



# **EuroThrombosis & EuroVessels 2022**

**20-22 October | SANA LISBOA**  
**Lisbon, Portugal**

## **Preliminary programme**

[www.etev2022.com](http://www.etev2022.com)



# Organisation & Committees

## Organiser

- European Society of Cardiology (ESC)  
Working Group on Thrombosis (WG T)  
Working Group on Aorta and Peripheral Vascular Diseases (WG APVD)  
European Heart House  
Les Templiers  
2035 Route des Colles  
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06903 Sophia Antipolis Cedex, France  
workinggroups@escardio.org

## Committees

### Executive committee

- **João Morais**, Portugal  
EuroThrombosis & EuroVessels 2022 Chairperson
- **Lucia Mazzolai**, Switzerland  
EuroThrombosis & EuroVessels 2022 Co-Chairperson  
ESC Working Group on Aorta and Peripheral Vascular Diseases Chairperson
- **Gemma Vilahur**, Spain  
EuroThrombosis & EuroVessels 2022 Co-Chairperson  
ESC Working Group on Thrombosis Chairperson
- **Victor Aboyans**, France  
EuroThrombosis & EuroVessels 2022 Co-Chairperson  
ESC Working Group on Aorta and Peripheral Vascular Diseases Past-Chairperson
- **Dirk Sibbing**, Germany  
EuroThrombosis & EuroVessels 2022 Co-Chairperson  
ESC Working Group on Thrombosis Past-Chairperson

### Scientific committee

- **Andrea Rubboli**, Italy  
ESC Working Group on Thrombosis Chairperson-Elect
- **Oliver Schlager**, Vienna  
ESC Working Group on Aorta and Peripheral Vascular Diseases Chairperson-Elect
- **Diana Gorog**, United Kingdom  
ESC Working Group on Thrombosis Treasurer
- **Marco De Carlo**, Italy  
ESC Working Group on Aorta & Peripheral Vascular Diseases Nucleus Member
- **Bianca Rocca**, Italy  
ESC Working Group on Thrombosis Nucleus Member

## Meeting secretariat

- **FactorChave**  
Miraflores Office Center, Avenida das Tulipas, n.º 6, 19.º  
1495-161 Algés, Portugal  
www.factorchave.pt  
etev2022@etev2022.com

# Welcome

Dear Colleagues,

EuroThrombosis & EuroVessels 2022 is a joint scientific meeting organized by the Working Group on Thrombosis and the Working Group on Aorta and Peripheral Vascular Diseases of the European Society of Cardiology (ESC).

In 2022 we are recovering from a long dark period related to the devastating pandemic affecting the global world. For this recovery nothing better than a face-to-face scientific meeting.

For this purpose, an intense three-day scientific programme will update you from basic science to translational medicine and clinical practice in the areas of atherosclerosis, vascular biology and atherothrombosis.

Topics will include coronary artery disease, peripheral arterial disease, atrial fibrillation, stroke, aortic syndromes and cardiovascular prevention. Pharmacotherapy and the use of endovascular devices will form a substantial part of the meeting, giving to the clinician an update in order to guide and encourage optimal day-to-day clinical practice.

At this meeting, the etiology and basic principles of these conditions and disease states will be explored in depth, to drive forward research and innovation in these areas. Basic and translational science will be presented alongside the latest concepts in diagnosis and treatment.

A significant part of the meeting will be dedicated to the presentation of original clinical and translational research in poster format, allowing the exchange of ideas and experience among researchers and clinicians.

The scientific programme will be delivered by an expert faculty consisting of the most prominent European names in the respective areas.

Alongside opportunities for education and learning, the possibilities for networking between young clinicians/scientists and experienced researchers, clinicians and faculty elements will create unique opportunities for development of new ideas and future collaboration.

The beautiful city of Lisbon, repeatedly named as one of the best tourist destinations in Europe, is the perfect setting for this outstanding scientific event. Being modern but also associated with great traditions, Lisbon has a special atmosphere and ambience recognized by all visitors.

EuroThrombosis & EuroVessels 2022 will become an important milestone in continuing medical education in 2022. We very much hope you will be able to share in this exciting, cutting-edge meeting with us.

