

Annual Working Group Report Form

Year/time period of report: 2023

Name of Working Group: Working Group on Hypertension and the Kidney

Name of Working Group Section (if applicable): NA

Composition of Working Group

Chair:

Jean-Michel Halimi

Email: jean-michel.halimi@univ-tours.fr

Year of appointment: June 2022

Year of birth: 1962

Vice-Chair:

Liffert Vogt

Email: l.vogt@amsterdamumc.nl

Year of appointment: June 2022

Year of birth: 1975

Working Group Members

Current number of members: 58

New members approved this year: 6

Name	Country	email address
Jean-Baptiste de Fréminville	Tours, France	jeanbaptiste.defreminville@aphp.fr
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Erik Olde Engberink	Amsterdam, The Netherlands	r.h.oldeengberink@amsterdamumc.nl

Activities of the year

Publications on behalf of the Working Group

Published in June 2022-2023:

Zoccali C, Mallamaci F, Halimi JM, Rossignol P, Serafidis P, De Caterina R, Giugliano R, Zannad F. Chronic cardiovascular-kidney disorder: a new conceptual framework. *Nat Rev Nephrol.* 2023 Nov 15. doi: 10.1038/s41581-023-00789-8. Epub ahead of print. PMID: 37968510.

Mancia G, Kreutz R, Brunström M, Burnier M, Grassi G, Januszewicz A, Muiesan ML, Tsioufis K, Agabiti-Rosei E, Algharably EAE, Azizi M, Benetos A, Borghi C, Hitij JB, Cifkova R, Coca A, Cornelissen V, Cruickshank JK, Cunha PG, Danser AHJ, Pinho RM, Delles C, Dominiczak AF, Dorobantu M, Doumas M, Fernández-Alfonso MS, Halimi JM, Járjai Z, Jelaković B, Jordan J, Kuznetsova T, Laurent S, Lovic D, Lurbe E, Mahfoud F, Manolis A, Miglinas M, Narkiewicz K, Niiranen T, Palatini P, Parati G, Pathak A, Persu A, Polonia J, Redon J, Sarafidis P, Schmieder R, Spronck B, Stabouli S, Stergiou G, Taddei S, Thomopoulos C, Tomaszewski M, Van de Borne P, Wanner C, Weber T, Williams B, Zhang ZY, Kjeldsen SE. 2023 ESH Guidelines for the management of arterial hypertension The Task Force for the management of arterial hypertension of the European Society of Hypertension: Endorsed by the International Society of Hypertension (ISH) and the European Renal Association (ERA). *J Hypertens*. 2023 Dec 1;41(12):1874-2071. doi: 10.1097/HJH.0000000000003480. Epub 2023 Sep 26. PMID: 37345492.

Sarafidis PA, Theodorakopoulou M, Ortiz A, Fernandez-Fernández B, Nistor I, Schmieder R, Arici M, Saratzis A, Van der Niepen P, Halimi JM, Kreutz R, Januszewicz A, Persu A, Cozzolino M. Atherosclerotic renovascular disease: a clinical practice document by the European Renal Best Practice (ERBP) board of the European Renal Association (ERA) and the Working Group Hypertension and the Kidney of the European Society of Hypertension (ESH). *Nephrol Dial Transplant*. 2023 Nov 30;38(12):2835-2850. doi: 10.1093/ndt/gfad095. PMID: 37202218; PMCID: PMC10689166.

Karagiannidis AG, Theodorakopoulou MP, Ferro CJ, Ortiz A, Soler MJ, Halimi JM, Januszewicz A, Persu A, Kreutz R, Sarafidis P. Impact of public restrictive measures on hypertension during the COVID-19 pandemic: existing evidence and long-term implications. *Clin Kidney J*. 2022 Oct 28;16(4):619-634. doi:10.1093/ckj/sfac235. PMID: 36998307; PMCID: PMC9620380.

Boulestreau R, Lorthioir A, Persu A, Sarafidis P, Cremer A, Tharaux PL, Rubin S, Maier B, Mazighi M, Paques M, Bonnin S, Dreau H, Debeugny S, Halimi JM, Gosse P. Revisiting malignant hypertension: rationale and design of the 'HAMA cohort', on behalf of the ESH working group 'hypertension and the kidney'. *J Hypertens*. 2023 Mar 1;41(3):453-458. doi: 10.1097/HJH.0000000000003357. Epub 2023 Jan 9. PMID: 36719959.

Ortiz A, Ferro CJ, Balafa O, Burnier M, Ekart R, Halimi JM, Kreutz R, Mark PB, Persu A, Rossignol P, Ruilope LM, Schmieder RE, Valdivielso JM, Del Vecchio L, Zoccali C, Mallamaci F, Sarafidis P; European Renal and Cardiovascular Medicine (EURECA-m) Working Group of the European Renal Association – European Dialysis and Transplant Association (ERA-EDTA) and the Hypertension and the Kidney Working Group of the European Society of Hypertension (ESH). Mineralocorticoid receptor antagonists for nephroprotection and cardioprotection in patients with diabetes mellitus and chronic kidney disease. *Nephrol Dial Transplant*. 2023 Jan 23;38(1):10-25. doi: 10.1093/ndt/gfab167. PMID: 33944938.

Submitted to J Hypertens in 2023

Screening and management of hypertensive patients with CKD referred to Hypertension Excellence centres among 27 countries. On behalf of the European Society of Hypertension Working Group on Hypertension and the Kidney.

In preparation:

1. Systematic review: Malignant hypertension and kidney diseases (project led Jean-Michel Halimi and Liffert Vogt, list of authors not finalized).

