

M&PD 2024

 **ESC**
Working Group
Myocardial &
Pericardial Diseases

THE ANNUAL MEETING OF THE
ESC WORKING GROUP ON
MYOCARDIAL & PERICARDIAL
DISEASES

3-4 OCTOBER
ATHENS, GREECE

ENDORSED BY:



SCIENTIFIC PROGRAMME

M&PD 2024

THE ANNUAL MEETING OF THE ESC WORKING GROUP ON MYOCARDIAL & PERICARDIAL DISEASES

SCIENTIFIC PROGRAMME

October 3rd, 2024

Room A

09:00-10:00 **CARDIOMYOPATHY MEDLEY FOR CLINICAL PRACTICE**

Chairs: **Enrico Ammirati** (Italy), **George Efthimiadis** (Greece)

- Left ventricular non-compaction/hypertrabeculation cardiomyopathy:
What does the future hold?
Michael Papadakis (UK)
- Arrhythmogenic cardiomyopathy: A terminology still relevant?
Antonis Pantazis (UK)
- Paediatric/syndromic cardiomyopathies.
What the adult cardiologist should not miss
Juan Pablo Kaski (UK)
- Dilated heart with preserved ejection fraction in the young and athletes.
Athletic heart or subclinical cardiomyopathy
Aris Anastasakis (Greece)

10:00-10:30 **Claudio Rapezzi Lecture**

Chairs: **Carsten Tschoepe** (Germany), **Costas Tsioufis** (Greece)

- ESC Cardiomyopathy guidelines: A review after one year of implementation
Perry Elliott (UK)

10:30-11:00 **COFFEE BREAK AND POSTERS**

Chairs: **Spiros Maragoudakis** (Greece), **Maria Touloupaki** (Greece)

11:00-12:00 **Inaugural session**

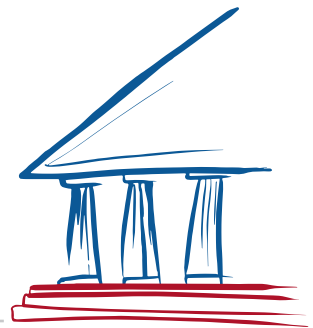
Chairs: **Massimo Imazio** (Italy), **Carsten Tschoepe** (Germany),
Andrea Frustaci (Italy), **George Lazaros** (Greece), **Costas Tsioufis** (Greece),
Aris Anastassakis (Greece), **Charalambos Vlachopoulos** (Greece),
George Kochiadakis (President of the Hellenic Society of Cardiology, Greece)

- Naxos Disease. A tribute to Nikos Protonotarios
Adalena Tsatsopoulou (Greece)

12:00-13:00 **Clinical update on risk stratification in cardiomyopathies**

Chairs: **Marco Merlo** (Italy), **Perry Elliot** (UK)

- Hypertrophic cardiomyopathy
Petr Kuchynka (Czech Republic)
- Arrhythmogenic right ventricular cardiomyopathy
Aris Anastasakis (Greece)
- Dilated cardiomyopathy
Juan Pablo Kaski (UK)
- Cardiac sarcoidosis
Jeanette Schulz-Menger (Germany)



3-4 OCTOBER ATHENS, GREECE

October 3rd, 2024 Room A

13:00-14:00 LUNCH (& SATELLITE SYMPOSIUM)

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14:00-15:00 **Joint session with HFA. Practical issues in dilated cardiomyopathy**

Chairs: Gerasimos Filippatos (Greece), **Leslie Cooper** (USA),

Arsen Ristic (Serbia)

- Medical treatment of heart failure in cardiomyopathies
Ivana Veljic (Serbia)
- Heart failure with improved ejection fraction.
Understanding the distinct entity
Marco Merlo (Italy)
- Cardiovascular manifestations of eosinophilic myocarditis: Real world data
Enrico Ammirati (Italy)
- The Microbiome in Myocarditis and Heart Failure -
what the cardiologist needs to know
Carsten Tschoepe (Germany)