**Gemma Vilahur**  
WG Thrombosis

**João Morais**  
ETEV 2022 Chairperson

**Lucia Mazzolai**  
WG Aorta and Peripheral  
Vascular Diseases

# Meeting at a glance

		08:30	09:00	09:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00	19:30	20:00	20:30													
<b>Thursday 20 October</b>	Room A									Registration																													
	Room B									Speaker Service Centre																													
	EXHIBITION & POSTER HALL													Opening lecture	New avenues for combating atherothrombosis	POSTERS	Challenges in antithrombotic therapy in special populations	Fontaine Lecture	Industry Satellite Symposium I							Industry Satellite Symposium II	Network reception												
										EXHIBITION																													
<b>Friday 21 October</b>	Room A		Case-based session	Unrevealing the complexity of thrombosis in ACS	POSTERS	Diabetes: targeting the increase in cardiovascular risk	Lunch & Industry Satellite Symposium III	Lunch & Industry Satellite Symposium V	Antithrombotics in non coronary interventions	POSTERS	Novel approaches in Lower Extremity Artery Disease (LEAD) Joint Session with the European Society of Vascular Medicine	Steen Husted Lecture	ESC WG on Thrombosis General Assembly																										
	Room B			Understanding Fibromuscular Dysplasia (FMD)	POSTERS	Lower Extremity Artery Disease: improved management for better outcome	Lunch & Industry Satellite Symposium IV	Lunch & Industry Satellite Symposium VI	Platelets in atherosclerosis and vascular biology: beyond thrombosis Joint Session with the WG on Atherosclerosis and Vascular Biology	POSTERS	Prevention strategies in the continuum of CV risk																												
	EXHIBITION & POSTER HALL																																						
										EXHIBITION																													
<b>Saturday 22 October</b>	Room A		Moderated posters	Update on antithrombotic strategies	POSTERS	Optimizing outcomes in Vascular Surgery Joint Session with the European Society of Vascular Surgery																																	
	Room B		Case-based session	Aorta - What's new since the 2014 guidelines?	POSTERS	Predictive Biomarkers																																	
	EXHIBITION & POSTER HALL																																						
										EXHIBITION																													

## Scientific Programme

14:00 - 14:25

**ROOM A/B | Opening lecture**

Chairs: João Morais (PT)

- ATHEROTHROMBOSIS: a contemporary overview a glimpse into the future | Lars Wallentin (SE)

14:30 - 16:00

**ROOM A | New avenues for combating atherothrombosis**

Chairs: Carlos Aguiar (PT) & Marianne Brodman (AT)

- The era of personalized medicine on antithrombotics | Carlo Patrono (IT)
- Ongoing preclinical and clinical trials on FXIa and FXIIa | Hugo Cate (NL)
- New developments in P2Y12 blockade | Robert Storey (UK)
- Repurposing old drugs targeting inflammation | Bruna Gigante (SE)

**ROOM B | New avenues for combating venous thromboembolism**

Chairs: Lucia Mazzolai (CH) & Bianca Rocca (IT)

- Pulmonary embolism: for whom revascularization is an option? | Marianne Brodmann (AT)
- Deep vein thrombosis: for whom revascularization is an option? | Oliver Schlager (AT)
- Personalized treatment of VTE in non cancer patients | Rupert Bauersachs (DE)
- Personalized treatment of VTE in cancer patients | Cecilia Beccattini (IT)

16:00 - 16:30 | Posters & coffee break

16:30 - 17:55

**ROOM A | Challenges in antithrombotic therapy in special populations**

Chairs: Daniel Caldeira (PT) & Christine Espinola-Klein (DE)

- Cardiogenic shock | Diana Gorog (UK)
- Polyvascular atherosclerotic disease | Victor Aboyans (FR)
- The elderly and the very elderly | Andrea Rubboli (IT)
- Chronic kidney disease | Torp-Pedersen (DK)

**ROOM B | Coronary Microcirculatory Dysfunction**

Joint Session with the ESC WG on Coronary Pathophysiology & Microcirculation

Chairs: Teresa Padró (ES) & Tobias Geisler (DE)