WG scientific meeting : participation to the 9th Official pre-ESH Congress Satellite Symposium, 31 March 2023, Benaki Museum Amphitheater (Piraeus St.), Greece:

Managing HTN in patients with CKD: Chairpersons: J.M. Halimi (FR)

D. Vlachakos (GR) BP targets in patients with CKD/ESRD?

How to go there? J.M. Halimi (FR)

BP control in patients with polycystic kidney disease R. Kalaitzidis (GR)

Treatment of atrial fibrillation in patients with advanced CKD and ESRD P. Sarafidis (GR)

Panelists: D. Petras (GR), S. Marinaki (GR)

Participation to the ESH Annual Meeting Juen 23, 2023 : WG scientific meeting:

Chairpersons: J.-M. Halimi (Tours, FRANCE), L. Vogt (Amsterdam, THE NETHERLANDS)

16:00 - 16:20	Hypertensive nephropathy and ESRD: time to reconsider our diagnostic approach? J. Serre (Paris, FRANCE)
16:20 - 16:40	Improving cardio-renal protection in CKD after RAS-blockers: add newer drugs or the good old diuretics? L. Vogt (Amsterdam, THE NETHERLANDS)
16:40 - 17:00	Which kind of hypertension is important in hemodialysis? Intra or interdialytic? P. Sarafidis (Thessaloniki, GREECE)
17:00 - 17:20	The cardiorenal syndrome: is the chronology-based present nosology useful? C. Zoccali (Reggio Calabria, ITALY)
17:20 - 17:30	General Discussion

Participation to the ERA Annual Meeting 2023

How to best treat post-Tx hypertension? What are the gaps of knowledge?
Jean-Michel Halimi

WG Business meeting program, June 24, 2023, Milan

1. Present members and new members, Jean-Michel Halimi
2. Actions during the last year, Liffert Vogt, Jean-Michel Halimi

Publications

Congresses:

- pre-ESH symposium, Athens
- Kidney-HT ESH 2023 meeting
- ERA 2023

3. Survey: Management of CKD patients in the ESH HT Excellence Centers: Jean-Michel Halimi
4. Collaboration with Astra Zeneca, Jaquie Finn, Jean-Michel Halimi
5. HAMA collaborative study, Romain Boulestreau
6. Possible future projects – Liffert Vogt
 - monitoring of life style adherence in HT and CKD
 - genetics of hypertensive nephropathy

Scientific projects

Completed this year: NA

Ongoing:

- European/International Fibromuscular Dysplasia Registry. A Persu
- "HAMA" (a cohort of patients with malignant hypertension followed in France and now in Germany). Romain Boulestreau, J-M Halimi

Educational project

Survey completed in 2023

Diagnosis and management of CKD among ESH-Excellence centers (1 paper submitted to J Hypertens, cf supra).

Collaborations with other WGs/Scientific Societies:

- 1) European Renal and Cardiovascular Medicine (EURECA-m) working group of the European Renal Association (ERA)
- 2) (through ESH) Kidney Disease Improving Global Outcomes (KDIGO)

Filled by (full name): Jean-Michel Halimi

Date: 31/12/2023

Appendix:

- List of all current WG members
- Statutes of the WG

List of current Working Group Members

Name	Firstname	Country	Email
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Statutes of the Working Group on Hypertension and the Kidney

Article 1

The working group (WG HT & Kidney) is established as a working group of the European Society of Hypertension (ESH) according to the by-laws of the ESH. The internal governance of the WG is regulated by ESH Council-approved Rules and Regulations.

Article 2

The WG encourages research, teaching, and communication of knowledge, and participates in education focused on the effects of high blood pressure and associated cardiovascular risk factors on the Kidney.

Specific objectives include:

- To contribute to the organization of the scientific program of the annual ESH Congress and to support and participate in other ESH scientific meetings and symposia
- To contribute to task forces for the development and implementation of ESH guidelines and joint guidelines with sister societies
- To develop position papers and consensus documents on hypertension and the kidney in collaboration with sister societies
- To contribute to the organization of joint sessions with other international societies and other scientific meetings related to the Kidney

Article 3

The Board consists of:

Officers: Chair, immediate Past-Chair, Secretary, and up to five officers.

The Chair and the Secretary are elected for a non-renewable period of 4 years (2 years + 2 years if no other candidate applies). The Chair automatically becomes Past-Chair for the following 4 years, after his/her term of office has expired. The Past-Chair has an advisory role.

The officers are appointed by the Chair for the duration of his mandate. Approval from the majority of the WG is necessary. Officers have to be members of the WG in order to be appointed.

Article 4

The Secretary, with the agreement of the Chair, is responsible for preparing an annual report on the activities of the WG for the ESH Council and the membership, to be presented and approved at the Annual General Assembly.

Article 5

The members of the WG will elect the Chair and Secretary every 4 years, unless a new candidate applies after 2 years of the mandate. In this case a vote is organized after 2 years.

Article 6

The Board will consist of members with a proven record in the field of hypertension and the Kidney. Potential members should apply to the Chair by submitting a brief (one page) curriculum vitae including relevant references related to the subject of the working group. The Chair will ratify the application, but may ask for advice from the other Officers if deemed appropriate.

Article 7

The Board will meet at least once a year at the annual ESH Congress. The Board may meet in conjunction with other events and hold conference calls when required.

Article 8

The General Assembly will be held once a year during the annual ESH Congress. The agenda of the General Assembly will be drawn up by the Chair.