



Greek Network of
Precision Medicine
in Cardiology

GR i CARDIAC NET

International
CardiOmyopathy
Network | **ICON**



Greek National Network of Precision Medicine in Cardiology
in collaboration with **ICON** organizes the first online summit
in cardiomyopathy.

Cardiomyopathy 2021

The Cardiomyopathy Mind Set

1-3 October 2021

**Scientific
Programme**



Congress Message

Dear Colleagues,

Welcome to the first online international summit **Cardiomyopathy 2021 – The Cardiomyopathy Mind Set**.

The international conference **Cardiomyopathy 2021 – The Cardiomyopathy Mind Set** is organized by **the Greek National Network of Precision Medicine in Cardiology (GR iCardiacnet)** in close collaboration with the **International Cardiomyopathy Network (ICON)**.

Given the unprecedented conditions imposed by the ongoing pandemic, the conference will take place **online on 1-3 October 2021**.

Cardiomyopathy 2021 – The Cardiomyopathy Mind Set will explore contemporary views of diagnostic techniques, risk stratification and management strategies in patients with inherited and acquired heart muscle conditions from a renowned international faculty.

During these 3 days, we will have the opportunity to attend sessions on topics that cover daily differential and therapeutic dilemmas faced by cardiologists working in the field of cardiomyopathy. Among others, we will discuss how molecular tools can change clinical practice and the latest developments in drug therapy for hypertrophic cardiomyopathy and TTR amyloidosis.

Through lectures, interviews, abstract and case presentations the scientific program of the conference aspires to describe the future medical practice in the field of inherited and rare cardiovascular diseases as indicated by current developments.

The **Greek National Network of Precision Medicine in Cardiology and the Prevention of Sudden Death in the Young (GR iCardiacnet)** was established in July 2019 as a partnership of Greek public and University hospitals and major research institutions. Its aim is to provide clinical and genetic evaluation of patients with inherited and rare cardiac disease, engage in research and educational activities, and create national registries of sudden death in the young and of inherited cardiac disease.

The **International Cardiomyopathy Network (ICoN)** is a newly established association of medical, scientific, and lay stakeholders with the mission of improving the health of people affected by cardiomyopathy and related diseases. **ICoN** plans to undertake a rolling programme to transform the cardiomyopathy landscape in Europe through clinical education and patient engagement so that more people with cardiomyopathy can access the treatment and support that they need, when they need it.

We look forward to your attendance at this important scientific event.

Professor Panos Vardas
Professor of Cardiology,
Chair of the Supervisory
Committee of GR iCardiacNet

Professor Perry Elliott
Chair of Cardiovascular Medicine,
University College London,
ICON Chairman

Dr. Aris Anastasakis
Scientific Coordinator of
GR iCardiacNet

Committees

CONGRESS PRESIDENTS

Panos Vardas / Greece

Perry Elliott / UK

Aris Anastasakis / Greece

ORGANIZING COMMITTEE

Chairmen: **Aris Anastasakis** / Greece, **Perry Elliott** / UK

Secretary General: **E. Psarouli, X. Kotsaka** / Greece

Members:

Efstathios Papatheodorou / Greece

Irini Fundulaki / Greece

Vasilis Vasilikos / Greece

Charalambos Vlachopoulos / Greece

Georgios Efthymiadis / Greece

Dinitrios Degiannis / Greece

Efstathia Prappa / Greece

Aleksandros Patrianakos / Greece

SCIENTIFIC COMMITTEE

Local Faculty

Aris Anastasakis

Vasilis Vasilikos

Charalambos Vlachopoulos

Georgios Efthymiadis

Frangiskos Parthenakis

Hara Spiliopoulou

Periklis Makrithanasis

Dinitrios Degiannis

Irini Fundulaki

Anastasia Chatzidimitriou

Alexandros Patrianakos

Aikaterini Naka

Theofilos Kolettis

Philippos Triposkiadis

Konstantinos Tsioufis

Ioannis Kanakakis

Adalena Tsatsopoulou

Stamatis Adamopoulos

Ioannis Papagiannis

Malena Pantou

Polyxeni Gourzi

Emmanouela Linardaki

Efstathios Papatheodorou

Kostas Ritsatos

Ioannis Liatakis

Alexis Antonopoulos

Ioannis Anastasiou

Efstathios Pagourelas

Vasiliki Vlagouli

Evangelia Karvouni

Thomas Gosios

Dimitris Ntelios



Committees

INTERNATIONAL FACULTY

- Perry Elliott** / London, UK
- Claudio Rapezzi** / Ferrara, Italy
- Juan R. Gimeno** / Murcia, Spain
- Ales Linhart** / Prague, Czech Republic
- Iacopo Olivetto** / Florence Italy
- Charlene Day** / Penn University, USA
- Eloisa Arbustini** / Pavia, Italy
- Jolanda Van Der Velden** / Amsterdam, Netherlands
- Lucie Carrier** / Hamburg, Germany
- Pablo Garcia-Pavia** / Madrid, Spain
- Yigal M. Pinto** / Amsterdam, Netherlands
- Juan Pablo Kaski** / London, UK
- Joel Rose** / Chorleywood, UK
- Cristina Basso** / Padova, Italy
- Gaetano Thiene** / Padova, Italy
- Gianfranco Sinagra** / Trieste, Italy
- Peter van Tintelen** / Utrecht, Netherlands
- Costas O'Mahony** / London, UK
- Konstantinos Savvatis** / London, UK
- Alex Shipolini** / London, UK
- Giuseppe Limongelli** / Naples, Italy
- Luis Lopes** / London, UK
- Marco Merlo** / Trieste, Italy
- Douglas Cannie** / London, UK
- Alessandro Di Toro** / Pavia, Italy
- Diederik Kuster** / Amsterdam, Netherlands
- Denise Zaffalon** / Trieste, Italy

CEST Time Zone

Programme Day One: 1/10/2021

Chairs: **P. Vardas, P. Elliott, A. Anastasakis**

17.00 - 17.45

Opening Address

Athanasios Kyriazis

Greek General Secretary for Research and Innovation

Panos Vardas

Chair of the Supervisory Committee of GR iCardiacNet

Ioannis Kanakakis

President of the Hellenic Society of Cardiology

Ioannis Boletis

President of the Onassis Cardiac Surgery Center

17.45 - 18.15

Introduction to the Greek Network of Precision Medicine in Cardiology

Chair: **H. Spiliopoulou**

The concept

A. Anastasakis / Greece

The infrastructure

I. Fundulaki / Greece

18.15 - 18.40

The International Cardiomyopathy Network

Chair: **P. Vardas**

18.15 - 18.30

ICoN: A manifesto for change

P. Elliott / London, UK

18.30 - 18.40

Patients and families as active partners (UK)

J. Rose / Chorleywood, UK

18.40 - 19.00

Opening Lectures

Chair: **P. Vardas, P. Elliott**

18.40 - 19:00

Cardiomyopathy: A life-long disease

Juan Pablo Kaski / London, UK

19.00 - 19.15

Commentary

P. Vardas, P. Elliott



CEST Time Zone

Programme Day One: 1/10/2021

19.15 - 19.45

Standing on the Shoulders of Giants

Chairs: **A. Tsatsopoulou, C. Basso**
(from the anatomical theatre in Padua)

Introduction

C. Basso / Padova, Italy

The pathologist's tale:

G. Thiene / Padova, Italy

19.45 - 20.15

CASES

Chairs: **S. Adamopoulos, P. Makrithanasis, A. Patrianakos**

Case A

Presenter: **I. Anastasiou**

Comments: **I. Liatakis**

Case B

Presenter: **E. Karvouni**

Comments: **D. Ntelios**

CEST Time Zone

Programme Day Two: 2/10/2021

09.00 - 10.00	SESSION ONE: Introduction to the “cardiomyopathy mind-set” Chairs: P. Elliott, A. Naka
09.00 - 09.15	How does the clinical history help me to make the diagnosis of a cardiomyopathy? Juan R. Gimeno , Murcia, Spain
09.15 - 09.30	Does the ECG have diagnostic value in 2021? Claudio Rapezzi , Ferrara, Italy
09.30 - 09.45	Does cardiac imaging tell me the cause of a cardiomyopathy? Ales Linhart , Prague, Czech Republic
09.45 - 10.00	Discussion
10.00 - 10.15	Break
10.15 - 10.45	SESSION TWO: How do I manage a case of Dilated Cardiomyopathy? Chairs: C. Vlahopoulos, F. Parthenakis
	Dilated Cardiomyopathy Presenters: Marco Merlo, Denise Zaffalon
10.45 - 12.00	SESSION THREE: How molecular tools can change clinical practice Chair: L. Lopes, D. Degiannis, A. Chatzidimitriou
10.45 - 11.00	What is the contribution of cardiologists and scientists to the interpretation of VUS? Peter Van Tintelen / Utrecht, Netherlands
11.00 - 11.15	Skipping, silencing and other approaches to gene therapy in cardiomyopathy? Yigal Pinto / Amsterdam, Netherlands



CEST Time Zone

Programme Day Two: 2/10/2021

11.15 - 11.30

What is CRISPR Cas and how can it transform understanding in cardiomyopathies?

Lucie Carrier / Hamburg, Germany

11.30 - 12.00

Live Discussion

Discussants: **M. Pantou, X. Gourzi**

12.00 - 12.15

HOT TOPIC Interview 1

Introduction

A. Linhart / Prague, Czech Republic

TTR Amyloidosis

Interviewer: **P. Garcia**

Interviewee: **C. Rapezzi**

12.15 - 13.00

CASE STUDIES

Chairs: **T. Kolletis, K. Ritsatos**

Case presentations and discussion

Case A

Presenter: **E. Papatheodorou**

Comments: **E. Pagourelas**

Case B:

Presenter: **A. Antonopoulos**

Comments: **V. Vlagouli**

Case C

Presenter: **T. Gossios**

Comments: **E. Linardaki**

CEST Time Zone

Programme Day Three: 3/10/2021

09.00 - 10.15

SESSION FOUR: Cardiomyopathy Mind-Set in Risk Stratification

Chair: **C. O' Mahony, I. Papagiannis**

09.00 - 09.15

What are the frontiers of prognostic research in hypertrophic cardiomyopathy?

P. Elliott, London, UK

09.15 - 09.30

Should decisions on ICD implantation in patients with dilated cardiomyopathy be managed according to consensus guidelines for chronic heart failure?

A. Anastasakis, Athens, Greece

09.30 - 09.45

Exercise: Good or bad in patients with cardiomyopathy?

S. Day, Penn University, USA

09.45 - 10.00

Should we treat men and women the same?

Jolanda van der Velden, AMC, Amsterdam

10.00 - 10.15

Discussion

10:20 - 10:50

SESSION FIVE: How do I manage a case of...?

Chair / Discussants: **G. Efthimiadis, F. Triposkiadis**

Obstructive Hypertrophic Cardiomyopathy:

Presenters: **K. Savvatis, A. Shipolini** - Barts Heart Centre, London, UK

10:50 - 11:05

HOT TOPIC Interview 2

Introduction

K. Tsioufis / Greece

Frontiers in drug therapy for HCM

Interviewer: **G. Limongelli**

Interviewee: **I. Olivotto**



CEST Time Zone

Programme Day Three: 3/10/2021

11:05 - 11:35

SESSION SIX: The ICoN Lecture

Chair: **P. Elliott, P. Vardas**

Is it time for a reclassification of cardiomyopathies?