- Role of coronary microvascular dysfunction in cardiovascular disease | Dirk Duncker (NL)
- Ischemic heart disease in women: Risk Factors and Pathophysiology | Teresa Padró (SP)
- How to address the no-reflow phenomenon in ACS | Jolanta Siller Matula (AT)
- The role of peripheral vein microcirculation on adverse clinical outcomes | Arina ten Cate-Hoek (NL)

18:00 - 18:25

**ROOM A/B | Fontaine Lecture**

Chairs: Victor Aboyans (FR) & Gemma Vilahur (SP)

- Global Burden PAD | G. Fowkes (UK)

18:30 - 19:15

**ROOM A | Industry Satellite Symposium I**

**ROOM B | Industry Satellite Symposium II**

# Friday, 21 October

08:00 - 08:55

## ROOM A | Case-based session

Organised by the ESC WG on Thrombosis Young Researchers

Chairs: Andrea Rubboli (IT) & Christina Christersson (SE)

Discussants: Eduardo Oliveira (PT) & Diana Gorog (UK)

09:00 - 10:30

## ROOM A | Unraveling the complexity of thrombosis in ACS

Chairs: Lina Badimon (SP) & Bruna Gigante (SE)

- Cardiac benefits of P2Y12 inhibitors beyond their antiplatelet properties | Gemma Vilahur (SP)
- Monocyte and macrophage subsets in coronary artery disease and beyond | Johann Wotja (AT)
- Epigenetics in atherothrombosis | Manuel Mayr (UK)
- Factor Xa and platelet activation | Daniel Caldeira (PT)

## ROOM B | Understanding Fibromuscular Dysplasia (FMD)

Chairs: Guillaume Jondeau (FR) & Oliver Schlager (AT)

- Understanding and phenotyping FMD in 2022 | A. Persu (BE)
- OMICS in FMD | Xavier Jeunemaître (FR)
- Treating FMD and beyond | D. Gabrielli (IT)
- FMD in coronary arteries (imaging and management) | David Adlam (UK)

10:30 - 11:00 | Posters & coffee break

11:00 - 12:25

## ROOM A | Diabetes: targeting the increase in cardiovascular risk

Chairs: Jose Luis Ferreiro (SP) & Carlo Patrono (IT)

- Managing lipids: does LDL still matter? | Colin Baigent (UK)
- Managing glucose metabolism: does glycemia still matter? | Ramzi Ajjan (UK)
- How to stratify risk in diabetic patients | José Boavida (PT)
- Platelet inhibition | Bianca Rocca (IT)

## ROOM B | Lower Extremity Artery Disease: improved management for better outcome

Chairs: Sebastian Debus (DE) & Marco De Carlo (IT)

- Optimal pharmacotherapy | Alessandra Bura Rivière (FR)
- Best Exercise training modalities | Lucia Mazzolai (CH)
- Endovascular revascularization? What we know and where we are heading to | Frank Vermassen (BE)
- Biomarkers in LEAD | Christian Heiss (UK)

12:30 - 13:15

ROOM A | Lunch & Industry Satellite Symposium III

ROOM B | Lunch & Industry Satellite Symposium IV

13:20 - 14:05

ROOM A | Lunch & Industry Satellite Symposium V

ROOM B | Lunch & Industry Satellite Symposium VI

14:10 - 15:40

## ROOM A | Antithrombotics in non coronary interventions

Chairs: Marco Costa (PT) & Maarit Venermo (FI)

- TAVI | Jurrien Ten Berg (NL)
- Left Atrial Appendage and PFO | Tobias Geisler (DE)
- Peripheral revascularization | Marco De Carlo (IT)
- Aortic endovascular therapy | Antonio Micari (IT)

## ROOM B | Platelets in atherosclerosis and vascular biology: beyond thrombosis

Joint Session with the ESC WG on Atherosclerosis and Vascular Biology

Chairs: Marie-Luce Bochaton-Piallat (CH) & Gemma Vilahur (SP)

- Platelet-derived extracellular vesicles, chemokines and cell adhesion molecules in atherosclerosis | Rory Koenen (NL)
- Platelet-derived EVs as biological players after myocardial infarction - good or bad? | Christina Christersson (SE)
- Platelets in vascular and valvular calcification | Magnus Bäck (SE)
- Vascular injury and repair and the journey of microthrombi following mechanical thrombectomy | Heleen Van Beusekom (NL)

