

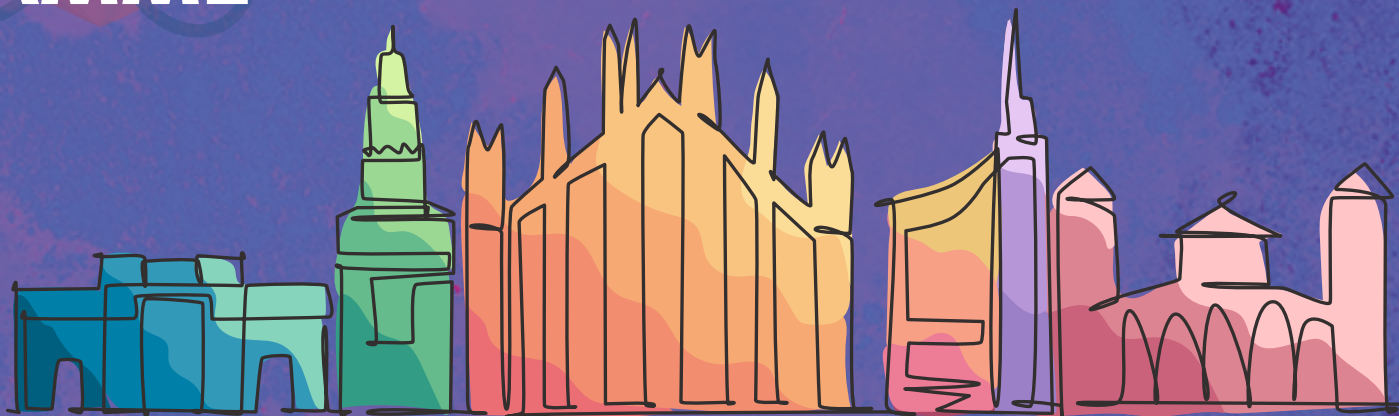


34th EUROPEAN MEETING

on Hypertension
and Cardiovascular
Protection

**FINAL
PROGRAMME**

MAY 23-26, 2025 – MILAN
Allianz MiCo – North Wing (Level 2),
New Pavilion
Viale Scarampo – Gate 6
Milan, Italy





COMMITTEES

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Guido Grassi - Chairman

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Maria Lorenza Muiesan

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A. Persu - *Coordinator Working Groups Activities*

J. Danser - *Coordinator ESH Young Fellows Programme*

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A. Coca

R. de Pinho

L. Halvorsen

A. Janusewicz

Z. Jarai

R. Kreutz

D. Lovic

A. Manolis

A. Pathak

J. Polonia

E. Rodilla

C. Tsioufis



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E. Yang
X. Zhang
R. Zimlichman



GENERAL INFORMATION

REGISTRATION OPENING HOURS

Friday, May 23	11.00 - 19.00
Saturday, May 24	07.15 - 20.00
Sunday, May 25	07.15 - 19.00
Monday, May 26	07.45 - 14.30

EXHIBITION OPENING HOURS

Friday, May 23	11.00 - 18.00
Saturday, May 24	08.15 - 18.15
Sunday, May 25	08.15 - 18.15
Monday, May 26	08.00 - 14.30

ADMISSION

Badge is required for all congress activities. Lost badges can be replaced for a fee with proof of registration. No children allowed in congress areas.

LANGUAGE

The official language of the Meeting is English.

LUNCHES

Box lunches are served upon presentation of the related daily coupon included in your badge.

MEDICAL ASSISTANCE

Participants in need of medical assistance should contact the medical Point located along the North Wing Level 2 access route.

E-POSTER SESSIONS

Saturday, May 24	18.15 - 19.45
Sunday, May 25	11.15 - 12.45
Monday, May 26	13.00 - 14.30

E-posters will remain accessible throughout the congress.

NEWS & HIGHLIGHTS

- BLOOD PRESSURE MEASURING: May 23, 24, 25 Suite I
- UNDER PRESSURE – THE QUIZ: May 24, 15.15-16.15 ESH Village
- ESH MORNING RUN: May 26, 7.00-8.00 Parco Sempione

BE CONNECTED!



Wi-Fi: ESH MEETING 2025
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ESH Annual Meetings



@ESH_Annual

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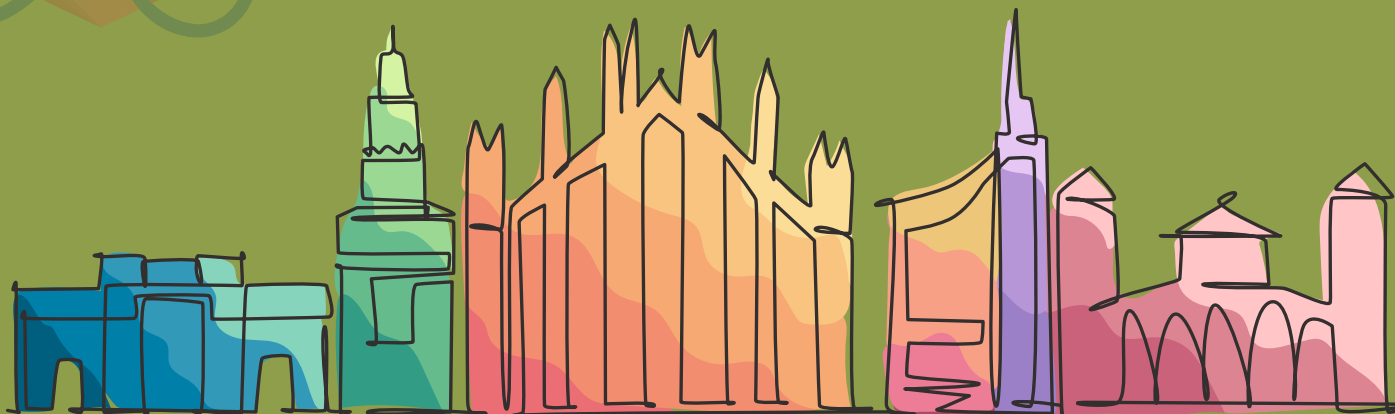


European
Society of
Hypertension

34th
**EUROPEAN
MEETING**
on Hypertension
and Cardiovascular
Protection



FRIDAY, 23 MAY, 2025





FRIDAY, MAY 23, 2025

12:00-13:00

Sky

ESH Working Group on Device-Based Treatment of Hypertension ADVANCES AND CONTROVERSIES IN RENAL DENERVATION: EVIDENCE, PRACTICE, AND FUTURE DIRECTIONS

Chairs: D. Hering (Gdansk, POLAND), L. Lauder (Basel, GERMANY)

12:00-12:12 The 2024 ESC Guidelines: Where Does Renal Denervation Stand?