E. Arbustini / Pavia, Italy

11.35 - 11.45

Break

11:45 - 12:30

Young Investigators Session

Chair: **P. Elliott, V. Vassilikos**

Abstract presentations and discussion

Abstract 1: Natural history of DCM caused by mutations in RBM20

Douglas Cannie, UCL London, UK

Abstract 2: Heart failure in Melas tRNA^{Leu} (UUR) (m.3243A>G) patients: non-cardiac manifestations prevent heart transplantation.

Alessandro Di Toro, Pavia, Italy

Abstract 3: Tubulin as treatment target in HCM.

Diederik Kuster AMC, Amsterdam, Netherlands

12:30

CLOSING REMARKS

P. Vardas, P. Elliott, A. Anastasakis

Faculty List

S. Adamopoulos / Cardiologist, Director of Heart Failure & Transplantations Unit, Onassis Cardiac Surgery Centre, Athens, Greece

A. Anastasakis / MD, PhD, Consultant Cardiologist, Scientific Director, Unit of Inherited and Rare Cardiovascular Diseases, Onassis Cardiac Surgery Center

I. Anastasiou / MD, Cardiologist, External Associate of Cardiology Clinic, Heraklion General University Hospital

A. Antonopoulos / 1st Cardiology Dept, National and Kapodistrian University of Athens

E. Arbustini / Professor, Policlinic Foundation San Matteo IRCCS, Pavia, Italy

C. Basso / Full Professor, University of Padova, Chair Cardiovascular Pathology Unit, Department of Cardiac, Thoracic and Vascular Sciences and Public Health

J. Boletis / Professor of Pathology - Nephrology, Medical School, National & Kapodistrian University of Athens, Director of Department Of Nephrology and Renal Transplantation, "Laiko" GH, Athens, Greece

D. Cannie / UCL London, UK

L. Carrier / Professor, University Medical Center Hamburg - Eppendorf, Department of Experimental Pharmacology and Toxicology

A. Chatzidimitriou / Senior Researcher, Institute of Applied Biosciences (INAB), CERTH, Thessaloniki, Greece, Clinical Genetics Department, Karolinska Institutet, Stockholm, Sweden

S. Day / Director, Translational Research, Division of Cardiovascular Medicine and Cardiovascular Institute, Presidential Associate Professor

D. Degiannis / Molecular Immunopathology & Histocompatibility Unit, Onassis Cardiac Surgery Center, Athens, Greece

A. Di Toro / Pavia, Italy

G. Efthimiadis / Professor of Cardiology, Aristotle University of Thessaloniki, 1st Cardiology Clinic, AHEPA University General Hospital, Thessaloniki



Faculty List

P. Elliott / MBBS, MD, FRCP, FESC, FACC, Chair of Cardiovascular Medicine University College London, Head of Clinical Research UCL Institute of Cardiovascular Science, Consultant Cardiologist Barts Heart Centre, President Cardiomyopathy UK, Chair European Heart Academy and Council for Cardiovascular Genomics of the European Society of Cardiology, Executive Editor European Journal of Cardiology

I. Fundulaki / Principal Researcher, Institute of Informatics, Institute of Technology and Research, Collaborating Researcher of National Network of Technology and Research Infrastructures (GRnet)

P. García / Director, Heart Failure & Inherited Cardiac Diseases Unit, Department of Cardiology, Hospital Universitario Puerta de Hierro, Madrid

J. R. Gimeno / Hospital Universitario Virgen Arrixaca, Murcia, Spain

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P. Gourzi / Onassis Cardiac Surgery Center

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J. P. Kaski / Associate Professor UCL, Consultant Paediatric Cardiologist, Inherited Cardiovascular Diseases GOSH