15:40 - 16:00 | Posters & coffee break

16:00 - 17:25

## ROOM A | Novel approaches in Lower Extremity Artery Disease (LEAD)

Joint Session with the European Society of Vascular Medicine

Chairs: Oliver Schlager (AT) & Victor Aboyans (FR)

- Supervised exercise training in LEAD: alternative or adjuvant to revascularization? | Christine Espinola-Klein (DE)
- Interventional management of calcified arterial lesions | Marianne Brodmann (AT)
- Regenerative therapy in no-option chronic limb threatening ischemia | Juraj Madaric (SK)
- Air pollution and Critical Limb Ischemia | Jill Belch (UK)

## ROOM B | Prevention strategies in the continuum of CV risk

Chairs: Francisco Araújo (PT) & A. Schmidt-Trucksäss (CH)

- Effects of exercise training on atherothrombotic risk | Ingebjørg Seljeflot (NO)
- The polypill in primary and secondary prevention. Where do we stand? | Diederick Grobbee (NL)
- Preventive strategies in patients with CKD | Rui Baptista (PT)
- Association between influenza vaccination and cardiovascular diseases | John Pernow (SE)

17:30 - 17:55

## ROOM A | Steen Husted Lecture

Chairs: Dirk Sibbing (DE) & Lucia Mazzolai (CH)

- Current advances in ischemic stroke research and therapies | Wolfram Doehner (DE)

18:00 - 18:30

## ROOM A | ESC WG on Thrombosis General Assembly

- General information to members of the Working Group (ongoing and upcoming activities)

# Saturday, 22 October

08:00 - 08:55

**ROOM A | Moderated posters**

Chairs: Heleen Van Beusekom (NL) & Aline Verstrateteen (BE)

**ROOM B | Case-based session**

Organised by the ESC WG on Aorta and Peripheral Diseases

Chairs: Christian Heiss (UK) & Giacomo Buso (CH)

09:00 - 10:30

**ROOM A | Update on antithrombotic strategies**

Chairs: Sigrun Halvorsen (NO) & Ricardo Fontes-Carvalho (PT)

- Novel DAPT strategies for individualized treatment of CAD patients: Phenotyping & Genotyping approaches | Dirk Sibbing (DE)
- Antithrombotic strategies after AMI | Daniel Aradi (HU)
- Dual pathway in atherothrombotic disorders | João Morais (PT)
- Atrial fibrillation | Gregory Lip (UK)

**ROOM B | Aorta - What's new since the 2014 guidelines?**

Chairs: Aline Verstrateteen (BE) & Luís Mendes Pedro (PT)

- Genetics of Aortic Diseases | Julie Debacker (BE)
- New multimodality imaging techniques of the thoracic and abdominal aorta | Jose Rodriguez Palomares (SP)
- Type B aortic dissection: when to intervene | Martin Czerny (DE)
- Ruptured AAA: from prevention to intervention | Regula von Allmen (CH)

10:30 - 11:00 | Posters & coffee break

11:00 - 12:25

**ROOM A | Optimizing outcomes in Vascular Surgery**

Joint Session with the European Society of Vascular Surgery

Chairs: Lucia Mazzolai (CH) & João Morais (PT)

- Should we continue to screen cardiac diseases prior to peripheral revascularization? | Arno Schmidt-Trucksäss (CH)
- Optimal medical treatment of candidates to Vascular Surgery in 2022 | Maarit Venermo (FI)
- Peri-operative management of antithrombotic therapies | Sebastian Debus (DE)
- Follow-up after vascular intervention | D. Staub (CH)

**ROOM B | Predictive Biomarkers**

Chairs: Bruna Gigante (SE) & Cristina Gavina (PT)

- Biomarkers of bleeding | Agneta Seigbahn (SE)
- Biomarkers of arterial thrombosis | Lina Badimon (SP)
- Biomarkers of fibrinolysis | Diana Gorog (UK)
- Biomarkers of venous thrombosis | Cecilia Beccattini (IT)

12:30 - 13:00 | Poster awards and closure of conference

João Morais (PT), Andrea Rubboli (IT) & Oliver Schlager (AT)



**Meeting Secretariat**  
**FactorChave**

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