A. Pathak (Luxembourg, LUXEMBOURG)

12:12-12:24 Expanding the Indications: Beyond Resistant Hypertension
R.E. Schmieder (Erlangen, GERMANY)

12:24-12:36 Real-World Data on RDN: Lessons Learned and Ongoing Challenges
K. Dimitriadis (Athens, GREECE)

12:36-12:48 Future Perspectives: RDN in Combination with Pharmacological and Lifestyle Interventions
D. Hering (Gdansk, POLAND)

12:48-13:00 General Discussion

12:00-13:00

Aqua I

ESH Working Group on Endocrine Hypertension NOVELTIES IN THE MANAGEMENT OF ENDOCRINE HYPERTENSION

Chairs: L. Amar (Paris, FRANCE), P. Mulatero (Turin, ITALY)

12:00-12:30 1^o Controversy: Should we screen for Primary Aldosteronism in all hypertensive patients yes/no?
L. Amar (Paris, FRANCE), S. Monticone (Turin, ITALY)

12:30-12:45 Primary Aldosteronism Medical Treatment Outcomes (PAMO) Consensus: Outcomes after medical treatment for primary aldosteronism
J. Burrello (Torino, ITALY)

12:45-13:00 OSAS and endocrine hypertension
J. Widimsky Jr. (Prague, CZECH REPUBLIC)



FRIDAY, MAY 23, 2025

12:00-13:00

Aqua 2

ESH Working Group on Small Arteries

HYPERTENSION AND SMALL VESSELS: BACK TO THE PATHOPHYSIOLOGY

Chairs: M. Doumas (Thessaloniki, GREECE), A. Viridis (Pisa, ITALY)

- | | |
|--------------------|---|
| 12:00-12:12 | Evaluation of retinal microcirculation in hypertension
C. De Ciuceis (Brescia, ITALY) |
| 12:12-12:15 | Discussion |
| 12:15-12:27 | Retinal and cutaneous microvascular alterations in health and disease
E. Dabrowska (Gdansk, POLAND) |
| 12:27-12:30 | Discussion |
| 12:30-12:42 | Sexual dysfunction in patients with hypertension and diabetes: how to manage (tips and tricks)
A. Pittaras (Athens, GREECE) |
| 12:42-12:45 | Discussion |
| 12:45-12:57 | Sexual dysfunction, hypertension and coronary artery disease
K. Stavropoulos (Thessaloniki, GREECE) |
| 12:57-13:00 | Discussion |

12:00-13:00

Aria I

ESH Working Group on Hypertension in Children and Adolescents

HyperChildNET COST ACTION: SCIENTIFIC PROGRESS IN PEDIATRIC HYPERTENSION THROUGH NETWORKING

Chairs: D. Drozd (Kraków, POLAND), S. Stabouli (Thessaloniki, GREECE)

- | | |
|--------------------|---|
| 12:00-12:12 | Accuracy of BP measurement devices in children and adolescents
S. Stabouli (Thessaloniki, GREECE) |
| 12:12-12:24 | Blood Pressure values in healthy normal weight children and adolescents in eight European countries: HyperChildNET
E. Lurbe (Valencia, SPAIN) |
| 12:24-12:36 | HMOD in Children and adolescents with primary hypertension
M. Litwin (Warsaw, POLAND) |
| 12:36-12:48 | Prevention of primary hypertension in childhood
D. Drozd (Kraków, POLAND) |
| 12:48-13:00 | General Discussion |



FRIDAY, MAY 23, 2025

12:00-13:00

Aria 2

ESH Working Group on Environment in Hypertension ENVIRONMENTAL RISK FACTORS AND CARDIOVASCULAR DISEASE

Chairs: R. Kreutz (Berlin, GERMANY), M. Rajzer (Kraków, POLAND)

- | | |
|--------------------|---|
| 12:00-12:12 | Heavy metals and cardiovascular health
J. Staessen (Leuven, BELGIUM) |
| 12:12-12:24 | Volcanic and African dust, wildfires, and air pollution caused by human activities - hypertensiologist view
C. Grassos (Athens, GREECE) |
| 12:24-12:36 | Noise annoyance and cardiovascular disease risk
O. Hahad (Mainz, GERMANY) |
| 12:36-12:48 | Societal and personal strategies for reducing environmental pollutants
W. Wojciechowska (Kraków, POLAND) |
| 12:48-13:00 | General Discussion |

13:15-14:15

Sky

ESH Working Group on Blood Pressure Monitoring and Cardiovascular Variability UNSOLVED ISSUES ON BP MEASUREMENT

Chairs: G. Bilo (Milan, ITALY), A. De La Sierra (Terrassa, SPAIN)

- | | |
|--------------------|--|
| 13:15-13:27 | Attended versus unattended office BP measurement
K. Narkiewicz (Gdansk, POLAND) |
| 13:27-13:39 | Should HBPM protocols include nighttime BP measurements?
G. Parati (Milan, ITALY) |
| 13:39-13:51 | Are we ready for cuffless BP device invasion?
A. Schutte (Sydney, AUSTRALIA) |
| 13:51-14:03 | Smart phone Apps. for BP monitoring. Advantages and disadvantages
G.S. Stergiou (Athens, GREECE) |
| 14:03-14:15 | General Discussion |



FRIDAY, MAY 23, 2025

13:15-14:15

Aqua 1

ESH Working Group on Diabetes and Metabolic Risk Factors

Chair: V. Kotsis (GREECE)

13:15-13:25 Obesity-induced hypertension: Is the future bright?
P. Nilsson (Malmö, SWEDEN)

**13:25-13:35 Obesity-Induced Hypertension and Gut microbiota:
A potential therapeutic avenue?**
A. Belancic (Rijeka, CROATIA)

**13:35-13:45 The role of Lean Body Mass on Hypertensive Heart and CV
risk evaluation**
C. Grassos (Athens, GREECE)

**13:45-13:55 Cardio-reno-metabolic syndrome: Lessons from RCTs for
the clinical practice**
A. Jelakovic (Zagreb, CROATIA)

**13:55-14:05 Metabolically healthy obesity. The key for future clinical
management?**
P. Anyfanti (Thessaloniki, GREECE)

14:05-14:15 General Discussion

13:15-14:15

Aqua 2

ESH Working Group on Large Arteries

VASCULAR ORGAN DAMAGE AND HYPERTENSION: WHAT DO THE ESH 2023 AND ESC 2024 GUIDELINES SAY AND WHAT IS MISSING?

Chairs: M.L. Muiesan (Brescia, ITALY), T. Weber (Wels, AUSTRIA)

**13:15-13:30 Could arterial stiffness help to improve risk stratification
in subjects with hypertension?**
R.M. Bruno (Paris, FRANCE)

13:30-13:45 Calcium score and beyond
M.T. Lønnebakken (Bergen, NORWAY)

**13:45-14:00 Looking beyond coronary arteries: Carotid ultrasound and
ABI**
A. Paini (Brescia, ITALY)

14:00-14:15 General Discussion



FRIDAY, MAY 23, 2025

13:15-14:15

Aria 2

**ESH Working Group on Hypertension in Older Adults
HOW DOES A NON-GERIATRICIAN ASSESS FRAILTY AND
FUNCTIONAL CAPACITIES IN OLDER PATIENTS TO ADAPT
ANTIHYPERTENSIVE TREATMENT?**

Chairs: A. Benetos (Nancy, FRANCE), T. de Backer (Brussels, BELGIUM)

- 13:15-13:27 Assessing frailty in older patients: Moving from the concept to the clinical practice**
G. Rivasi (Florence, ITALY)
- 13:27-13:35 Presentation of a clinical case: an 84 y.o. woman at first appointment**
A. Kearney-Schwartz (Nancy, FRANCE)
- 13:35-13:50 Advantages and limitations of three commonly used screening tools of frailty and functional capacities (CFS, FRIED, WHO- ICOPE)**
D. Dallmeier (Ulm, GERMANY)
- 13:50-14:00 How to use the results of frailty screening to adapt the treatment of the 84 yo woman**
A. Benetos (Nancy, FRANCE)
- 14:00-14:15 General discussion**

