



**VILLA EUR CONFERENCE CENTRE**  
**Rome, ITALY**



**GREAT XVII INTERNATIONAL MEETING**

**October 17<sup>th</sup> – 18<sup>th</sup> 2024**

**ROME - ITALY**

**PRELIMINARY PROGRAMME**



## **GREAT SCIENTIFIC COMMITTEE**

**Christian Mueller  
Salvatore Di Somma  
Alexandre Mebazaa**

## **SCIENTIFIC SECRETARIAT**

**GREAT - Global Research on Acute Conditions Team**

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## **CONGRESS VENUE**

**Hotel Villa EUR**

**Piazzale Marcellino Champagnat 2 - ROMA**



**2024 GREAT – XVII INTERNATIONAL MEETING**

**October 17<sup>th</sup> – 18<sup>th</sup> 2024**

**Rome, Italy**



## GREAT XVII INTERNATIONAL MEETING 2024, Rome Programme

**Thursday, October 17, 2024**

**12.30 – 12.40 WELCOME** S. Di Somma, A. Mebazaa, Ch. Mueller

**12.40 – 13.55 STATE OF THE ART Technology & Master lectures**  
(10 min presentation, 5 min discussion)

*Chairs: Salvatore Di Somma (Italy), Christian Mueller (Switzerland)*

12.40 – 12.55 One Roche CVRM, how  $1+1=3$   
*Gesa Albert (Roche)*

12.55 – 13.10 High-sensitivity troponin testing: from point-of-care to the lab  
*Andrea Ott-Vasconi (Quidel-Ortho)*

13.10 – 13.25 Validation of Novel Equations for Estimating LDL-Cholesterol Levels  
*Hyun Suk Yang (South Korea)*

13.25 – 13.40 Respiratory failure in acute heart failure  
*Josep Masip (Spain)*

13.40 – 13.55 Is AI going to take my job?  
*Frank Peacock (US)*

**13.55 – 14.20 Coffee Break**

**14.20 – 16.00 Patients presenting with acute chest discomfort to the ED**

**Young experts on stage:**

(7 min presentation = 7 slides, 3 min discussion)

*Chairs: Alexandre Mebazaa (France), Nick Mills (Scotland)*

14.20 – 14.30 Variation in the adoption of cardiac troponin in practice  
*Michael McDermott (Scotland)*

14.30 – 14.40 Hs-cTnI versus No-testing-rule to avoid unnecessary imaging  
*Jinju Elavathingal (Switzerland)*

14.40 – 14.50 Can we do better than the NOT-rule? Insights from ML  
*Tzu-Ying Tsao (Switzerland)*

14.50 – 15.00 Machine Learning vs Abbott sex specific 99 percentile cut off vs European 0-2 hours algorithm.  
*Ziwei Lin (Singapore)*

**Thursday, October 17, 2024**

- 15.00 – 15.10 Point-of-care high sensitivity cardiac troponin  
*Yong Yong Tew (Scotland)*
- 15.10 – 15.20 Does hemolysis matter for the interpretation of hs-cTnT?  
*Laura Pedrini (Switzerland)*
- 15.20 – 15.30 Gen-4-AI: generalizable ML to diagnose NSTEMI  
*Arnaud Champetier (Switzerland)*
- 15.30 – 15.40 ML for POC-hs-cTnI-based immediate rule-out  
*Betul Toprak (Germany)*
- 15.40 – 15.50 Detection of Occlusion MI: novel approaches  
*Lea Kirsten (Switzerland)*
- 15.50 – 16.00 Patients with history of CABG: utility of cMyC  
*Rebekka Odermatt (Switzerland)*
- 16.00 – 16.10 Can risk scores inform coronary imaging in the observe zone?  
*Freddy Thourston (Scotland)*

**16.10 – 17.10 Senior Scientist Lectures:**

(10 min presentation, 5 min discussion)

*Chairs: Frank Peacock (US), Torbjørn Omland (Norway)*

- 16.10 – 16.25 Complex interventions in type 2 myocardial infarction  
*Caelan Taggart (Scotland)*
- 16.25 – 16.40 Machine learning for the diagnosis of myocardial infarction  
*Dimitrios Doudesis (Scotland)*
- 16.40 – 16.55 How much perioperative myocardial injury is necessary to be called PMI after noncardiac surgery  
*Christian Puelacher (Austria/Switzerland)*
- 16.55 – 17.10 Clinical performance of a new POC hs-cTnI assay  
*Luca Koechlin (Switzerland)*

