

# ESC HEART & STROKE

## 2024



THE 7<sup>TH</sup> ANNUAL CONFERENCE  
OF THE ESC COUNCIL ON STROKE

**28-29 NOVEMBER**  
ATHENS, GREECE



SCIENTIFIC PROGRAMME

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## WELCOME

Dear Colleagues,

On behalf of the ESC Council on Stroke, it is our great pleasure to invite you to attend Heart & Stroke 2024, the annual scientific meeting of the Council.

The conference will take place in Athens, an international science and education hub and a cultural centre in Europe, on 28 - 29 November 2024.

Heart & Stroke 2024 is the official scientific meeting of the ESC Council on Stroke, and the focus of the programme this year will be on personalized advancement of knowledge around the interactions between heart and brain. Management guidelines and the translation of recent research studies into clinical practice, will all feature prominently on the programme.

Join us at Heart & Stroke 2024 and interact with an outstanding Faculty. You will have the opportunity of presenting your research work at the moderated poster sessions and enjoy a meeting that offers a vibrant scientific programme, outstanding experts and a wealth of interactive sessions. This would be a great opportunity to showcase your research work, build networks, and getting involved in the management of clinical cases and scientific discussions.

Attend Heart & Stroke 2024 and join friends and colleagues from the World over in their endeavour to developing and delivering safe, precise and effective understanding and management of heart-brain interactions.

Athens will offer a unique and inspiring cultural environment that will make Heart & Stroke 2024 a memorable event.

We truly look forward to welcoming you in Athens!

**Prof. Gregory Lip**

Chairperson, Council on Stroke

**Prof. Alison Halliday**

Past-Chairperson, Council on Stroke



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## COMMITTEE

### Nucleus Members

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**Chairperson-Elect:**

**Schnabel Renate** (Germany)

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**Alison Halliday** (UK)

**Secretary/Scientific documents Co-lead:**

**Marco Proietti** (Italy)

**Treasurer:**

**Milos Taborsky** (Czech Republic)

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**Dimitrios Nikas** (Greece)

**Communications & Young Community Coordinator:**

**Jacopo Francesco Imberti** (Italy)

**Education & Scientific Programme Coordinator:**

**Giulio Francesco Romiti** (Italy)

**Liaison Officer:**

**Petr Widimsky** (Czech Republic)

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**Panteleimon Papakonstantinou** (Greece)

**Arsen Ristic** (Serbia)

**Wim.H Van Zwam** (Netherlands)



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## SCIENTIFIC PROGRAMME

November 28<sup>th</sup>, 2024

### 09:00-09:10 WELCOME AND INTRODUCTION

**Chairpersons:** Opening: **Professor Gregory Lip** (UK),

**Professor Alison Halliday** (UK), **Professor Renate Schnabel** (Germany)

Welcome from ESC President: **Professor Thomas Luscher (Virtual)** (UK)

### 09:10-10:25 Session 1

#### Interventions to Reduce Stroke Risk

**Chairpersons:** **Doctor Dimitrios Nikas** (Greece)

**Associate Professor Sandor Nardai** (Hungary)

09:10-09:25 Carotid Disease - what's new?

**Professor Alison Halliday** (UK)

09:25-09:40 LAA closure - a practical guide

**Doctor Apostolos Tzikas** (Greece)

09:40-09:55 Periprocedural Stroke protection

**Professor Petr Widimsky** (Czech Republic)

09:55-10:10 Novel Protection devices

(Permanent Carotid filter, New Aortic Mesh Covering)

**Professor Sandor Nardai** (Hungary)

10:10 - 10:25 Discussion

### 10:25-10:55 Coffee break with poster presentations 1 - POSTER AREA

### 10:55-11:20 Keynote Lecture

#### Stroke: treat the patient, not the disease

**Professor George Ntaios** (Greece) **Introduced by Prof. Gregory Lip** (UK)

### 11:20-12:20 Session 2

#### New guidelines in atrial fibrillation and hypertension from Europe, US and beyond

**Chairpersons:** **Doctor Panteleimon Papakonstantinou** (Greece),

**Professor Renate Schnabel** (Germany)

11:20-11:35 What's new

**Professor Gregory Lip** (UK)

11:35-11:50 Evidence versus Eminence

**Associate Professor Marco Proietti** (Italy)

11:50-12:05 Improving guideline implementation

**Professor Thomas Luscher (Virtual)** (UK)

12:05-12:20 Discussion



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12:20-13:05 INDUSTRY LUNCH SYMPOSIUM

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13:05-13:30 **Keynote Lecture**