14:00-16:00

Ocean

Young Investigators Meeting

14:30-15:30

Sky

ESH Working Group on Lifestyle, Cardiovascular Pharmacotherapy and Adherence

**PERSONALIZATION OF LIFESTYLE AND MEDICAL THERAPIES:
HOW TO?**

Chairs: P. Gupta (Leicester, UNITED KINGDOM),
J. Versmissen (Rotterdam, THE NETHERLANDS)

- 14:30-14:42 Personalized exercise interventions**
J. Claes (Leuven, BELGIUM)
- 14:42-14:54 Personalized feedback on non-adherence**
A. Kassavou (Luton, UNITED KINGDOM)
- 14:54-15:06 Personalized diet interventions**
R. Olde Engberink (Amsterdam, THE NETHERLANDS)
- 15:06-15:18 Personalized medical treatment: to whom and how?**
V. Cunha (Almada, PORTUGAL)
- 15:18-15:30 General Discussion**



FRIDAY, MAY 23, 2025

14:30-15:30

Aqua I

ESH Working Group on Hypertension and the Kidney HYPERTENSION AND THE KIDNEY

Chairs: M. Pruijm (Lausanne, SWITZERLAND),
L. Vogt (Amsterdam, THE NETHERLANDS)

- 14:30-14:40 Malignant hypertension: understanding its renopathological phenotypes**
V. Maisons (Tours, FRANCE), J.-M. Halimi (Tours, FRANCE)
- 14:40-14:45 Discussion**
- 14:45-14:55 Monitoring lifestyle adherence in blood pressure management: perspectives from physicians**
A.M. Van Vliet (Amsterdam, THE NETHERLANDS)
- 14:55-15:00 Discussion**
- 15:00-15:10 Bringing new technologies to the clinic: non-pharmacological techniques to treat hypertension in patients with chronic kidney disease**
M. Pruijm (Lausanne, SWITZERLAND)
- 15:10-15:15 Discussion**
- 15:15-15:25 The "exposome" and its role in the pathophysiology and management of CKD and Hypertension**
- 15:25-15:30 Discussion**

14:30-15:30

Aqua 2

ESH Working Group on Hypertension and the Heart CARDIOVASCULAR RISK RECLASSIFICATION BY HYPERTENSION-MEDIATED CARDIAC DAMAGE ACROSS SEXES, ETHNICITIES AND BLOOD PRESSURE STRATA

Chairs: S. Masi (Pisa, ITALY), C. Tsioufis (Athens, GREECE)
Panelists: E. Agabiti Rosei (Brescia, ITALY), A. Kasiakogias (Athens, GREECE)

- 14:30-14:40 Traditional and new measures to capture hypertension-mediated cardiac damage**
M. Camafort Babkowski (Barcelona, SPAIN)
- 14:40-14:50 Which measure of hypertension-mediated cardiac damage should be used to reclassify the cardiovascular risk in males and females?**
D. Konstantinidis (Athens, GREECE)
- 14:50-15:00 Which measure of hypertension-mediated cardiac damage should be used to reclassify the cardiovascular risk in patients from different ethnicities?**
L. Faconti (London, UNITED KINGDOM)
- 15:00-15:10 Reclassifying the cardiovascular risk with measures of hypertension-mediated cardiac damage across different blood pressure strata**
S. Masi (Pisa, ITALY)
- 15:10-15:30 General Discussion**



FRIDAY, MAY 23, 2025

14:30-15:30

Aria I

ESH Working Group on Hypertension in Women

Chairs: R. Cífková (Prague, CZECH REPUBLIC),
A. Mihailidou (Sydney, AUSTRALIA)

- 14:30-14:37** **Proteomics in predicting pre-eclampsia**
M. Lopez-Sublet (Bobigny, FRANCE)
- 14:37-14:40** **Discussion**
- 14:40-14:47** **Arterial stiffness as a predictor of hypertensive disorders in pregnancy**
P. Sinigoj (Ljubljana, SLOVENIA)
- 14:47-14:50** **Discussion**
- 14:50-14:57** **Hypertension in pregnancy treatment guided by hemodynamics**
F. Piani (Bologna, ITALY)
- 14:57-15:00** **Discussion**
- 15:00-15:07** **The Basel Post-Partum Hypertension Cohort: Clinical Implications**
T. Socrates (Basel-Schweiz, SWITZERLAND)
- 15:07-15:10** **Discussion**
- 15:10-15:17** **Assisted reproduction and hypertensive disorders**
J. Brguljan (Ljubljana, SLOVENIA)
- 15:17-15:20** **Discussion**
- 15:20-15:27** **Antihypertensive drugs during lactation**
E. Gkaliagkousi (Thessaloniki, GREECE)
- 15:27-15:30** **Discussion**

14:30-15:30

Aria 2

ESH Working Group on Hypertension and the Brain **CURRENT PROBLEMS AND PERSPECTIVES OF HYPERTENSIVE BRAIN DAMAGE**

Chairs: P. Guimarães Cunha (Guimaraes, PORTUGAL),
D. Hering (Gdansk, POLAND)

- 14:30-14:35** **Introduction**
P. Guimarães Cunha (Guimaraes, PORTUGAL),
D. Hering (Gdansk, POLAND)
- 14:35-14:50** **Cardiac risk factors for cerebrovascular disease: a cardiological perspective**
A. Coca (Barcelona, SPAIN)
- 14:50-15:05** **Cerebrovascular pathology: a neurological perspective**
T. Yaneva-Sirakova (Sofia, BULGARIA)
- 15:05-15:20** **Brain - heart syndrome with attention to Atrial Fibrillation Detected after Stroke (AFDAS)**
D. Hering (Gdansk, POLAND)
- 15:20-15:30** **General Discussion**



FRIDAY, MAY 23, 2025

15:45-16:30

Aqua 2

General Assembly of the ESH Working Groups

15:45-16:30

Aria I

Excellence Centre meeting

16:45-17:45

Acqua I

ESH Working Group on Hypertension and Cardiovascular Risk in Low Resource Settings

CARDIOVASCULAR RISK AND LIFESTYLE IN LOW RESOURCE SETTINGS

Chairs: G. Parati (Milan, ITALY),

B.J. Van den Born (Amsterdam, THE NETHERLANDS)

16:45-17:00 Development of Africa's First Unified Hypertension Management Guidelines, Accra, Ghana

A. Doku (Accra, GHANA)

17:00-17:15 Blood Pressure Screening and hypertension control with first line triple low dose combination. A pilot study in the Mata Sector, a Rural Area of Rwanda

I. Hunjan (Lugano, SWITZERLAND)

17:15-17:30 Lifestyle and Gut Microbiota Shift Along the Migration Axis: The RODAM-Pros Cohort

B. Verhaar (Amsterdam, THE NETHERLANDS)

17:30-17:45 General Discussion



FRIDAY, MAY 23, 2025

16:45-17:45

Aqua 2

Session of the Young Investigators Group SEX AND GENDER IN HYPERTENSION

Chairs: C. Mancusi (Naples, ITALY), Y. Sener (Rotterdam, THE NETHERLANDS)

16:45-16:55 **Sex hormones, blood pressure and vascular changes**
E.M. Horváth (Budapest, HUNGARY)

16:55-17:10 **Sex differences in hypertension - approach to the patient**
F. Piani (Bologna, ITALY)

17:10-17:20 **Hypertension and cardiovascular disease in transgender
and gender diverse individuals -epidemiology
and mechanisms**
D. Ferrao (Porto, PORTUGAL)

17:20-17:35 **Blood pressure control in transgender and gender diverse
individuals**
P. Sinigoj (Ljubljana, SLOVENIA)