**17.10 – 17.30 Coffee Break**

**17.30 – 19.15 CVD & MI**

**Master Lectures:** (10 min presentation, 5 min discussion)

*Chairs: Josep Masip (Spain), Hyun Suk Yang (South Korea)*

- 17.30 – 17.45 Secretoneurin: novel biomarker for risk stratification in CVD and critical illness  
*Torbjørn Omland (Norway)*
- 17.45 – 18.00 Traditional and novel CV risk factors  
*Raphael Twerenbold (Germany)*

## GREAT XVII INTERNATIONAL MEETING 2024, Rome

**Thursday, October 17, 2024**

- 18.00 – 18.15 POC hs-cTn testing: Past, present, and future  
*Johannes Neumann (Germany)*
- 18.15 – 18.30 Differences in the release of cTnT versus cTnI  
*Anna Marsano (Switzerland)*
- 18.30 – 18.45 Sepsis in the ER  
*Mina Hur (South Korea)*
- 18.45 – 19.00 Risk stratification algorithm for 30-day acute myocardial infarction by Troponin I which one is more accurate?  
*Swee Han Lim (Singapore)*
- 19.00 – 19.15 ATHENIAN: Pragmatic trial related to antibiotic use for patients with viral infections  
*Magnus Lyngbakken (Norway)*

**WELCOME DINNER**

**Friday, October 18, 2024**

- 8.30 – 10.00 HF, ED, & STEMI - Young experts on stage:**  
(7 min presentation = 7 slides, 3 min discussion)  
*Chairs: Salvatore Di Somma (Italy), Lenka Spinarova (Czech Republic)*
- 8.30 – 8.40 A complex treatment and development of cardiac biomarkers in ATTR amyloidosis  
*Karolina Motilová (Czech Republic)*
- 8.40 – 8.50 The added prognostic value of Interleukin-6 in patients with Acute heart failure in the emergency department  
*Engy Riead (Italy)*
- 8.50 – 9.00 Natriuretic peptides, age and the diagnosis of acute heart failure  
*Daniel Perez Vicencio (Scotland)*
- 9.00 – 9.10 Influence of risk factors on the mortality of patients without cardiogenic shock in acute ST-segment elevation myocardial infarction treated with primary angioplasty  
*Zuzana Komorová (Czech Republic)*
- 9.10 – 9.20 Risk stratification of AHF patients with a multiple biomarker approach: differences between reduced and preserved LVEF  
*Luca Crisanti (Italy)*
- 9.20 – 9.30 Novel biomarkers in the detection of organ hypoperfusion in patients with cardiogenic shock  
*Jan Stasek (Czech Republic)*
- 9.30 – 9.40 Prognosis of patients with prediabetes after STEMI  
*Tomáš Ondrůš (Czech Republic)*
- 9.40 – 9.50 One-year outcome in the First 100 Patients after Transcatheter Aortic Valve Implantation  
*Jonas Pokorny (Czech Republic)*
- 9.50 – 10.00 ACE 4 Study: pragmatic randomized controlled trial of early biomarker measurements and structured feedback in unselected patients with tachypnea.  
*Rahul Bhatnagar (Norway)*
- 10.00 – 10.10 Risk prediction of older fallers with biomarkers  
*Tanguy Espejo (Switzerland)*
- 10.10 – 10.30 **Coffee Break**



## GREAT XVII INTERNATIONAL MEETING 2024, Rome

**Friday, October 18, 2024**

**10.30 – 12.00 Master Lecture** (10 min presentation, 5 min discussion)

*Chairs: Han Seoul-Heui (South Korea), Kurt Huber (Austria)*

10.30 – 10.45 Natriuretic peptides : past, present and future

*Lenka Spinarova (Czech Republic)*

10.45 – 11.00 Management of Hypertension in Pregnancy

*Thenral Socrates (Switzerland)*

11.00 – 11.15 How to work-up patients with falls

*Christian Nickel (Switzerland)*

11.15 – 11.30 Individual secondary prevention in high-risk patients after ACS:

Strike early and strong

*Kurt Huber (Austria)*

11.30 – 11.45 How to get the most out of AHF hospitalization and early post-discharge period?

