

# Curriculum Vitae



**Maria E. Marketou, MD, PhD, FESC, ESH**

**25<sup>th</sup> November, 2022**

**Place and Date of Birth:** Athens, Greece on 16 - 1 - 1970

**Present Status:**

- Associate Professor of Cardiology, Faculty of Medicine, University of Crete
- Head of the Laboratory of Molecular Cardiology, Faculty of Medicine, University of Crete
- Head of the Hypertension and Cardiovascular Prevention outpatient clinic

**Training and Education**

- Internal Medicine (1995-1996), Agios Nikolaos General Hospital
- Cardiology (1996-1999), Cardiology Department, Heraklion University Hospital
- I completed a postgraduate training in the US, at the Hypertension and Atherosclerosis Section of Boston University Medical School, working under the supervision of Professor Haralambos Gavras. (January 2008 – July 2009)

**Board Certification**

Medical Degree, University of Crete (1993)

Medical Board Certification in Cardiology, Greece (1999)

Hypertension Specialist (2014)

EACVI Adult Transthoracic Echocardiography Certification

**Post Graduate Degrees**

Doctoral Dissertation, PhD, University of Crete (2001)

**Credentials**

Fellow of the European Society of Cardiology

Chair of the Working Group of Hypertension of the Hellenic Society of Cardiology

Member of the Hellenic Hypertension Society

Member of European Society of Hypertension

Member of EACVI

Member of Council on Hypertension of ESC

Member of European Association of Preventive Cardiology

Member of Heart Failure Association of the ESC

### **Scholarships**

<b>2000 - 2001</b>	Doctorate Scholarship from the Hellenic Cardiology Society, Maria Marketou/School of Medicine, University of Crete, Greece
<b>2008-2009</b>	Training Scholarship from the Hellenic Cardiology Society, Maria Marketou/School of Medicine, University of Crete, Greece
<b>2008 -2009</b>	World Heart Federation Scholarship - Twin Centers fellowship, Maria Marketou/School of Medicine, University of Crete, Greece

I have been working as a Senior Consultant in the Cardiology Department of Heraklion University General Hospital. I was elected Associate Professor of Cardiology at the University of Crete Medical School in September 2022.

My clinical work currently includes:

- Daily ward rounds in the Cardiology Wards and Acute Cardiac Care Unit
- Weekly transthoracic echocardiography clinic
- Weekly transoesophageal and stress echocardiography clinic
- Weekly out-patient hypertension clinic
- Weekly out-patient heart failure and cardiomyopathies clinic
  - Weekly out-patient cardio-oncology clinic

Administrative responsibility includes directing out-patient hypertension and heart failure clinic. I have organized within the Medical School and I am the Head of the research laboratory of Molecular Cardiology.

I contributed to numerous research projects regarding experimental models of renin-dependent, salt-dependent and hyperadrenergic mechanisms of hypertension and in non-enzymatic properties of the angiotensin-converting enzyme. I also participated in studies investigating molecular mechanisms, inflammatory factors and oxidative stress in the field of hypertension and cardiomyopathy.

My current research focuses on the secondary prevention of cardiovascular disease, pathogenesis and treatment of hypertension, atherosclerosis and thrombosis, while my laboratory group is evaluating the identification of molecular markers and

transcriptome in relation to the genesis of cardiovascular diseases. I am also very actively involved in applications of data science in hypertension and heart failure.

From all posts I have emphasized the importance of bridging disciplines from basic science to clinical practice. My main goal is prioritising patient-centered domains into clinical care and research and improving patients' prognosis and outcome.

I have authored more than 115 peer-reviewed articles in Pubmed (h-index scopus 28, citations: 12523).

I have an active role in improving and offering a broad spectrum of educational opportunities for the cardiologists in Greece. I was also involved in the organization of several regional, national and international conferences and seminars.

During the Covid-19 pandemic, I participated as an invited speaker in several Webinars and TV documentaries about the impact of Sars- CoV2 on hypertension and cardiovascular diseases.

I am a fellow of European Society of Cardiology (FESC) and a Hypertension Specialist (European Society of Hypertension).

I am also actively involved in Undergraduate and Graduate teaching at the University of Crete Medical School. I am the President of the Working Group of Essential Hypertension of the Hellenic Society of Cardiology. I am also a member of the European Society of Cardiology Committee for the European Examination of General Cardiology (EEGC) and a member of the Digital Health Committee of the European Society of Cardiology.