eisenmenger Patients**

**Randas JV Batista**, *VB Heart Foundation, Brazil*

**12:40-13:00**      **Beyond Ejection Fraction: Cardiometabolic MRI – Mapping Fibrosis, Oxygen, and Energetics**

**Jie Zheng**, *Washington University in St. Louis, United States*

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

## Technical Session-II

### Session Chairs:

Jie Zheng, *Washington University in St. Louis, United States*

Ruihai Zhou, *University of North Carolina at Chapel Hill, United States*

**14:00-14:20**      **Secondhand Smoke Exposure and Longitudinal Changes in Cardiac Structure and Function Among Children**

Yifei Hu, *China Capital Medical University, China*

**14:20-14:40**      **Using all the tools in the box: The Role of Ecpella and Hypothermic Machine Perfusion in Decompensated Giant Cell Myocarditis**

Claudio Soto, *St Vincent's Hospital, Australia*

**14:40-15:00**      **Ozonated oil and its effect on oral microbiota, wound healing, and cancer cell lines**

Filip Matuszewski, *Energomat ul. Nadbuzanska, Poland*

**15:00-15:20**      **Beyond Fibrillin-1: Elastic Fiber Assembly and Vascular Dysfunction in Marfan Syndrome**

Rodrigo Barbosa De Souza, *Faculty of Santa Marcelina, Brazil*

**15:20-15:40**      **Comparison of early mobilization protocols on postoperative cognitive dysfunction, pain, and length of hospital stay in patients undergoing coronary artery bypass graft surgery: A randomized controlled trial**

Leila Gholizadeh, *University of Technology Sydney, Australia*

**15:40-16:00**      **STEMI and beyond: The diagnostic pitfalls of localized ST elevations**

Ruihai Zhou, *University of North Carolina at Chapel Hill, United States*

Refreshment Break (16:00-16:20)

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**16:20-16:40**

**Is Family History for the Management of Cardiovascular Health in Youth Still Relevant in Clinical Practice?**

**Dima Turpin**, *Nemours Children's Health, United States*

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**16:40-17:00**

**The challenge of creativity**

**Flavia Cristina Kufner**, *Hospital do Rocio, Brazil*

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**17:00-17:20**

**Progress of triglyceride glucose-body mass index (TyG-BMI) as insulin resistance (IR) surrogate marker in various diseases**

**Sancong Pan**, *Jincheng People's Hospital, China*

**Panel Discussions & Day 1 Concludes**

# CARDIO WORLD CONGRESS-2026

Jun 29 - 30, 2026 at Rome, Italy

Day-2 (June 30)

**Moderator: Megha Talati, Vanderbilt University Medical Center, United states**

## Keynote Talks

**09:30-10:00**      **Functional imaging of nanodomains in cardiomyocytes with scanning ion conductance microscopy: new developments**

**Julia Gorelik, Imperial College London, United Kingdom**

**10:00-10:30**      **A Mathematical Ventriculoplasty as an "LVAD"**

**Randas JV Batista, VB Heart Foundation, Brazil**

## Refreshment Break (10:30-10:50)

## Technical Session-III

### Session Chairs:

**Julia Gorelik, Imperial College London, United Kingdom**

**Randas JV Batista, VB Heart Foundation, Brazil**

**10:50-11:10**      **Increased Lactate Can Promote Histone Lactylation In Failing Right Ventricular Cardiomyocytes In Pulmonary Arterial Hypertension**

