

Annual Working Group Report Form

Year/time period of report: 2024

Name of Working Group: Small Arteries

Composition of Working Group

Chair

Agostino Virdis

Email: agostino.virdis@unipi.it

Year of appointment: 2022

Year of birth: 1964

Vice-Chair

Michalis Doumas

Email: michalisdoumas@yahoo.co.uk

Year of appointment: 2022

Secretary

Francisco Rios

Email: Francisco.rios@rimuhc.ca

Year of appointment: 2022

Year of birth: 1979

Working Group Members

Current number of members:

36 members (subgroup Microvascular Inflammation)

96 members (subgroup Sexual Dysfunction)

New members approved this year: 0

Activities of the year

Publications on behalf of the Working Group

Published this year:

Rios FJ, de Ciuceis C, Georgiopoulos G, Lazaridis A, Nosalski R, Pavlidis G, Tual-Chalot S, Agabiti-Rosei C, Camargo LL, Dąbrowska E, Quarti-Trevano F, Hellmann M, Masi S, Lopreiato M, Mavraganis G, Mengozzi A, Montezano AC, Stavropoulos K, Winklewski PJ, Wolf J, Costantino S, Doumas M, Gkaliagkousi E, Grassi G, Guzik TJ, Ikonomidis I, Narkiewicz K, Paneni F, Rizzoni D, Stamatelopoulos K, Stellos K, Taddei S, Touyz RM, Virdis A. Mechanisms of Vascular Inflammation and Potential Therapeutic Targets: A

Position Paper From the ESH Working Group on Small Arteries. **Hypertension. 2024**
Jun;81(6):1218-1232. doi: 10.1161/HYPERTENSIONAHA.123.22483. Epub 2024 Mar 21.
PMID: 38511317.

In preparation:

Title: Management of hypertension in patients with rheumatoid disorders

A position paper ESH working group on small arteries.

(In preparation for submission)

Meetings organized/planned this year:

ESH endorsement: yes

Participation at the ESH annual meeting 2024

2024 May 31 - Friday

Session: MECHANISMS OF MICROVASCULAR DAMAGE IN
CARDIOMETABOLIC DISEASES

Chairpersons: E. Gkaliagkousi (Thessaloniki, GREECE), A. Virdis (Pisa, ITALY)

14.30-14.38 Erectile dysfunction as a small artery disease condition D. Terentes-Printzios
(Athens, GREECE)

14.40-14.48 Endothelial ADAR2 controls immune cell trafficking in ischemic
Microcirculation by regulating IL-6 signaling
A. Gatsiou (Heidelberg, GERMANY)

14.50-14.58 Microcirculation and inflammatory diseases.
G. Pavlidis (Athens, GREECE)

15.00-15.08 The role of Neutrophil Netosis in target organ damage in Essential
Hypertension
A. Lazaridis (Thessaloniki, GREECE)

15.10-15.18 Perivascular adipose tissue meta-inflammation in microvascular
cardiometabolic diseases
A. Mengozzi (Pisa, ITALY)

15.20-15.28 TRPM7 and microvascular inflammation and fibrosis
F. Rios (Glasgow, UNITED KINGDOM)

Participation to the ESH Annual Meeting 2025.

Proposal was submitted to the ESH Council (tbc)

Scientific projects

Completed this year: -

Ongoing: -

In planning for next year: -

Educational projects

Completed this year: -

Ongoing: -

In planning for next year: -

Collaborations with other WGs/Scientific Societies: -

Other remarks: -

Filled by (full name): Agostino Virdis and Francisco Rios

Date: 01/12/2024

Appendix:

- I. Full board composition.
- II. Member list of the WG SA – Subgroup microvascular inflammation;
- III. Member list of the WG SA – Subgroup sexual dysfunction.

I. Boarding committee

Member and affiliation:	Email:
Agostino Virdis (Chair) (Full Professor of Internal Medicine, Dept of Clinical and Experimental Medicine, University of Pisa, Italy)	agostino.virdis@unipi.it
Michalis Doumas (Vice Chair) (Aristotle University of Thessaloniki, Greece)	michalisdoumas@yahoo.co.uk
Margus Viigimaa (Past-President) (Professor of Cardiovascular Medicine, Tallinn University of Technology, Estonia)	Margus.Viigimaa@regionaalhaigla.ee
Francisco Rios (Secretary) (Research Associate at Research Institute of the McGill University Health Centre, Montreal, CA)	Francisco.rios@rimuhc.ca

Core Members

Section: Microcirculation and inflammation

Member and affiliation:	Email:
Simon Tual-Chalot (Newcastle University)	simon.tual-chalot@newcastle.ac.uk

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Section: Sexual Dysfunction

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II. Member list of the WG Subgroup on microvascular inflammation

Surname	First name	Email-address	Country
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III. Member list of the WG Subgroup on sexual dysfunction

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