17:35-17:45 **General Discussion**

16:45-17:45

Aria 2

GP Network Meeting

18:00-19:00

Ocean

OPENING CEREMONY

WELCOME SPEECHES

T. Weber, President, European Society of Hypertension

A. Virdis, President, Italian Society of Hypertension

G.S. Stergiou, President, International Society of Hypertension

G. Parati, President, World hypertension League

S.E. Kjeldsen, In memoriam of Professor Stevo Julius

G. Mancia, Honorary President 2025 ESH Meeting

G. Grassi, Chairman 2025 ESH Meeting and ESH Immediate Past-President

Presidential Lecture: Pulsatile hemodynamics

T. Weber

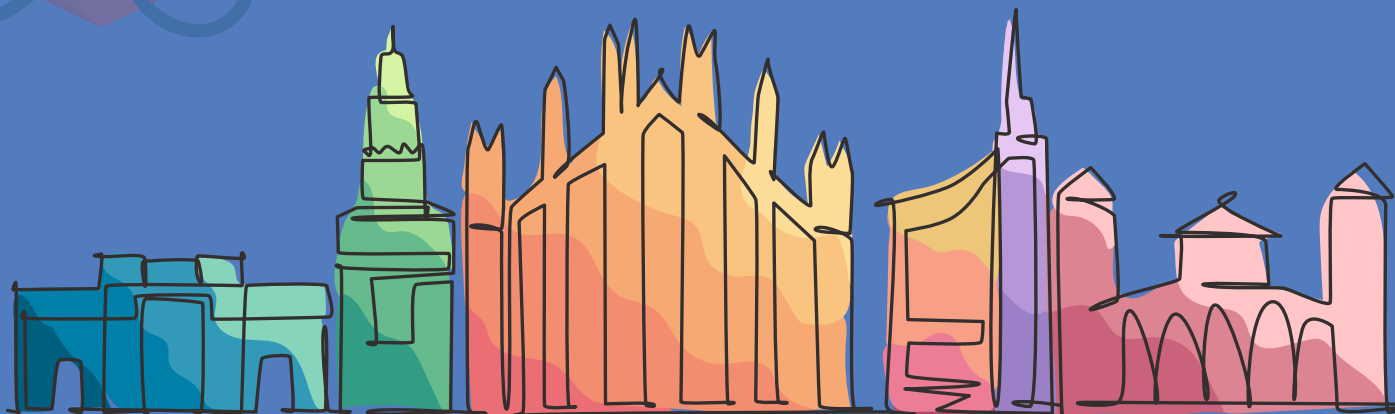
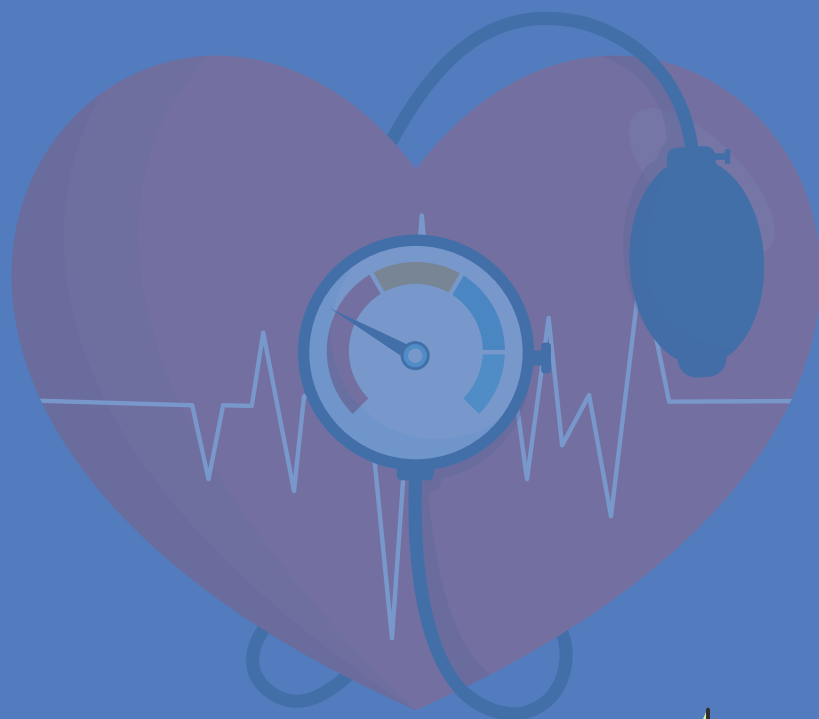
Precision Medicine and Precision Public Health

A. Dominiczak



34th
**EUROPEAN
MEETING**
on Hypertension
and Cardiovascular
Protection

SATURDAY, 24 MAY, 2025





SATURDAY, MAY 24, 2025

07:30-08:15

Ocean 2

Joint Session ESH-SAHA

NEW FRONTIERS IN RESISTANT HYPERTENSION: FROM MECHANISMS TO THERAPEUTIC STRATEGIES

Chair: A. Coca (Barcelona, SPAIN)

07:30-07:40 eHealth in Hypertension: Current Status and Challenges focus en LatinAmerican
D. Piskorz (Rosario, ARGENTINA)

07:40-07:50 Overcoming Barriers for the Diagnosis of True Resistant Hypertension
T. Weber (Wels, AUSTRIA)

07:50-08:00 New Therapeutic Strategies: Towards Better Control of Resistant Hypertension
B. Williams (London, UNITED KINGDOM)

08:00-08:10 Renal Denervation: Identifying the Optimal Timing in the Therapeutic Algorithm
R. Sanchez (Buenos Aires, ARGENTINA)

08:10-08:15 General Discussion

07:30-08:15

Sky

Joint Session SFHTA - ISH - ESH

MANAGEMENT OF COMMON AND UNCOMMON REFERRALS TO SPECIALIST BLOOD PRESSURE SERVICE

Chairs: C. Delles (Glasgow, UNITED KINGDOM),
B. Duly Bouhanick (Toulouse, FRANCE),
G.S. Stergiou (Athens, GREECE)

07:30-07:40 Pseudo-resistant Hypertension
S. Rubin (Bordeaux, FRANCE)

07:40-07:50 Intolerance of Antihypertensive Treatment
P.A. Swift (Carshalton, UNITED KINGDOM)

07:50-08:00 Secondary Hypertension
L. Amar (Paris, FRANCE)

08:00-08:10 Standing hypertension
A. Kollias (Athens, GREECE)

08:10-08:15 General Discussion



SATURDAY, MAY 24, 2025

07:30-08:15

Aqua 1

Joint Session ESH-ISVH

NEW PERSPECTIVES IN CARDIO-KIDNEY-METABOLIC PREVENTION

Chairs: A. Postadzhiyan (Sofia, BULGARIA), J. Topouchian (Paris, FRANCE)

07:30-07:40 Slowing down arterial stiffening can improve chances for healthy aging

A. Benetos (Nancy, FRANCE)

07:40-07:50 Blood vessels as a target organ of environmental pollution adverse effects

M. Rajzer (Kraków, POLAND)

07:50-08:00 Chronic kidney disease and aging

B. Jelakovic (Zagreb, CROATIA)

08:00-08:15 General Discussion

07:30-08:15

Aqua 2

Panel Discussion

NATIONAL INITIATIVES AND GOALS FOR BETTER HYPERTENSION MANAGEMENT

Chairs: L. Halvorsen (Oslo, NORWAY), R. Kreutz (Berlin, GERMANY)

Discussants: R. Kreutz (Berlin, GERMANY)