T. Kolettis / Professor of Cardiology, University of Ioannina

D. Kuster / Amsterdam UMC, Amsterdam, Netherlands

A. Kyriazis / General Secretary, General Secretariat For Research and Innovation, Greece

I. Liatakis / Cardiologist, 2nd Cardiological Clinic, Evangelismos G.H., Athens

G. Limongelli / Associate Professor, Vanvitelli University, AO dei Colli - Monaldi Hospital, Naples, Italy

Faculty List

E. Linardaki / Postdoctoral Research, FORTH-IMBB, Personalised Genomics Analysis Unit

A. Linhart / Head of the Department of Cardiovascular Medicine of the First Medical Faculty at Charles University and General University Hospital, Prague

L. Lopes / University College London/Barts Heart Centre

P. Makrithanasis / Assistant Professor of Medical Genetics, Laboratory of Medical Genetics, EKPA Medical School

M. Merlo / Cardiovascular Department, “Azienda Sanitaria Universitaria Giuliano-Isontina”, Trieste, Italy

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D. Ntelios / Cardiologist, 1st Clinic of Cardiology, UGH AHEPA, Thessaloniki

C. O’Mahony / St Bartholomew’s Hospital, London UK

I. Olivotto / Associate Professor, Careggi University Hospital (AOUC), Florence, Italy

E. Pagourelis / MD, MSc, PhD, Consultant Cardiologist, Academic Scholar, Third Cardiology Department, Hippokrateion General Hospital, Aristotle University of Thessaloniki

M. Pantou / Clinical Laboratory Geneticist, Onassis Cardiac Surgery Center

I. Papagiannis / Paediatric Cardiologist, Associate Professor of Paediatrics, University of Missouri in Kansas City, USA, Director of the Department of Paediatric Cardiology & Congenital Adult Heart Disease, Onassis Cardiac Surgery Centre, Athens, Greece

E. Papatheodorou / Cardiologist, Unit of Inherited and Rare Cardiovascular Disease, Onassis Cardiac Surgery Center

F. Parthenakis / Professor of Cardiology, University of Crete, Director of Cardiology Clinic, University Hospital of Herakleion

A. Patrianakos / Consultant Cardiologist, Cardiological Clinic, UGH Heraklio, Crete, Greece

Faculty List

Y. M. Pinto / Professor, University of Amsterdam, UVA, Department of Cardiology

C. Rapezzi / Professor of Cardiology, University of Ferrara, Italy

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J. Rose / Chief Executive, Cardiomyopathy, UK

K. Savvatis / Consultant Cardiologist, Inherited Cardiovascular Diseases Unit, Barts Heart Centre, London, Honorary Associate Professor in University College London and Queen Mary University London

A. Shipolini / Barts Heart Centre, Barts Health NHS Trust, London, UK

H. Spiliopoulou / Professor of Forensic Medicine - Toxicology, Department of Forensic Medicine and Toxicology, Medical School, National and Kapodistrian University of Athens, Greece

G. Thiene / MD, Emeritus Professor, Department of Cardiac-Thoracic-Vascular Sciences and Public Health - University of Padua

F. Triposkiadis / Professor of Cardiology, Medical School, University of Thessaly, Director, Cardiology Department, Larissa UGH, Larissa, Greece

A. Tsatsopoulou / MD, Paediatrician, Paediatric Clinic, Naxos, Chairman of the Working Group on Cardiopathies and Basic Research, Hellenic Cardiological Society, Member of the Working Group on Cardiovascular Diseases and Pericardial Diseases, European Society of Cardiology, ESC

K. Tsioufis / MD, FESC, FACC, Professor of Cardiology, Director of 1st Cardiology Dept, University of Athens, Hippokration General Hospital, Athens, President of the European Society of Hypertension (2017-19)

J. Van der Velden / Professor Department of Physiology (Amsterdam UMC)

P. Van Tintelen / Clinical Geneticist, Chief Department Genetics. Professor of Clinical Genetics, UMC Utrecht, Netherlands

P. Vardas / Emeritus Professor of Cardiology, University of Crete, University Hospital of Iraklio, Chairman of Heart Sector HYGEIA Hospitals Groups, President of the European Society of Cardiology (2012-2014)

Faculty List

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