**Megha Talati, Vanderbilt University Medical Center, United states**

**11:10-11:30**      **ERACS in KAMC-HC ... science and beyond**

**Ahmed Mohammed Galal Ahmed Farag, King Abdullah Medical City in Holy Capital, Saudi Arabia**

11:30-11:50	<b>Secondary hypertension and continuum of rising cases</b> Milos Mijalkovic, <i>Polyclinic Kardio Medika, Serbia</i>
11:50-12:10	<b>Association of Lower Noninvasive Fractional Flow Reserve Values with High-Risk Anatomic Characteristics in Pediatric Patients with Anomalous Coronary Arteries</b> Kanwal M Farooqi, <i>Columbia University Irving Medical Center, United States</i>
12:10-12:30	<b>Left Ventricular Global Longitudinal Strain Threshold for Identifying Significant Coronary Artery Disease</b> Aurora Bakalli, <i>University of Prishtina, Albania</i>
12:30-12:50	<b>Hospitalization Outcomes During Non-ST-Segment Elevation Myocardial Infraction (NSTEMI) In Patients with Chronic Heart Failure and End Stage Renal Disease</b> Omar Saeed, <i>Montefiore Medical Center, Albert Einstein College of Medicine, United States</i>

**Lunch Break @ Restaurant (12:50-13:50)**

#### **Technical Session-IV**

##### **Session Chair:**

Milos Mijalkovic, *Polyclinic Kardio Medika, Serbia*

13:50-14:10	<b>How to choose Patients for TEER Treatment in Mitral Regurgitation</b> Lin Chen, <i>Xinjiang Cardio-Cerebral-vascular Disease hospital, China</i>
14:10-14:30	<b>Role of apelin-36 in myocardial ischemia–reperfusion injury in patients with STEMI</b> Xhevdet Krasniqi, <i>University of Prishtina, Albania</i>
14:30-14:50	<b>HDL-bound microRNAs and acute myocardial infarction incidence in a population-based case-cohort study: HDL function- and insulin resistance-related functional analysis</b> Montserrat Fitó Colomer, <i>Consortio CIBER de Enfermedades Cardiovasculares, Spain</i>

## Poster Presentations(14:50-15:20)

**WCAC-I**

**Role of dipyridamole echocardiography in the early diagnosis of myocardial ischemia by evaluation of coronary flow**

**Faiza Bekakchi, *Chu setif, Algeria***

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**WCAC-II**

**Comparison of Three Metabolic Indicators (TyG Index, TyG-BMI, TG/HDL-C) in Predicting Long-term MACCEs Risk in Young and Middle-aged STEMI Patients**

**Ke Song, *Jincheng People's Hospital, China***

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**WCAC-III**

**Prevalence of Chagas Disease Among Patients Requiring Cardiac Implantable Electronic Devices in Natal-RN, Brazil**

**Sylton Arruda De Melo, *Hospital do Coracao, Brazil***

## Panel Discussions & Closing Ceremony

# Virtual Scientific Program

Central European Time (CET)



Join Zoom Meeting



Meeting ID: 850 6549 7575

Passcode: KBy3UZ

# CARDIO WORLD CONGRESS-2026

Jun 29 - 30, 2026 at Rome, Italy

Day-2 (June 30)

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## Virtual Scientific Program

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Day-2 (June 30, 2026), (CET Time zone)