R. de Pinho (São João da Madeira, PORTUGAL)

J. Brguljan (Ljubljana, SLOVENIA)

A. Schutte (Sydney, AUSTRALIA)

E. Rodilla (Valencia, SPAIN)

A. Vachulova (Bratislava, SLOVAK REPUBLIC)



SATURDAY, MAY 24, 2025

07:30-08:15

Aria I

Morning Session

MULTI PILL COMBINATION AS A FIRST STEP OPTION

Chairs: K. Narkiewicz (Gdansk, POLAND),
A. Pathak (Luxembourg, LUXEMBOURG)

07:30-07:45 Triple pill
K. Narkiewicz (Gdansk, POLAND)

07:45-08:00 Quadruple pill
S. Taddei (Pisa, ITALY)

08:00-08:15 General Discussion

07:30-08:15

Aria 2

Morning Session

FROM HYPERTENSION TO CORONARY ARTERY DISEASE

Chairs: E. Agabiti Rosei (Brescia, ITALY),
A.J. Manolis (Athens, GREECE)

**07:30-07:45 Mechanisms of cardiac ischemia in hypertension:
The role of microvascular dysfunction**
M. Kallistratos (Athens, GREECE)

07:45-08:00 Best treatment of chronic coronary artery disease
A.J. Manolis (Athens, GREECE)

08:00-08:15 General Discussion

08:30-09:30

Ocean 2

Round Table

RENAL DENERVATION

Chairs: M. Azizi (Paris, FRANCE), R.E. Schmieder (Erlangen, GERMANY)

Intro Talk

R.E. Schmieder (Erlangen, GERMANY)

Discussants: M. Azizi (Paris, FRANCE)
M. Brunström (Umeå, SWEDEN)
G. Mancina (Milan, ITALY)
A. Pathak (Luxembourg, LUXEMBOURG)
R.E. Schmieder (Erlangen, GERMANY)



SATURDAY, MAY 24, 2025

08:30-09:30

Sky

Oral Session

BP MEASUREMENT/MONITORING I

Chairs: J. Sharman (Hobart, AUSTRALIA), G.S. Stergiou (Athens, GREECE)

08:30-08:40 AMBULATORY AND HOME NIGHTTIME BLOOD PRESSURE VARIABILITY IN PATIENTS WITH HYPERTENSION AND PREDIABETES/DIABETES: ASSOCIATION, AGREEMENT, AND RELATIONSHIP WITH TARGET-ORGAN DAMAGE

K. Kyriakoulis, A. Kollias, V. Ntousopoulos, A. Menti, I. Bountzona, A. Komnianou, A. Destounis, P. Lempidaki, A. Theodosiadi, G. S. Stergiou
Athens (GREECE)

08:40-08:50 VALIDATED BLOOD PRESSURE MEASURING DEVICES FOR CHILDREN: STRIDE BP SYSTEMATIC REVIEW AND META-ANALYSIS

G. S. Stergiou ⁽¹⁾, A. Menti ⁽¹⁾, P. Palatini ⁽²⁾, G. Parati ⁽³⁾, J.G. Wang ⁽⁴⁾, D. Mariglis ⁽¹⁾, A. Schutte ⁽⁵⁾, A. Kollias ⁽¹⁾
⁽¹⁾ Athens (GREECE), ⁽²⁾ Padua, ⁽³⁾ Milan (ITALY), ⁽⁴⁾ Shanghai (CHINA), ⁽⁵⁾ Sydney (AUSTRALIA)

08:50-09:00 WITHIN-VISIT AND SHORT- AND LONG-TERM BETWEEN-VISIT BLOOD PRESSURE VARIABILITY AS PREDICTORS OF CARDIOVASCULAR EVENTS AND MORTALITY IN ELDERLY CHINESE

Y. Zhou, W. Zhang, J.H. Xia, Y. Li, J.-G. Wang
Shanghai (CHINA)

09:00-09:10 INCREASED ARTERIAL STIFFNESS AND LEFT VENTRICULAR REMODELLING AS MARKERS OF MASKED HYPERTENSION: FINDINGS FROM THE PAMELA POPULATION

F. Quarti Trevano, R. Facchetti, E. Gherbesi, J. Vanoli, G. Mancia, G. Grassi, C. Cuspidi
Milan (ITALY)

09:10-09:20 SIMPLIFIED REGIMEN FOR THE MANAGEMENT OF HYPERTENSION WITH TELEMEDICINE AND BLOOD PRESSURE SELF-MONITORING(SIMPLE): AN OPEN-LABEL, MULTICENTER, RANDOMIZED CONTROLLED TRIAL

R. Maimaitiaili ⁽¹⁾, M. Wan ⁽¹⁾, J. Shi ⁽¹⁾, M. Wang ⁽¹⁾, F. Zhao ⁽¹⁾, J. Gao ⁽¹⁾, J. Hu ⁽¹⁾, Y. Zhao, Y. Zhang, J. Han ⁽¹⁾
⁽¹⁾ Shanghai, ⁽²⁾ Urumqi (CHINA)

09:20-09:30 MAY MEASUREMENT MONTH: UTILISING MACHINE LEARNING TO DETECT HYPERTENSION AND ANALYSE ASSOCIATED RISK FACTORS

M. Harada ⁽¹⁾, J. Nolde ⁽²⁾, G. Kerr ⁽¹⁾, N. Poulter ⁽¹⁾, T. Beaney ⁽¹⁾
⁽¹⁾ London (UNITED KINGDOM), ⁽²⁾ Freiburg (GERMANY)



SATURDAY, MAY 24, 2025

08:30-09:30

Aqua 1

Clinical Cases Session

Chairs: F. Luft (Berlin, GERMANY),
T. Socrates (Basel-Schweiz, SWITZERLAND)

08:30-09:00 Electrical storm associated with hypertensive crisis as a clinical manifestation of pheocromocytoma

C.-G. Grigoroaea (Târgu Mures, ROMANIA),
T. Benedek (Târgu Mures, ROMANIA)

09:00-09:30 An unusual case of high renin hypertension. Take it with less than a grain of salt

V. Rapoport (Ashdod, ISRAEL), A. Leiba (Ashdod, ISRAEL)

08:30-09:45

Aqua 2

Oral Session

CHILDREN AND ADOLESCENTS

Chairs: B. Jelakovic (Zagreb, CROATIA),
S. Stabouli (Thessaloniki, GREECE)

08:30-08:40 MICROCIRCULATORY ALTERATIONS IN FONTAN CIRCULATION: LOAD ON VASCULAR ENDOTHELIAL GLYCOALYX

M. Shiraishi, G. Izumi, H. Yamazawa, A. Takeda, N. Kato,
H. Kato, T. Toki, Y. Itosu, H. Saito, Y. Morimoto
Sapporo (JAPAN)

08:40-08:50 CHILDHOOD HYPERTENSION, TRANSITION TO NORMOTENSION IN ADULTHOOD, AND SUBCLINICAL CARDIOVASCULAR OUTCOMES IN ADULTS: A 36-YEAR PROSPECTIVE COHORT STUDY

Y. Wang ⁽¹⁾, M.-K. Chang ⁽¹⁾, H. Jia ⁽¹⁾, M.F. Du ⁽¹⁾, Y. Sun ⁽¹⁾,
D. Wang ⁽¹⁾, G.L. Hu ⁽¹⁾, Z.Y. Man ⁽¹⁾, C. Chu ⁽¹⁾, X.W. Zheng ⁽²⁾,
J.J. Mu ⁽¹⁾
⁽¹⁾ Xi An, ⁽²⁾ Wuxi (CHINA)