*Veli Pekka Harjola (Finland)*

11.45 – 12.00 Infection and Vaccination in AHF

*Mucio Tavares Oliveira jr. (Brazil)*

12.00 – 13.15 **Senior Scientist Lecture** (10 min presentation, 5 min discussion):  
**Novelties in the Diagnosis of Cardiac and renal diseases**

*Chairs: Helge Rosjo (Norway), Nick Mills (Scotland)*

12.00 – 12.15 New eGFR equations in the general population

*Hanah Kim (South Korea)*

12.15 – 12.30 Lipoprotein (a) and coronary artery disease

*Ryan Wereski (Scotland)*

12.30 – 12.45 Dyspnea in cancer patients: insights into diagnosis and prognosis

*Paolo Bima (Italy & Switzerland)*

12.45 – 13.00 Predictors of HF readmission and all-cause mortality in patients with AHF

*Caroline Espersen (US)*

13.00 – 13.15 Carotid Ultrasound to detect functionally relevant CAD

*Ganna Isayeva (Ukraine/Switzerland)*

**Lunch**

## GREAT XVII INTERNATIONAL MEETING 2024, Rome

**Friday, October 18, 2024**

**14.15 – 15.15 ED - Young experts on stage:**

(7 min presentation = 7 slides, 3 min discussion)

*Chairs: Frank Peacock (US), Maria Pia Ruggeri (Italy)*

14.15 - 14.25 Utility of IGFBP7 in patients with acute dyspnoe

*Condruta Popescu (Switzerland)*

14.25 - 14.35 Sex specific pain characteristics in urgent abdominal pain

*Markus Mutke (Switzerland)*

14.35 – 14.45 The role of DPP3 in risk stratification of critical patients in the ED

*Giacomo Fidelio (Italy)*

14.45 – 14.55 Preliminary results from marker C and marker D

*Noah Erceg (Switzerland)*

14.55 – 15.05 Is rhabdomyolysis a noncardiac source of cTnT?

*Chiara Bianchi (Switzerland)*

15.05 – 15.15 Antibiotic Prophylaxis in Open Fractures Among Polytrauma Patients: Impact on Ventilator-Associated Pneumonia Incidence

*Johan Muchardt (France)*

15.15 – 15.25 Exhaled acetone in advanced HF

*Daniella Motta (Brasil)*

**15.25 – 16.25 ICU & AKI - Young experts on stage:**

(7 min presentation = 7 slides, 3 min discussion)

*Chairs: Alexandre Mebazaa (France), Mina Hur (South Korea)*

15.25 - 15.35 Pathophysiology of cardiac dysfunction post AKI : CD146-

Galectin 3 in acute reno-cardiac syndrome

*Angèle Garcia (France)*

15.35 - 15.45 Source and mechanism of Dipeptidyl peptidase 3 (DPP3) release in pathological situations

*Noma Assad (France)*

15.45 - 15.55 Early mobilization in patients with subarachnoid hemorrhage : a systematic review with meta-analysis

*Adela Foudhaili (France)*

15.55 – 16.05 Post-ICU Biomarkers: Predicting Post-Recovery Outcomes in Critical Care Patients

*Abderrahmane Boustia (France)*



**Friday, October 18, 2024**

- 16.05 – 16.15 Role of Peptidylglycine  $\alpha$ -Amidating Monooxygenase on vascular endothelium and blood-brain barrier in sepsis and septic shock  
*Maxime Zalk (France)*
- 16.15 – 16.25 DPP3 and renal ischemia reperfusion-induced acute kidney injury  
*Nathan Julian (France)*
- 16.25 – 16.45 **Coffee Break**
- 16.45 – 18.05 **Cardiac complications following noncardiac surgery, & General Population**  
**Young experts on stage** (7 min presentation:7 slides, 3 min discussion)  
*Chairs: Mucio Tavares Oliveira jr.(Brazil), Roland Bingisser (Switzerland)*
- 16.45 – 16.55 Resource use of active surveillance for PMI  
*Mirjam Pargger (Switzerland)*
- 16.55 – 17.05 GDF-15 for prediction of cardiac complications following noncardiac surgery  
*Vithushan Ratnarasa (Switzerland)*
- 17.05 – 17.15 Cardiac complications after arterial vascular surgery  
*Vanessa Thommen (Switzerland)*
- 17.15 – 17.25 Predicting CAD in a high-risk population by phonocardiography and cardiovascular biomarkers  
*Marie Muthspiel (Austria)*
- 17.25 – 17.35 Effects of LDL-C reduction agents (bempedoic acid, inclisiran) and SGLT2-inhibitors on platelet function  
*Benjamin Panzer (Austria)*
- 17.35 – 17.45 Cardiac troponin I and T for risk stratification in the general population  
*Marie de Bakker (Scotland)*
- 17.45 – 17.55 Epidemiology of acute chest pain  
*Anna Porwit (Switzerland)*
- 17.55 – 18.05 Strengths & Limitations of remote monitoring in clinical trials  
*Iryna Vyshnesvska (Ukraine/Switzerland)*

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**Friday, October 18, 2024**