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|-------------|---|
| 10:00-10:10 | <p><b>E-Poster:</b><br/><b>Development and Usability of an Advance Care Planning Website (My Voice) to Empower Patients With Heart Failure and Their Caregivers: Mixed Methods Study</b></p> <p>Vera Goh Jun Ling, <i>Singapore General Hospital, Singapore</i></p> |
| 10:10-10:30 | <p><b>When viral myocarditis meets thrombosis tendency: deep analysis of a complex case report</b></p> <p>Qian Ding, <i>Shanghai Fourth People's Hospital, China</i></p>  |
| 10:30-10:50 | <p><b>Application of Cardiac Shock Wave Therapy in Coronary Artery Disease</b></p> <p>Xinjian Li, <i>Cao County People's Hospital, China</i></p>  |
| 10:50-11:10 | <p><b>Iatrogenic Aortocoronary Dissection: Management and Outcomes</b></p> <p>Ravi Sankar Tulluru, <i>Christian Medical College and hospital, India</i></p>   |
| 11:10-11:30 | <p><b>The effects of the obesity paradox and In hospital and One-year Outcomes in Patients with STElevation Myocardial Infarction (STEMI): Result from a STEMI Registry</b></p> <p>Alireza Rai, <i>Kermanshah University of Medical Sciences, Iran</i></p>          |
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11:30-11:50	<b>Association of Grip Strength with Cardiovascular and All-cause Mortality in Urban Lithuanian Population</b>
	<b>Lolita Sileikiene</b> , <i>Lithuanian University of Health Sciences, Lithuania</i>
11:50-12:10	<b>Diagnostic value of cardiac biomarkers in myocardial injury</b>
	<b>Mamudije Luma</b> , <i>Clinical Hospital of Tetovo, North Republic of Macedonia</i>
12:10-12:30	<b>Serious iatrogenic complications: pulmonary vein stenosis after ablation of atrial Fibrillation</b>
	<b>Antonio L Bartorelli</b> , <i>University of Milan, Italy</i>
12:30-12:50	<b>The mechanisms underlying cardiac lipotoxicity and its implications and treatment potential to attenuate heart failure in metabolic disorders</b>
	<b>Wei Liu</b> , <i>University of Manchester, United Kingdom</i>
12:50-13:10	<b>Multimodality Imaging in Coronary Artery Anomalies: Current Standards and Future Perspectives</b>
	<b>Natasza Wanda Millan</b> , <i>Medical University of Silesia , Poland</i>
13:10-13:30	<b>Unusual Cause of Myocardial Infarction in a 3-Year-Old: Role of CMR in Diagnosis</b>
	<b>Heba Abdlhamid</b> , <i>Royal Brompton Hospital, United Kingdom</i>
13:30-13:50	<b>Improving the Quality of Syncope Referrals to Cardiology and Subsequent Pacemaker Implantation Decisions</b>
	<b>Tanawar Beig</b> , <i>West Hertfordshire Teaching Hospital, United Kingdom</i>
13:50-14:10	<b>Arteriovenous fistula in the aortic arch: a case report involving 3D models for surgical planning</b>
	<b>Clara Isabel Perez</b> , <i>Cruces University hospital, Spain</i>

14:10-14:30	<p><b>Perioperative Considerations in Endovascular Repair of the Ascending Aorta</b></p> <p><b>Seema Deshpande</b>, <i>University of Maryland School of Medicine, United States</i></p>
14:30-14:50	<p><b>Extracellular Vesicles Mediate Inflammasome Signaling In The Brain And Heart</b></p> <p><b>Juan Pablo de Rivero Vaccari</b>, <i>University of Miami Miller School of Medicine Miami, United States</i></p>
14:50-15:10	<p><b>Utilizing mHealth technology to tackle cardiovascular disease health disparities in racial and ethnic minorities: a multilevel strategy</b></p> <p><b>Stephanie M. Lopez-Neyman</b>, <i>University of Arkansas for Medical Sciences, United States</i></p>
15:10-15:30	<p><b>Mesenchymal Stem Cell Secretome in Ex-vivo Donor Heart Preservation</b></p> <p><b>Meijing Wang</b>, <i>Indiana University School of Medicine, United States</i></p>
15:30-15:50	<p><b>Tumor-like behavior of stromal cells in atherosclerosis</b></p> <p><b>Muredach Reilly</b>, <i>Columbia University Irving Medical Center, United States</i></p>
15:50-16:20	<p><b>Keynote Talk:</b>  <b>Contemporary Approach to Pharmacological and Mechanical Decongestion in Acute Heart Failure</b></p> <p><b>Amir Kazory</b>, <i>University of Florida, United States</i></p>
16:20-16:30	<p><b>E-Poster:</b>  <b>Safety of vaginal delivery in women with known peripartum cardiomyopathy</b></p> <p><b>Alyssa Naimi</b>, <i>Henry Ford Hospital, United States</i></p>
16:30-16:50	<p><b>Structure of ryanodine receptor 2 in heart failure and arrhythmogenic disorders</b></p> <p><b>Marco Miotto</b>, <i>Columbia University, United States</i></p>

**Closing Ceremony**







WE WISH TO SEE YOU AGAIN AT

Challenges & Advancements in Cardiology:

# Cardio World Congress 2027



June 28-29, 2027



Barcelona, Spain

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