08:50-09:00 BLOOD PRESSURE TRAJECTORY FROM BIRTH TO PRESCHOOL AND SCHOOL-AGE: 4 EVIDENCE FROM ENVIRONAGE BIRTH COHORT

Y. Yu ⁽¹⁾, E. Renaers ⁽²⁾, H. Sleurs ⁽²⁾, M. Plusquin ⁽²⁾, R. Alfano ⁽²⁾,
D. Martens ⁽²⁾, D.Y. Zhang ⁽¹⁾, D.W. An ⁽¹⁾, A. Raaijmakers ⁽¹⁾,
K. Allegaert ⁽¹⁾, P. Verhamme ⁽¹⁾, J. Staessen ^(1,3), T. Nawrot ^(1,2)
⁽¹⁾ Leuven, ⁽²⁾ Diepenbeek, ⁽³⁾ Mechelen (BELGIUM)



SATURDAY, MAY 24, 2025

09:00-09:10 **CHILDHOOD RISK SCORE FOR PREDICTING HYPERTENSION IN ADULTHOOD: THE CARDIOVASCULAR RISK IN YOUNG FINNS STUDY**

T. Niiranen, J. Johansson, J. Mykkänen, O. Raitakari, M. Juonala, K. Suvila
Turku (FINLAND)

09:10-09:20 **ASSOCIATION OF LONG-TERM TIME IN TARGET RANGE FOR SYSTOLIC BLOOD PRESSURE SINCE CHILDHOOD WITH ARTERIAL STIFFNESS IN MIDLIFE: A 36-YEAR PROSPECTIVE COHORT STUDY**

Y. Wang⁽¹⁾, H. Qi⁽²⁾, H. Jia⁽¹⁾, D. Wang⁽¹⁾, Y. Sun⁽¹⁾, M.F. Du⁽¹⁾, G.L. Hu⁽¹⁾, Z.Y. Man⁽¹⁾, C. Chu⁽¹⁾, J. Chang⁽³⁾, C. Delles⁽⁴⁾, L. Zhang⁽²⁾, J.J. Mu⁽¹⁾
⁽¹⁾ Xian, ⁽²⁾ Beijing (CHINA), ⁽³⁾ New Haven (USA), ⁽⁴⁾ Glasgow (UNITED KINGDOM)

09:20-09:30 **ACCURACY OF VALIDATED BP MONITORS FOR OUT OF OFFICE MEASUREMENT IN CHILDREN AND ADOLESCENTS: A SYSTEMATIC REVIEW**

K. Evripidou⁽¹⁾, A. Chainoglou⁽¹⁾, C. Antza⁽¹⁾, G. Goulas⁽¹⁾, C. Simão⁽²⁾, G. Hamdani⁽³⁾, J. Calpe⁽⁴⁾, S. Stabouli⁽¹⁾, H. Working Group I (WGI)
⁽¹⁾ Thessaloniki (GREECE), ⁽²⁾ Lisbon (PORTUGAL), ⁽³⁾ Petah Tikva (ISRAEL), ⁽⁴⁾ Valencia (SPAIN)

09:30-09:45 **MINI-LECTURE**
Blood Pressure values in healthy normal weight children and adolescents in eight European countries: data from the HyperChildNET European project
E. Lurbe (Valencia, SPAIN)

08:30-09:30

Aria I

Joint Session ESH-EFIM

CHRONIC DISEASES AS UNDERESTIMATED CAUSE OF HYPERTENSION AND CARDIOVASCULAR COMPLICATIONS

Chairs: M. Doumas (Thessaloniki, GREECE), F. Pietrantonio (Rome, ITALY)

08:30-08:42 Acute intermittent porphyria
A. Januszewicz (Warsaw, POLAND)

08:42-08:54 Fabry disease

08:54-09:06 Parkinsons disease
C. Tsioufis (Athens, GREECE)

09:06-09:18 Polycythaemia vera
F. Messerli (Bern, SWITZERLAND)

09:18-09:30 General Discussion



SATURDAY, MAY 24, 2025

08:30-09:45

Aria 2

Oral Session

PHARMACOTHERAPY

Chairs: A.H.J. Danser (Rotterdam, THE NETHERLANDS),
S. Taddei (Pisa, ITALY)

- 08:30-08:40 PATIENTS WITH UNCONTROLLED BP, DESPITE THREE OR MORE CLASSES OF ANTI-HYPERTENSIVE DRUGS HAVE MARKEDLY UNDERESTIMATED CARDIOVASCULAR RISK: A SUBANALYSIS OF THE SNAPSHOT EUROPE STUDY**
M. Camafort⁽¹⁾, A. Dzudie⁽²⁾, B. Ivanovic⁽³⁾, R. Kreutz⁽⁴⁾, J. Magne⁽⁵⁾, J.M. Mostaza Prieto⁽⁶⁾, I. Pecin⁽⁷⁾, A. Postadzhiyan⁽⁸⁾, T. Shaburishvili⁽⁹⁾, D. Vinereanu⁽¹⁰⁾
⁽¹⁾ Barcelona (SPAIN), ⁽²⁾ Douala (CAMEROON), ⁽³⁾ Belgrade (SERBIA), ⁽⁴⁾ Berlin (GERMANY), ⁽⁵⁾ Limoges (FRANCE), ⁽⁶⁾ Madrid (SPAIN), ⁽⁷⁾ Zagreb (CROATIA), ⁽⁸⁾ Sofia (BULGARIA), ⁽⁹⁾ Tbilisi (GEORGIA), ⁽¹⁰⁾ Bucharest (ROMANIA)
- 08:40-08:50 PERSISTENT BENEFICIAL EFFECTS OF ANGIOTENSINOGEN SMALL INTERFERING RNA (siRNA) AND VALSARTAN IN SPONTANEOUSLY HYPERTENSIVE RATS AFTER DRUG REMOVAL**
E.O. Cruz López⁽¹⁾, D. Ye⁽¹⁾, R. van Veghel⁽¹⁾, I.M. Garrelds⁽¹⁾, A. Kasper⁽²⁾, K. Wassarman⁽²⁾, H.C. Tu⁽²⁾, I. Zlatev⁽²⁾, A.H.J. Danser⁽¹⁾
⁽¹⁾ Rotterdam (THE NETHERLANDS), ⁽²⁾ Cambridge, MA (USA)
- 08:50-09:00 EFFECT OF GLUCAGON-LIKE PEPTIDE-I RECEPTOR AGONISTS ON BLOOD PRESSURE: A SYSTEMATIC REVIEW AND META-ANALYSIS**
C. Mancusi, C. Basile, C. De Luca, C. Morisco, G. Esposito
Naples (ITALY)

09:00-09:15

MINI-LECTURE

Therapeutic Drug Monitoring: a role in Hypertension treatment?