15:00-16:00 **Hypertrophic cardiomyopathy update (Educational Grant by BMS)**

Chairs: Andrea Frustacci (Italy), **Carsten Tschoepe** (Germany)

- Conventional drug therapy of hypertrophic cardiomyopathy:
Little evidence but standard practice
Petr Kuchynka (Czech Republic)
- Myosin inhibitors for hypertrophic cardiomyopathy:
Exciting days and managing expectations
Carsten Tschoepe (Germany)
- The LVOT management service: How to deliver effectively
Antonis Pantazis (UK)
- All you need to know about alcohol septal ablation
for hypertrophic cardiomyopathy
Angelos Rigopoulos (Greece)

16:00-16:30 COFFEE BREAK AND POSTERS

Chairs: Wolfgang Jan Gröschel (Germany), **Ivana Burazor** (Serbia)

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Room A

16:30-17:30 YOUNG INVESTIGATOR AWARDS

Alexios Antonopoulos (Greece), **Alexandros Kasiakogias** (Greece)

Valentino Collini (Italy)

**The top-3 abstracts, and clinical cases will be presented
by the respective authors**

OP 01

IMPACT OF HIGH INTENSITY AND LONG DURATION EXERCISE IN GENETIC
ARRHYTHMOGENIC LEFT VENTRICULAR CARDIOMYOPATHY

OP 02

AUTOANTIBODIES TARGETING THE INTERLEUKIN-1 RECEPTOR ANTAGONIST IN
RECURRENT IDIOPATHIC PERICARDITIS: INSIGHTS FROM THE PERIPLO STUDY

OP 03

INFLUENCE OF TAFAMIDIS ON THE CELLULAR AND MOLECULAR RESPONSES OF
CARDIAC TISSUE OF PATIENTS WITH ATTR AMYLOIDOSIS AND ATRIAL
ARRHYTHMIAS, AND THEIR CLINICAL IMPLICATIONS

OP 04

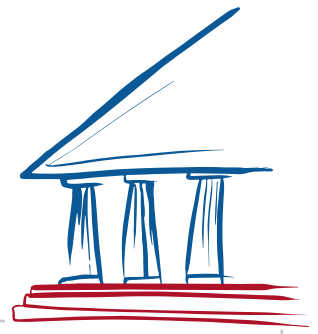
ANAKINRA DURING PREGNANCY AND LACTATION FOR RECURRENT
CORTICOSTEROID-DEPENDENT PERICARDITIS

OP 05

HOW TO TRIGGER MYOCARDIUM? SUCCESSFULLY TREATED HIV PROVOKES
AUTOIMMUNE MYOCARDITIS

OP 06

NON-DILATED LEFT VENTRICULAR CARDIOMYOPATHY PRESENTING WITH
MYOCARDITIS, VENTRICULAR ARRHYTHMIAS AND RING-LIKE FIBROSIS
ASSOCIATED WITH A MISSENSE VARIANT IN THE DESMIN GENE



3-4 OCTOBER ATHENS, GREECE

October 3rd, 2024 Room B

09:00-10:00 **Clinical update on pericardial diseases:**

How should these challenging patients be treated?

Chairs: Marzia De Biasio (Italy), **Arsen Ristic** (Serbia)

- Pericarditis and myopericarditis: one or two distinct diseases
Valentino Collini (Italy)
- Inflammation and genetics in recurrent pericarditis
Massimo Imazio (Italy)
- Large non-inflammatory pericardial effusions
George Lazaros (Greece)
- Constrictive physiology with and without pericardial inflammation
Arsen Ristic (Serbia)

10:00-10:30 **Shabetai Spodick lecture**

Chairs: George Lazaros (Greece), **Angelos Rigopoulos** (Greece)

- Has the time to replace steroids with interleukin-1 blockers in recurrent pericarditis come?
Allan Klein (USA) - **Recorded presentation**

