



SOCIETÀ ITALIANA DI  
RICERCHE CARDIOVASCOLARI

NEW ROADS IN  
CARDIOVASCULAR  
RESEARCH

# SIRC FORUM 2022

1 LUGLIO  
2022

- DIPARTIMENTO DI BIOSCIENZE,  
BIOTECNOLOGIE E BIOFARMACEUTICA
- UNIVERSITÀ DEGLI STUDI DI BARI  
VIA EDOARDO ORABONA - 70125 BARI

[WWW.SIRC-CARDIO.IT](http://WWW.SIRC-CARDIO.IT)

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## SEGRETERIA SCIENTIFICA

- **Società Italiana di Ricerche Cardiovascolari**  
Via Irnerio, 48 – 40126 Bologna – Italy

## SEGRETARIO DEL FORUM

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## PROGRAM

- **09.00 – 16.00 New Board Elections**
- **08.15 Registration/Poster Fixing**
- **09.00 – 9.30 Welcome and Introduction**

(Prof. Tommaso Angelone, Ing. Antonio De Caro -Mayor of Bari or Ufficio di Gabinetto del Sindaco di Bari – Prof. Luigi Palmieri/Prof. Paola Nicchia-DBBB)
- **09.30 – 10.30 SYMPOSIUM #1: Cardiac Function and Dysfunction**

**CHAIRMEN:** Konstantinos Lefkimmiatis (University of Pavia) and Elisa Di Pasquale (CNR- Institute of Genetic and Biomedical Research (IRGB), UOS of Milan)

**9.30 – 9.45** “Selenoprotein T relieves obesity-induced heart failure and palmitate-induced lipotoxicity in H9c2 cardiomyocytes by mitigating endoplasmic reticulum stress and oxidative dysfunction”- DE BARTOLO Anna (University of Calabria)

**9.45 – 10.00** “Sympathetic neurons as newly identified players of morpho-functional changes of Arrhythmogenic Cardiomyopathy” – SCALCO Arianna (Veneto Institute of Molecular Medicine/University of Padua)

**10.00 – 10.15** “Dysregulation of mitochondria and metabolism related miRNAs in Fabry patients and their potential use as biomarkers of cardiac involvement” – GAMBARDELLA Jessica (Federico II University, Naples)

**10.15 – 10.30** “Effectiveness of novel NLRP3 inflammasome inhibitors as cardioprotective agents” – COMITA' Stefano (University of Turin)

- **10.30 – 11.00 Coffee Break and Poster View**

- **11.00 – 11.40 PLENARY LECTURE**

Introduced by Prof. T. Angelone – Chairpersons: Prof. F. Moccia and Prof. L. Munaron  
Professor **DOMENICO RIBATTI** (Dipartimento di Scienze Mediche di Base, Neuroscienze e Organi di Senso, UNIBA) – Title: **TUMOR ANGIOGENESIS. A STILL DEBATED QUESTION.**

- **11.40 – 12.40 SYMPOSIUM #2: Endothelium, Platelets and Coagulation**

**CHAIRMEN:** Astrid Parenti (University of Florence) and Paolo Poggio (Centro Cardiologico Monzino IRCCS, Milan)

**11.40 – 11.55** “Enduring ROS emission causes aberrant protein S-glutathionylation transitioning human aortic valve cells from a sclerotic to a stenotic phenotype” - VALERIO Vincenza (IRCCS Centro cardiologico Monzino)

**11.55 – 12.10** “Oxidative stress induces remodelling of the Ca<sup>2+</sup> handling machinery in human aortic valve endothelial cells from patients with calcific aortic stenosis” – FARIS Pawan (University of Pavia)

**12.10 – 12.25** “Gene silencing of endothelial von Willebrand Factor counteracting SARS-CoV-2 infection of human endothelial cells as an innovative way to treat long COVID19 patients” – FURINI Giulia (Scuola Superiore Sant’Anna, Pisa)

**12.25 – 12.40** “Neuropilin 1 mainly acts as a mediator of chemorepulsive cues during zebrafish trunk vascularisation” – GUZZOLINO Elena (Meyer Children’s Hospital, Firenze)

- **12.40 – 14.00 Lunch Buffet**

- **14.00 – 15.00 Poster view**

- **15.00 – 16.00 SYMPOSIUM #3: Cardiovascular Prevention**

**CHAIRMEN:** Teresa Pasqua (University of Catanzaro) and Monica Carmosino (University of Basilicata)

**15.00 – 15.15** “Doxorubicin promotes a cardiac metabolic switch from an oxidative metabolism to glycolysis through a PI3Ky-dependent mechanism” - RUSSO Michele (University of Turin)

**15.15 – 15.30** “Cardiac Electromechanical Delay Evaluation in Monocrotaline-treated Rats” – LO MUZIO Francesco Paolo (University of Parma)

**15.30 – 15.45** “Investigating the Basis of Nuclear PKA Regulation with Targeted FRET-Based Sensors” – CONCA Filippo (University of Pavia)

**15.45 – 16.00** “Exercise-Induced Pulmonary Hypertension Is Associated with High Cardiovascular Risk in Patients with HIV” – RIDOLFI Lorenzo (Azienda Ospedaliera Universitaria Pisana/University of Pisa)

- **16.00 – 16.30 Coffee Break**

- **16.30 – 17.00 Premio TITO MANCARDI**

- **17.00 – 17.15 Oral and Poster Presentation Awards**

- **17.15 – 18.00 Meeting of the SIRC Assembly**