**The Exposome (environmental pollution), Stroke and the Heart**

Associate Professor Lukasz Kuzma (Poland)

Introduced by Prof. Gregory Lip (UK)

13:30-14:45 **Session 3**

**Future Developments for Stroke Prevention**

Chairpersons: Professor Diana Gorog (UK),

Professor Milos Taborsky (Czech Republic)

13:30-13:45 New Drugs

Professor Diana Gorog (UK)

13:45-14:00 New Interventional Devices

Doctor Dimitrios Nikas (Greece)

14:00-14:15 Wearable Devices

Doctor Panteleimon Papakonstantinou (Greece)

14:15-14:30 Artificial Intelligence

Professor Ivan Olier (UK)

14:30-14:45 Discussion

14:45-15:45 **Session 4**

**AF burden: what's new linking the heart and brain?**

Chairpersons: Doctor Stylianos Tzeis (Greece),

Professor Renate Schnabel (Germany)

14:45-15:00 AF burden vs AF duration - impact on stroke and other outcomes

Professor Carina Blomstrom-Lundqvist (Sweden)

15:00-15:15 Why EARLY treatment of AF is important

Professor Renate Schnabel (Germany)

15:15-15:30 The need for a new definition of AF burden and insights from the new

Council on Stroke scientific document

Professor Wolfram Doehner (Germany)

15:30-15:45 Discussion

15:45-16:15 Coffee break with poster presentations 2 - POSTER AREA



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16:15-17:30 **Session 5**

**ESUS: what's new? Focus on Council on Stroke Position Paper**

**Chairpersons: Professor Wolfram Doehner** (Germany),

**Professor Ulf Hedin** (Sweden), **Professor George Ntaios** (Greece)

16:15-16:30 Which atherosclerotic plaque carries an increased thromboembolic risk?

**Professor Ulf Hedin** (Sweden)

16:30-16:45 Atrial cardiopathy: Insights from the new EHRA position paper and what's next after ARCADIA?

**Doctor Jacopo Francesco Imberti** (Italy)

16:45-17:00 Knowns and unknowns in PFO management

**Professor Jan Kovac** (UK)

17:00-17:15 Thrombophilia testing after stroke: which, and to whom?

**Professor Georgia Kaifa** (Greece)

17:15-17:30 Discussion

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17:30-17:45 **Special Nomination Ceremony:**

**Lifelong Mentorship Award**

**Professor Konstantinos Vemmos**

**Introduced by**

**Professor George Ntaios** (Greece) & **Professor Gregory Lip** (UK)

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17:45-19:30 **NETWORKING EVENT - POSTER AREA**



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## SCIENTIFIC PROGRAMME

November 29<sup>th</sup>, 2024

### 08:45-10:00 Session 6

#### **The heart-brain interaction: balancing thrombosis and bleeding risk in special populations (Joint Session with ESC Working Group on Thrombosis)**

**Chairpersons: Professor Diana Gorog (UK), Professor Gregory Lip (UK)**

08:45-9:00 Refining thrombotic risk in ESUS - do we have the right prediction models?  
**Professor Tobias Geisler** (Germany)

09:00-9:15 Intracranial bleeds and the cardiovascular risks  
**Professor Soeren Paaske Johnsen** (Denmark)

09:15-9:30 New Atrial Fibrillation peri -ACS- which antithrombotic regimen and for how long?  
**Doctor Jacopo Imberti** (Italy)

09:30-9:45 How Bleeding and Thrombosis in Mechanical Circulatory Support are Redefining Stroke Care: Insights from Hallmark Trials  
**Professor Christophe Vandenbriele** (Belgium)

09:45-10:00 Discussion

### 10:00-10:30 Coffee break with poster presentations 3 - POSTER AREA

### 10:30-11:40 Session 7

#### **Integrated Stroke Care' and Stroke-Heart Syndrome**

**Chairpersons: Doctor Ioannis-Georgios Kanakakis** (Greece),  
**Professor Giulio Romiti** (Italy)

10:30-10:45 The stroke heart syndrome - challenge of the cardiologist in acute stroke  
**Professor Wolfram Doechner** (Germany)

10:45-11:00 Long-term blood pressure targets after stroke: how low is too low?  
**Doctor Jacopo Francesco Imberti** (Italy)

11:00-11:15 LDL-lowering after stroke: for which patient, how, and how much?  
**Professor Haralampos Milionis** (Greece)

11:15-11:30 Intensive screening for post-stroke atrial fibrillation after NOAH-AFNET6 and ARTESIA  
**Professor Renate Schnabel** (Germany)

11:30-11:40 Discussion

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November 29<sup>th</sup>, 2024

11:40-12:40 **Session 8**

**'Rise of the Machines' – using AI/ML for stroke and cardiac management**

**Chairpersons: Professor Sandra Ortega Martorell (UK), Professor Gregory Lip (UK)**

11:40-11:55 The emerging role of AI/MI for clinical decision-making in stroke and cardiac disease

**Doctor Jacopo Francesco Imberti (Italy)**

11:55-12:10 Are we in the world of avatars?