L. Halvorsen (Oslo, NORWAY)

09:15-09:25

WITHDRAWN

TARGETING CO-STIMULATION PATHWAYS: REPURPOSING CD80/86-CD28 BLOCKADE TO COMBAT CARDIAC HYPERTROPHY

V. Prajapati, V.K. Verma, P. Bhardwaj, J. Bhatia, D.S. Arya
New Delhi (INDIA)

09:25-09:35

EFFECTIVENESS & TOLERABILITY OF METOPROLOL ER, TELMISARTAN & CHLORTHALIDONE FDC IN PATIENTS OF ESSENTIAL HYPERTENSION WITH STABLE CAD IN INDIA: REAL WORLD RETROSPECTIVE STUDY

P. Ahire⁽¹⁾, M. Vijaykaumar⁽²⁾, A. Pande⁽³⁾, R. Kumari⁽⁴⁾, S. Dutta⁽³⁾, S. Reddy⁽²⁾, V. Chile⁽⁵⁾, S. Dharmadhikari⁽¹⁾, V. Kudrigikar⁽¹⁾, P. Bharathi⁽¹⁾, C. Khandhedia⁽¹⁾, N. Markandeywar⁽¹⁾, A. Mane⁽¹⁾, S. Mehta⁽¹⁾, S. Joglekar⁽¹⁾, M. Study Group⁽¹⁾
⁽¹⁾ Mumbai, ⁽²⁾ Chennai, ⁽³⁾ Kolkata, ⁽⁴⁾ Hyderabad, ⁽⁵⁾ Thane (INDIA)

09:35-09:45

WITHDRAWN

GLP-1RA, SGLT2i AND RAASi COMBINATION THERAPY REDUCES MORTALITY AND KIDNEY EVENTS IN PATIENTS WITH TYPE 2 DIABETES MELLITUS

J. Casper, J. Doricic, K. Schmidt-Ott, B. Schmidt
Hannover (GERMANY)



SATURDAY, MAY 24, 2025

10:00-11:00

Ocean 2

Oral Session ADHERENCE

Chairs: A. De La Sierra (Terrassa, SPAIN), J. Polonia (Porto, PORTUGAL)

10:00-10:10 CHARACTERISTICS OF ADHERENT AND NON-ADHERENT PATIENTS WITH HYPERTENSION IN A NORWEGIAN CROSS-SECTIONAL STUDY
E. Olsen⁽¹⁾, L. Halvorsen⁽²⁾, S. Rognstad⁽²⁾, A. Aune⁽³⁾, K.M. Brobak⁽⁴⁾, O.U. Bergland⁽²⁾, K. Liestøl⁽²⁾, M. Solbu⁽⁴⁾, R. Mo⁽¹⁾, E. Gerdtts^(5,6), M. Rostrup⁽²⁾, S.E. Kjeldsen⁽²⁾, A. Høieggen⁽²⁾, M.S. Oppdal⁽²⁾, A.C. Larstorp⁽²⁾, C. Søråas⁽²⁾
⁽¹⁾ Trondheim, ⁽²⁾ Oslo, ⁽³⁾ Bergen ⁽⁴⁾ Tromsø (NORWAY)

10:10-10:20 VERY HIGH CLINICAL INERTIA IN PRESCRIBING LIPID-LOWERING THERAPY IN CHRONIC KIDNEY DISEASE PATIENTS REGARDLESS OF HYPERTENSIVE STATUS - CROATIA - EHUH-2 STUDY
L. Prgomet⁽¹⁾, Z. Begic⁽¹⁾, A. Soldo⁽¹⁾, O. Velkovski Skopic^(1,2), M. Marinovic Glavic^(1,3), J. Josipovic⁽¹⁾, A. Jelakovic^(1,3), V. Bralic Lang⁽¹⁾, L. Gellineo⁽¹⁾, M. Domislovic⁽¹⁾, T. Vrkic⁽¹⁾, K. Barisic⁽¹⁾, M. Zivko⁽¹⁾, A. Belancic^(1,3), D. Radunovic^(1,4), V. Prelevic^(1,4), N. Basic Jukic⁽¹⁾, Z. Reiner⁽¹⁾, I. Pecin⁽¹⁾, B. Jelakovic⁽¹⁾
⁽¹⁾ Zagreb, ⁽²⁾ Velika Gorica ⁽³⁾ Rijeka (CROATIA), ⁽⁴⁾ Podgorica (MONTENEGRO)

10:20-10:30 MONITORING ADHERENCE TO ANTIHYPERTENSIVE THERAPY BY HAIR ANALYSIS: A PILOT STUDY
M.L. Muiesan⁽¹⁾, P. Minuz⁽²⁾, S. Tenore⁽¹⁾, C. Fava⁽²⁾, F. Russomanno⁽¹⁾, C. Agabiti Rosei⁽¹⁾, C. De Ciuceis⁽¹⁾, S. Bonafini⁽²⁾, R. Gottardo⁽²⁾, F. Bortolotti⁽²⁾, F. Tagliaro⁽²⁾
⁽¹⁾ Brescia, ⁽²⁾ Verona (ITALY)

10:30-10:40 INSIGHTS FROM PHARMACISTS IN THE UNITED KINGDOM ON THE MANAGEMENT OF ADHERENCE IN HYPERTENSION

H. Osman, S. Jenkins, K. Khunti, S. Seidu, P. Gupta
⁽¹⁾ Leicester (UNITED KINGDOM)

10:40-10:50 URBAN/RURAL DIFFERENCES IN ADHERENCE TO LIFESTYLE MODIFICATION AMONG UNCONTROLLED HYPERTENSIVE PATIENTS: EHUH 2 STUDY

H. Polanscak⁽¹⁾, A. Stupin^(1,2), A. Jelakovic^(1,3), A. Belancic^(1,3), M. Mustedanagic⁽¹⁾, K. Paponja⁽¹⁾, M. Boljesic Dumancic^(1,2), P. Susnjara^(1,2), V. Vidranski⁽¹⁾, M. Bilobrk^(1,3), J. Josipovic⁽¹⁾, A.M. Andelic⁽¹⁾, M. Banadinovic⁽¹⁾, A. Dzakula⁽¹⁾, N. Bukal^(1,5), D. Kuna^(1,2), I. Stimac^(1,3), M. Baric⁽¹⁾, I. Pecin⁽¹⁾, B. Jelakovic⁽¹⁾
⁽¹⁾ Zagreb, ⁽²⁾ Osijek, ⁽³⁾ Rijeka, ⁽⁴⁾ Osijek, ⁽⁵⁾ Slavonski Brod (CROATIA)

10:50-11:00 THERAPEUTIC INERTIA IN PATIENTS WITH HIGH OR VERY HIGH CARDIOVASCULAR RISK IN SPAIN. PRELIMINARY RESULTS OF THE OBJETIVO EN EL PUNTO DE MIRA (OPM) STUDY

J. Abellán-Alemán⁽¹⁾, J. Nieto⁽²⁾, G. Antón⁽³⁾, M. Sánchez-Macarro⁽¹⁾, E. Márquez⁽⁴⁾, P.J. Tárraga⁽⁵⁾, D. Escribano⁽⁶⁾, G. Jiménez-Portillo⁽⁷⁾, F. Martínez⁽⁸⁾, I. Hervella⁽⁹⁾, R. Crespo⁽²⁾, P. Segura⁽²⁾, P. Sánchez-Rubio⁽²⁾, F. García-Romanos⁽¹⁾, D. Sáez⁽¹⁾, Á. Velasco⁽¹⁾, A. Díaz-Vera⁽¹⁰⁾, O.b.o.t. OPM investigators⁽²⁾, A. Societies of HTN and VR⁽¹⁾
⁽¹⁾ Murcia, ⁽²⁾ Ciudad Real, ⁽³⁾ Las Palmas de Gran Canaria, ⁽⁴⁾ Huelva, ⁽⁵⁾ Albacete, ⁽⁶⁾ Zaragoza, ⁽⁷⁾ Almería, ⁽⁸⁾ Valencia, ⁽⁹⁾ Alicante, ⁽¹⁰⁾ Pamplona (SPAIN)



SATURDAY, MAY 24, 2025

10:00-10:45

Sky

Mini-Symposium Supported by Servier

CRACKING THE CODE OF RESISTANT HYPERTENSION: FROM CHALLENGES TO SOLUTIONS

Chairs: R. Kreutz (Berlin, GERMANY), S. Taddei (Pisa, ITALY)

10:00-10:04 Introduction

S. Taddei (Pisa, ITALY)

10:04-10:16 Unmasking resistant hypertension: diagnosing the elusive enemy

K. Narkiewicz (Gdansk, POLAND)

10:16-10:28 β -Blockers: Still a key player in the resistant hypertension playbook?