18.05 – 19.05 **HF, ICU & AKI**

**Senior Scientist Lecture** (10 min presentation, 5 min discussion)

*Chairs: Pasquale Pignatelli (Italy), Hyun Suk Yang (South Korea)*

18.05 – 18.20 Machine learning for the diagnosis of heart failure

*Ken Lee (Scotland)*

18.20 – 18.35 Ilomedin in Septic Shock With Persistent Microperfusion

Defects: I-micro study

*Francois Dépret (France)*

18.35 – 18.50 DPP3 in cancer and chemotherapy-induced cardiac dysfunction

*Hugo Nordin (France)*

18.50 – 19.35 **Master Lectures:** (10 min presentation, 5 min discussion)

*Chairs: Salvatore Di Somma (Italy), Frank Peacock (US)*

18.50 – 19.05 Infarct-like myocarditis, diagnosis and prognosis

*Jiri Parenica (Czech Republic)*

19.05 – 19.20 Analytical characteristics of a new POC hs-cTnI assay

*Helge Røsjø (Norway)*

19.20 – 19.35 Update on cardiovascular disease in NASH

*David Brenner (US)*

19.35 – 19.45 **Closing remarks & Farewell**

*S. Di Somma, A. Mebazaa, Ch. Mueller*

**Dinner & Awards**

## **GREAT XVII INTERNATIONAL MEETING 2024, Rome**

### **Young Investigator Award**

**1° 800 Euro**

**2° 650 Euro**

**3° 500 Euro (2x)**

### **Senior Investigator Award**

**1° 800 Euro**

**2° 650 Euro**

**3° 500 Euro**

### **Young & Senior Investigator Award Committee**

Prof. Frank Peacock (US, Chair)

Prof. Maria Pia Ruggeri (Italy)

Prof. Mucio Tavares Oliveira jr (Brasil)

Prof. Josep Masip (Spain)

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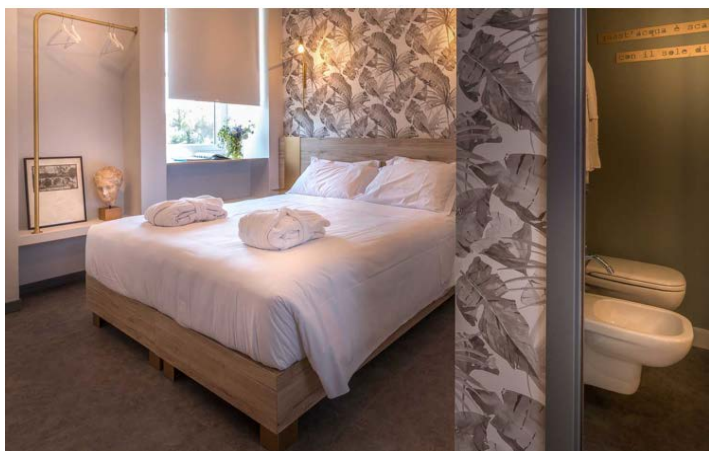


## GREAT XVII INTERNATIONAL MEETING 2024

### HOTEL INFORMATION

HOTEL Villa EUR - Piazzale Marcellino Champagnat 2 – Rome

Phone: +39 06 54220627 <https://www.villaeur.com/en/>



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## GREAT XVII INTERNATIONAL MEETING 2024

### TRAVEL INFORMATION

#### HOW TO ARRIVE TO HOTEL VILLA EUR

- From Fiumicino Airport it will take approx. 20 minutes by taxi.
- From Fiumicino Airport, using public transportation: Take the train “Leonardo Express” departing every 15 min. to “Roma Termini” Train Station (30 min) [www.trenitalia.com/en/services/fiumicino\\_airport.html](http://www.trenitalia.com/en/services/fiumicino_airport.html). From Termini, take the Metro Line B – Direction LAURENTINA and get off at «Laurentina» (22 minutes – 11 stops). Going out from the Metro Station, Hotel Villa Eur is a 14-minute walk from Laurentina Underground Station.
- From Ciampino Airport using public transportation:

Take the “SIT” shuttle bus to “Roma Termini” Train Station (40 min)

<https://www.sitbusshuttle.com/en/stops-and-timetables/timetable-ciampino-rome>

From Termini, take the Metro Line B – Direction LAURENTINA and get off at «Laurentina» (22 minutes – 11 stops). Going out from the Metro Station, Hotel Villa Eur is a 14 minute walk from Laurentina Underground Station.





## GREAT XVII INTERNATIONAL MEETING 2024

### OUR SUPPORTING PARTNERS



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