Digital twins for the personalised risk assessment and management

**Professor Sandra Ortega Martorell (UK)**

12:10-12:25 It's all about the data ... clusters, features and multimorbidity in relation to atrial fibrillation

**Professor Ivan Olier (UK)**

12:25-12:40 Discussion

**12:40-13:25 LUNCH BREAK**

13:25-14:25 **Session 9**

**Multimorbidity in relation to heart & stroke**

**Chairpersons: Professor Soeren Paaske Johnsen (Denmark), Professor Athanasios Trikas (Greece)**

13:25-13:40 Clusters of Diseases and Risk of Stroke in Atrial Fibrillation

**Doctor Giulio Romiti (Italy)**

13:40-13:55 Digital Technologies to Manage Multimorbidity to Improve Clinical Management

**Associate Professor Marco Proietti (Italy)**

13:55-14:10 Post-Stroke Management of Patients with Multiple Comorbidities

**Professor Soeren Paaske Johnsen (Denmark)**

14:10-14:25 Discussion



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## SCIENTIFIC PROGRAMME

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14:25-15:40 **Session 10**

### Brain injury due to invasive cardiovascular procedures

Chairpersons: **Professor Radoslaw Lenarczyk** (Poland),

**Associate Professor Marco Proietti** (Italy)

14:25-14:40 Scope of the problem - are we facing an increase or decrease in the incidence of overt/covert brain damage following cardiovascular interventions?

**Professor Lenarczyk** (Poland)

14:40-14:55 Pathomechanisms and risk factors of brain injury due to percutaneous cardiac interventions.

**Doctor Ioannis-Georgios Kanakakis** (Greece)

14:55-15:10 Scalpel, or catheter - is surgery safer for the brain than percutaneous procedure?

**Professor Alison Halliday** (UK)

15:10-15:25 Protective measures - what we currently have at our disposal to protect the brain during / after intervention?

**Professor Petr Widimsky** (Czech Republic)

15:25-15:40 Discussion

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15:40-16:25 **Workshop sessions: Clinical cases and Guidelines**

15:40-16:25 **Workshop 1 - ROOM ATHINA**

### How to write a research paper – what the Editor is looking for?

Chairpersons: **Professor Diana Gorog** (UK),

**Professor Konstantinos Tsiofis** (Greece), **Professor Gregory Lip** (UK)

**(Endorsed by Hellenic Young Cardiologists WG)**

**Young Panelist (Local Faculty):**

**Emmanouil Mantzouranis - Aristi Boulopou - Ioannis Kachrimanidis - Grigoris Trikas - Katerina Peteinaki**

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**Workshop 2 - ROOM HERA**

### Diagnostic Workup of Cryptogenic Stroke and ESUS

Chairperson: **Professor Iris Grunwald** (UK)

**Doctor Anna Podlasek** (UK),

**Associate Professor Sandor Nardai** (Hungary)

**Professor Panagiotis Papanagiotou** (Greece)

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16:25-16:40 **Wrap up**

### Summary and concluding remarks

**Professor Gregory Lip** (UK), **Professor Alison Halliday** (UK)

and **Professor Renate Schnabel** (Germany)



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ESC  
Council  
Stroke

SATELLITE SESSION

November 28<sup>th</sup>, 2024

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12:35-13:05 SATELLITE SYMPOSIUM

**Boston  
Scientific**  
Advancing science for life™

**Stroke prevention in Afib:  
today patients have a new OPTION**

**Presenter: Jens Erik Nielsen-Kudsk**

**Discussants: Apostolos Tzikas, Renate Schnabel**



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## GENERAL INFORMATION

### Conference Venue

Wyndham Grand Athens 2, Megalou Alexandrou street GR 10437, Athens Greece

Website: [www.wyndhamgrandathens.com](http://www.wyndhamgrandathens.com)

### How to get to the venue

The Wyndham Grand Athens hotel is conveniently located right next to Metaxourgeio metro station.