10:30-11:00 **COFFEE BREAK AND POSTERS**

11:00-12:00 **Inaugural session (Room A)**

12:00-13:00 **Hot topics in pericardial syndromes**

Chairs: Antonio Brucato (Italy), **George Lazaros** (Greece)

- Management of pericarditis with near-normal CRP
Marzia di Biasio (Italy)
- Exercise recommendations in patients with pericarditis
Edoardo Conte (Italy)
- Age and gender specific features of acute pericarditis
Antonio Brucato (Italy)
- Personalized treatment for recurrent pericarditis
Massimo Imazio (Italy)

13:00-14:00 **LUNCH (& SATELLITE SYMPOSIUM)**

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THE ANNUAL MEETING OF THE ESC WORKING GROUP ON MYOCARDIAL & PERICARDIAL DISEASES

October 3rd, 2024

Room B

14:00-15:00 **How to manage concurrent findings in cardiomyopathies**

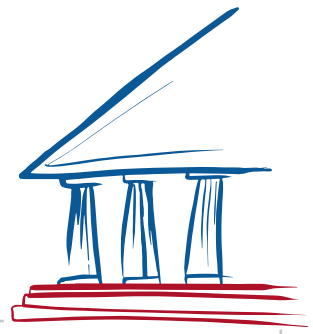
Chairs: Maurits Sicking (Netherlands), **Eleni Nakou** (UK)

- The dilated aorta: when to suspect an aortopathy, when to refer and when to consider genetic testing
Maite Tome Esteban (UK)
- Management of atrial fibrillation in cardiomyopathies
Maria Touloupaki (Greece)
- Epicardial coronary artery disease
Dimitris Terentes-Printzios (Greece)
- Microvascular dysfunction
Angelos Rigopoulos (Greece)

15:00-16:00 **Phenotyping in dilated/non-dilated cardiomyopathy:
From genes to therapy**

Chairs: Enrico Ammirati (Italy), **Maria Marketou** (Greece)

- Dilated cardiomyopathy due to Titin variants
Lorenzo Monserrat (Spain)
- LMNA cardiomyopathy
Thomas Gossios (Greece)
- Filamin C cardiomyopathy
Alexandros Kasiakogias (Greece)
- Desmoplakin cardiomyopathy
Alexios Antonopoulos (Greece)



3-4 OCTOBER ATHENS, GREECE

October 4th, 2024 Room A

08:30-09:30 **Inflammation, the great unknown. Myocarditis and associated conditions**

Chairs: Stamatis Adamopoulos (Greece), **Alida Caforio** (Italy)

- Inflammation in genetic cardiomyopathies: Pathophysiology, prevalence, and considerations for treatment
Efstathios Papatheodorou (Greece)
- Clinical management of myocarditis: Standard practice and unmet needs
Andrea Frustaci (Italy)
- Treatment strategies of inflammatory cardiac involvement in connective tissue disorders
Alida Caforio (Italy)
- Immune alterations and modulation in dilated cardiomyopathies
Maurits Sicking (Netherlands)

09:30-10:30 **Updates in cardiac amyloidosis**

Chairs: Petr Kuchynka (Czech Republic), **Alexandros Briasoulis** (Greece)

- Diagnosis of amyloidosis: Case examples of atypical cases
Alexandros Briasoulis (Greece)
- Challenges and unmet needs in amyloidosis management
Alexios Antonopoulos (Greece)
- Risk stratification in cardiac amyloidosis
Charalambos Vlachopoulos (Greece)
- Challenges in tissue biopsy for diagnosis and subtyping of amyloidosis
Mary Sheppard (UK)

10:30-11:00 **COFFEE BREAK AND POSTERS**

Chairs: Dimitra Antonakaki (Greece), **Emmanouil Androulakis** (UK)

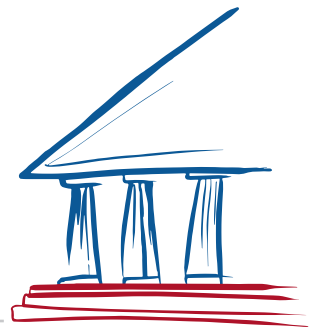
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October 4th, 2024

