

## Annual Working Group Report Form

**Year/time period of report: 2023**

**Name of Working Group:** Working Group on Small Arteries

**Name of Working Group Section:** n/a

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### Composition of Working Group

**Chair:**

Agostino Virdis

Email: agostino.virdis@unipi.it

Year of appointment: 2022

Year of birth: 1964

**Vice-Chair:**

Name: Michalis Doumas

Email: michalisdoumas@yahoo.co.uk

Year of appointment: 2022

**Secretary:**

Name: Francisco Rios

Email: Francisco.rios@rimuhc.ca

Year of appointment: 2022

Year of birth: 1979

### Working Group Members

Current number of members:

WG on small arteries comprises two subgroups:

- Microvascular Inflammation: 36 members

- Sexual Dysfunction: 96 members

New members approved this year:

The subgroup of Microvascular inflammation approved the membership of 5 new members:

1. Anastasia Malliora

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Affiliation: Third Department of Internal Medicine, Aristotle University of Thessaloniki, Papageorgiou Hospital, Thessaloniki.

2. Barbara Nikolaidou  
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Country: Greece
  
3. Konstantinos Mastrogiannis  
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4. Ines Drenjančević  
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Affiliation: Medicinski fakultet Osijek /Faculty of Medicine Osijek University Josip Juraj Strossmayer Osijek, Osijek.  
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5. Barbara Anna Kutryb-Zajac  
Email: b.kutryb-zajac@gumed.edu.pl  
Affiliation: Department of Hypertension and Diabetology, Medical University of Gdańsk  
Country: Poland

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### **Activities of the year**

Publications on behalf of the Working Group

Published this year:

Mengozi A, de Ciuceis C, Dell'oro R, Georgiopoulos G, Lazaridis A, Nosalski R, Pavlidis G, Tual-Chalot S, Agabiti-Rosei C, Anyfanti P, Camargo LL, Dąbrowska E, Quarti-Trevano F, Hellmann M, Masi S, Mavraganis G, Montezano AC, Rios FJ, Winklewski PJ, Wolf J, Costantino S, Gkaliagkousi E, Grassi G, Guzik TJ, Ikonomidis I, Narkiewicz K, Paneni F, Rizzoni D, Stamatelopoulos K, Stellos K, Taddei S, Touyz RM, Triantafyllou A, Virdis A. The importance of microvascular inflammation in ageing and age-related diseases: a position paper from the ESH working group on small arteries, section of microvascular inflammation. *J Hypertens.* 2023 Oct 1;41(10):1521-1543. doi: 10.1097/HJH.0000000000003503. PMID: 37382158.

In preparation:

MS ID#: HYPE/2023/21800 - "Mechanisms of vascular inflammation and potential therapeutic targets: a position paper from the ESH working group on small arteries".  
Article submitted to *Hypertension*.

It is currently under revision for re-submission.

Meetings organized/planned this year: /

ESH endorsement: /

Participation to the ESH Annual Meeting

Session: WHAT WE NEED TO KNOW ABOUT MICROCIRCULATION

Date: 23/06/2023 16:00-17:30

Chairpersons: S. Masi (Pisa, ITALY), K. Stamatelopoulos (Athens, GREECE)

16:00 - 16:12 Microvascular dysfunction in misfolding protein diseases

K. Stamatelopoulos (Athens, GREECE)

16:15 - 16:27 Epigenetic control of microvascular function

S. Mohammed (Zurich, SWITZERLAND)

16:30 - 16:42 Endothelial glycocalyx and microcirculation

K. Katogiannis (Athens, GREECE)

16:45 - 16:57 Post-menopausal hypertension and sexual dysfunction: the role of endothelial dysfunction and SNS activity

M. Doumas (Thessaloniki, GREECE)

17:00 - 17:12 Sexual dysfunction in chronic kidney disease: prevalence and mediating mechanisms

K. Stavropoulos (Thessaloniki, GREECE)

17:15 - 17:27 Erectile dysfunction, hypertension and CV disease: a glimpse on common contributors

D. Terentes-Printzios (Athens, GREECE)

Participation to the ESH Annual Meeting 2024: Proposal submitted for the ESH Council and we are currently waiting for approval.

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### **Scientific projects**

Completed this year: /

Ongoing: /

In planning for next year: /

### **Educational projects**

Completed this year: /

Ongoing: /

In planning for next year: Virtual workshop on “Exploring new challenges and opportunities in investigating small vessels: experimental and human approach”.

### **Collaborations with other WGs/Scientific Societies:**

In planning for starting a new collaborative project with Prof Zhang (University of Leuven).

The aim of the project is to investigate the correlation between Glaucoma and 24h BP variability in a large cohort.

**Other remarks:**

**Filled by:** Agostino Viridis and Francisco Rios

**Date:** 11/01/2024

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**Appendix:**

Full board composition.

Member list of the WG SA – Subgroup microvascular inflammation;

Member list of the WG SA – Subgroup sexual dysfunction.

**Boarding committee**

Member and filiation:	Email:
Agostino Viridis ( <b>Chair</b> ) (Full Professor of Internal Medicine, Dept of Clinical and Experimental Medicine, University of Pisa, Italy)	<a href="mailto:agostino.viridis@unipi.it">agostino.viridis@unipi.it</a>
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Margus Viigimaa ( <b>Past-President</b> ) (Professor of Cardiovascular Medicine, Tallinn University of Technology, Estonia)	<a href="mailto:Margus.Viigimaa@regionaalhaiqla.ee">Margus.Viigimaa@regionaalhaiqla.ee</a>
Francisco Rios ( <b>Secretary</b> ) (Research Associate at Research Institute of the McGill University Health Centre, Montreal, CA)	<a href="mailto:Francisco.rios@rimuhc.ca">Francisco.rios@rimuhc.ca</a>

**Core Members**

*Section: Microcirculation and inflammation*

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*Section: Sexual Dysfunction*

Member and filiation:	Email:
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Dr Konstantinos Imprialos (Aristotle University, Thessaloniki, Greece)	<a href="mailto:kostasimprialos@hotmail.com">kostasimprialos@hotmail.com</a>

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Member list of the WG Subgroup on sexual dysfunction

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