Athens's airport subway offers reliable and fast transportation services from and to Athens Airport. The Blue Line (Metro Line 3) connects Athens International Airport to Syntagma Square, the major hub of the city, in just 40 minutes. At Syntagma station, you will change to Red Line (Metro Line 2) towards Agios Antonios. Metaxourgeio is the 3rd station after Syntagma.

Athens's airport metro station is located at the airport's second level, at the Departures area. The station building is connected to the main terminal via an elevated passageway. Elevators are also on tap for passengers with reduced mobility or lots of luggage.

The metro station is easily accessible, within just 5- minutes walking distance from the baggage claim zone if you just follow the airport's signage "To Trains".

A one-way subway ticket from Athens Airport to Syntagma Square costs 9€/10\$ for adult passengers and 4.50€/5.22\$ for children, students, and elders. The price for a return ticket is 16€/18.56\$, while children under 6 years old travel for free.

You can purchase your tickets at the airport station ticket booths or through the automatic machines.

Alternatively, if you are planning to wander around the city during your visit, you should buy a 3-day Tourist ticket, valid for buses, metro, and tram. The 3-day ticket includes a return ticket to Athens Airport and costs 20€/23.19\$.

Athens's airport subway trains run day after day, from 06:10 am to 11:34 pm, with available routes every 36 minutes.

### Onsite Wifi

Username: WyndhamGrandBanquet

PASSWORD: BANQ2024

### Meeting Secretary Contact Information

Spyridoula Sialma

Magda Kalariti

Project & Event Manager

Senior Project & Event Coordinator

Mob: +306977071923

Mob: +306982917197

Email: [mpd2024@eventure.gr](mailto:mpd2024@eventure.gr)

Email: [mpd2024@eventure.gr](mailto:mpd2024@eventure.gr)

### Meeting Secretary Opening Hours

Thursday, November 28th, 2024 // 08:00 - 18:00

Friday, November 29th, 2024 // 08:00 - 18:00

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### Coffee Breaks and Meals

Coffee breaks and light lunches will be served as indicated in the scientific program, in the foyer of Room Athina - 1st floor

### Registration

Registration for the Conference is mandatory, in order for someone to receive the respective Certificate of Attendance. Registration may take place through the online platform, by completing the registration form on the following link:

[https://www.eventora.com/en/Events/heartandstroke\\_ath2024](https://www.eventora.com/en/Events/heartandstroke_ath2024)

or onsite at the secretariat during the Conference.

By filling out the form in the above link, you will receive a digital confirmation (e-badge) at the email you registered with. You may save the proof of registration e-mail, on your mobile phone (as a pdf file or in the Apple wallet / Android application / MyTicket) or print it to present and scan it in the event's premises for entering the venue.

### Accreditation

MedTech - certification of compliance of third-party educational events with MedTech Europe Code of Ethical Business Practice and Mecomed Code of Business Practice (the "Codes") to determine the appropriateness for companies which are members of MedTech Europe and Mecomed to provide financial support to such events in the form of educational grants or commercial activities (booths, advertising, satellite symposium).

U.E.M.S. - This educational programme will be granted with 13 credits of Continuing Medical Education. Certificates of attendance will be sent electronically to participants after the end of the Conference, through an online platform at the ESC website.

### Poster Guidelines

1. Posterboards will be located in the Poster area where coffee breaks and lunches are served.
2. Find your dedicated poster board (ask the Conference staff).
3. To fix your poster - Posterboards are available to you from 8 AM on 28 Nov. Ideally place your poster before 10 AM (the start of the poster sessions).
4. Material to fix the posters on the panels and posters list will be available in the poster area.
5. The maximum size of the poster must be 90 cm wide and 120 high (A0) portrait and must include the title, authors, affiliations, contact address and email. It is recommended to use a font size of 24 points to ensure it is legible. And a thin paper in order the poster does not fall.

### Greek Useful Numbers

National telephone code +30

112 - European emergency service line

100 - Hellenic Police Number

199 - Hellenic Fire Service Number

166 - Medical Emergency Service (EKAB) Number

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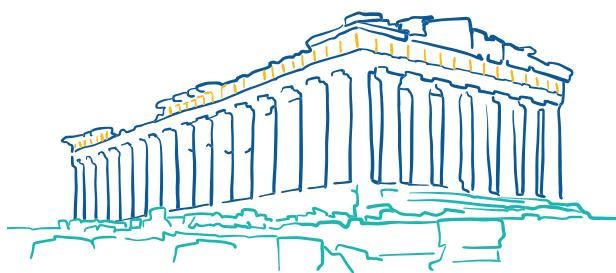
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