Room A

- 11:00-12:00** **The expert view. Pericardial diseases: what we know and what we need to learn**
Chairs: Massimo Imazio (Italy), **Antonio Brucato** (Italy)
- Cardiac tamponade: diagnostic work-up and management
Ivana Burazor (Serbia)
 - Refractory recurrent pericarditis. How long can it last?
Elisa Ceriani (Italy)
 - Post-operative management of patients following pericardiectomy
Vartan Mardiyan (Canada)
 - COVID-19 disease and vaccination as a cause of myocarditis and pericarditis
Jan Wolfgang Gröschel (Germany)
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- 12:00-13:00** **Joint session with EHRA: Channelopathies**
Chairs: Stylianos Tzeis (Greece), **Lia Crotti** (Italy)
- Treatment and risk stratification of CPVT: Current status
Stylianos Tzeis (Greece)
 - Brugada syndrome: Tips and tricks in diagnosis
Konstantinos Letsas (Greece)
 - SCN5A phenotypes and their clinical management
Marco Merlo (Italy)
 - New insights into the Long QT syndrome
Lia Crotti (Italy)
- 13:00-14:00** **LUNCH (& SATELLITE SYMPOSIUM)** **PAGE 12**
- 14:00-15:00** **Treating metabolic and infiltrative diseases**
Chairs: Thomas Gossios (Greece), **Antonis Pantazis** (UK)
- Treatment strategies of cardiac sarcoidosis: A practical guide
Bettina Heidecker (Germany)
 - Fabry's disease
Thomas Gossios (Greece)
 - Mitochondrial diseases
Adalena Tsatsopoulou (Greece)
 - Muscular Dystrophies
Athanasios Kordalis (Greece)



3-4 OCTOBER ATHENS, GREECE

October 4th, 2024 **Room A**

15:00-16:00 **Setting up a national cardiomyopathy network: the Greek experience**

Panelists: **Panos Vardas** (Greece), **Costas Tsioufis** (Greece)

Aris Anastasakis (Greece), **Maria Marketou** (Greece),
Alexandros Patrianakos (Greece), **George Efthimiadis** (Greece),
Charalambos Vlachopoulos (Greece), **Michael Papadakis** (UK)

Short presentation on the Greek network of precision medicine
and open discussion

16:00-16:30 **Keynote Lecture**

Chairs: **Bettina Heidecker** (Germany), **Carsten Tschoepe** (Germany)

• TBA

Leslie Cooper (USA)

16:30-16:45 **Closing remarks:** **Massimo Imazio** (Italy), **Carsten Tschoepe** (Germany),
Andrea Frustaci (Italy), **George Lazaros** (Greece)

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ON MYOCARDIAL & VALVULAR DISEASES

October 4th, 2024

Room B

08:30-09:30 **Cardiomyopathies and pregnancy**

Chairs: **Emmanouil Foukarakis** (Greece), **Johanna Kuusisto** (Finland)

- Setting up a cardio-obstetric clinic: Team members and services
Maite Tome (UK)
- Risk assessment and medication management before pregnancy
Eleni Nakou (UK)
- Clinical deterioration in patients with cardiomyopathy: what to expect and how to manage
Alexandra Frogoudaki (Greece)
- Key points of family planning and preconception counselling
Lia Crotti (Italy)

09:30-10:30 **Update on multimodality imaging of cardiomyopathies**

Chairs: **Jeanette Schulz-Menger** (Germany), **Andre Karen** (Israel)

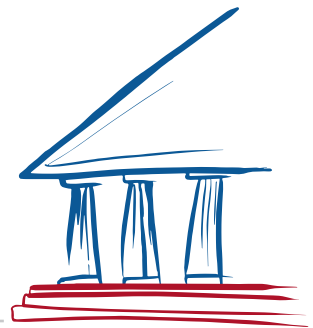
- Novel diagnostic tools in myocarditis
Bettina Heidecker (Germany)
- Left ventricular hypertrophy and hypertrophic cardiomyopathy
Eleni Nakou (UK)
- Infiltrative diseases
Emmanouil Androulakis (Greece)
- Cardiac sarcoidosis
Jeanette Schulz-Menger (Germany)

10:30-11:00 **COFFEE BREAK AND POSTERS**

11:00-12:00 **Cardiac pathology: things the cardiologist should know**

Chairs: **Mary Sheppard** (UK), **Lorenzo Monserrat** (Spain)

- Cardiac dissection: How is it done and what is examined?
A stepwise guide and review of the normal heart
Mary Sheppard (UK)
- Cardiac hypertrophy and arrhythmogenic cardiomyopathy: Findings and caveats of diagnosis- the Pathologists view
Cristina Basso (Italy) **On-line**
- Endomyocardial biopsy: Basic knowledge, technical requirements, and sample processing
Alida Caforio (Italy)
- Application of cardiac biopsy. Update of endomyocardial biopsy in different clinical settings
Karin Klingel (Germany)



3-4 OCTOBER ATHENS, GREECE

October 4th, 2024 Room B

12.00-13:00 Sports Cardiology session

Chairs: **George Lazaros** (Greece), **Edoardo Conte** (Italy)

- Step-by-step practical guide on how to prescribe exercise
Michael Papadakis (UK)
- Resistance training: Benefits, risks and practical recommendations
Alexandros Kasiakogias (Greece)
- Exercise recommendations in arrhythmogenic cardiomyopathy
Dimitra Antonakaki (Greece)
- Exercise recommendations in channelopathies
Ivana Burazor (Serbia)

13:00-14:00 LUNCH (& SATELLITE SYMPOSIUM)

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14:00-15:00 Trending issues of cardiac genetics

Chairs: **Maite Tome** (UK), **Aris Anastasakis** (Greece)

- How to approach variants of unknown significance in clinical practice
Lorenzo Monserrat (Spain)
- Types of genetic variants and risk stratification
Maite Tome (UK)
- Beyond rare cardiomyopathy variants: epigenetics and polygenic disease
Johanna Kuusisto (Finland)
- Gene therapies for cardiomyopathies
Antigoni Miliou (Greece)

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ON MYOCARDIAL & DIAL DISEASES

SATELLITE SYMPOSIUMS

October 3rd, 2024
Room A

13:00-14:00 SATELLITE SYMPOSIUM



**Navigating the patient pathway:
an established therapeutic approach for ATTR-CM**

Chairs: Charalambos Vlachopoulos, Perry Elliott

- Charting the course for ATTR-CM: symptoms and referral routes
- Treating a spectrum of patients living with ATTR-CM
- The journey so far: how has the ATTR-CM landscape changed?
- Q&A

October 4th, 2024
Room A

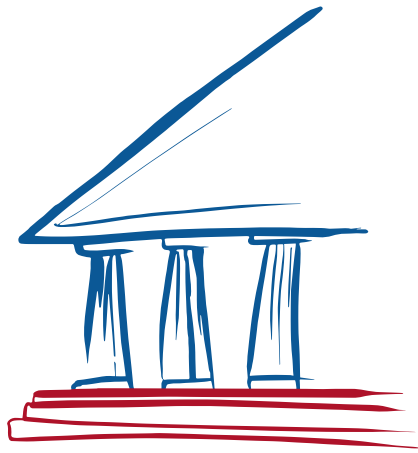
13:00-14:00 SATELLITE SYMPOSIUM



**Managing Recurrent Pericarditis:
Contemporary Findings from Randomized Control Trials**

Chair: John F. Paolini

- Contemporary Management of Recurrent Pericarditis.
John F. Paolini
- The Role of Cardiac Magnetic Resonance Imaging in the Management of RP.
Paul C. Cremer
- Chronic Management of Recurrent Pericarditis After Cessation of Long-Term IL-1 Pathway Inhibition.
Massimo Imazio (Italy)
- Applications for Clinical Practice.
Johanna Kuusisto (Finland)



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