S. Masi (Pisa, ITALY)

10:28-10:40 Power of the pill: single-pill combinations as the game changer in hypertension

A. Pathak (Luxembourg, LUXEMBOURG)

10:40-10:45 Conclusion

R. Kreutz (Berlin, GERMANY)

10:40-10:45 General Discussion

10:00-11:00

Aqua I

Oral Session

LATE BREAKERS I

Chairs: J. Widimsky Jr (Prague, CZECH REPUBLIC),
P. De Leeuw (Maastricht, THE NETHERLANDS)

10:00-10:10 SODIUM INTAKE MODULATES RETINAL MICROCIRCULATION IN HEALTHY INDIVIDUALS BUT NOT IN CKD AND DKD

R. van Duin, C. Amankur, J.J. Oppelaar, B.J. van den Born, R.H. Olde Engberink, R. Schlingemann, L. Vogt
Amsterdam (THE NETHERLANDS)

10:10-10:20 UPTAKE AND RESULTS OF THE NATIONAL HEALTH SERVICE ENGLAND COMMUNITY PHARMACY HYPERTENSION CASE-FINDING SERVICE

R. Tsuyuki⁽¹⁾, Y. Osasu⁽²⁾, S. Liu⁽¹⁾, J. Tong⁽²⁾
⁽¹⁾ Edmonton (CANADA), ⁽²⁾ Sheffield (UNITED KINGDOM)

10:20-10:30 COMPARISON OF THREE DUAL THERAPIES FOR LOWERING BLOOD PRESSURE: A MULTI-COUNTRY RANDOMIZED CLINICAL TRIAL

A.E. Schutte⁽¹⁾, A. Salam⁽²⁾, W.C. Cushman⁽³⁾, H.A. De Silva⁽⁴⁾, G.L. Di Tanna⁽⁵⁾, D. Grobbee⁽⁶⁾, K. Narkiewicz⁽⁷⁾, D. Ojji⁽⁸⁾, N.R. Poulter⁽⁹⁾, M.P. Schlaich⁽¹⁰⁾, S. Oparil⁽¹⁾, W. Spiering⁽¹⁾, B. Williams⁽¹⁾, J.T. Wright Jr⁽¹⁾, P. Lakshman⁽¹⁾, W. Ulawattage⁽¹⁾, P. Hay⁽¹⁾, a.8.a. here⁽¹⁾, P. Whelton⁽¹⁾, A. Rodgers⁽¹⁾
⁽¹⁾ Sydney (AUSTRALIA), ⁽²⁾ Hyderabad (INDIA), ⁽³⁾ Tennessee (USA), ⁽⁴⁾ Kelaniya (SRI LANKA), ⁽⁵⁾ Manno (SWITZERLAND), ⁽⁶⁾ Utrecht (THE NETHERLANDS), ⁽⁷⁾ Gdansk (POLAND), ⁽⁸⁾ Abuja (NIGERIA), ⁽⁹⁾ London (UNITED KINGDOM), ⁽¹⁰⁾ Perth (AUSTRALIA)



SATURDAY, MAY 24, 2025

- 10:30-10:40 **PHASE 3 EFFICACY AND SAFETY STUDY OF A NOVEL ALDOSTERONE SYNTHASE INHIBITOR IN PATIENTS WITH UNCONTROLLED AND TREATMENT-RESISTANT HYPERTENSION: LAUNCH-HTN STUDY**
M. Saxena, o.b.o. Launch-HTN Investigators
London (UNITED KINGDOM)
- 10:40-10:50 **EXERCISE INTERVENTION TO NORMALIZE BLOOD PRESSURE AND NOCTURNAL DIPPING IN HYPERTENSIVE PATIENTS: A RANDOMIZED CONTROLLED TRIAL**
S.N. NG⁽¹⁾, *S. Wang*⁽¹⁾, *E.K. Lee*⁽¹⁾, *D. Zhang*⁽¹⁾, *B.H. Yip*⁽¹⁾, *J. Cheng*⁽¹⁾, *S.S. Hui*⁽¹⁾, *E.Y.T. Yu*⁽¹⁾, *M. Leung*⁽¹⁾, *W.C.W. Chu*⁽¹⁾, *A.S. Mihailidou*⁽²⁾, *S.Y. Wong*⁽¹⁾
⁽¹⁾ *Hong Kong (HONG KONG)*, ⁽²⁾ *Sydney (AUSTRALIA)*
- 10:50-11:00 **GENOME WIDE ANALYSIS OF GENE-BY-SALT INTERACTIONS IDENTIFIES NOVEL LOCI ASSOCIATED WITH BLOOD PRESSURE TRAITS**
J. Murray, *R. Marsman*, *B. Ferwerda*, *L. Vogt*
Amsterdam (THE NETHERLANDS)

10:00-11:15

Aqua 2

Oral Session KIDNEY

Chairs: *M. Cozzolino (Milan, ITALY)*, *A. Morganti (Milan, ITALY)*

- 10:00-10:10 **THE EFFECT OF LOW DIALYSATE SODIUM CONCENTRATION ON AMBULATORY AORTIC BP AND ARTERIAL STIFFNESS IN PATIENTS WITH INTRADIALYTIC HYPERTENSION: A RANDOMIZED CROSSOVER STUDY**
F. Iatridi⁽¹⁾, *M. Theodorakopoulou*⁽¹⁾, *R. Ekart*⁽²⁾, *A.G. Karagiannis*⁽¹⁾, *K. Malandris*⁽¹⁾, *A. Georgiou*⁽¹⁾, *E. Xagas*⁽³⁾, *I. Revela*⁽⁴⁾, *I. Tsouchnikas*⁽¹⁾, *P. Giamialis*⁽¹⁾, *P. Sarafidis*⁽¹⁾
⁽¹⁾ *Thessaloniki (GREECE)*, ⁽²⁾ *Maribor (SLOVENIA)*, ⁽³⁾ *Athens (GREECE)*
- 10:10-10:20 **THE AGE-DEFINED CKD AND PREDICTION OF ALL-CAUSE MORTALITY AND CARDIOVASCULAR OUTCOMES IN A RURAL POPULATION: A LONGITUDINAL FOLLOW-UP ENAH STUDY**
M. Domislovic⁽¹⁾, *V. Domislovic*⁽¹⁾, *D. Radunovic*⁽²⁾, *J. Josipovic*⁽¹⁾, *A. Jelakovic*^(1,3), *V. Prelevic*⁽²⁾, *J. Kos*⁽¹⁾, *M. Zivko*⁽¹⁾, *M. Abramovic Baric*⁽⁴⁾, *V. Matijevic*⁽⁴⁾, *I. Brzic*⁽⁴⁾, *N. Bukal*⁽⁵⁾, *M. Banadinovic*⁽¹⁾, *A. Dzakula*⁽¹⁾, *B. Jelakovic*⁽¹⁾
⁽¹⁾ *Zagreb (CROATIA)*, ⁽²⁾ *Podgorica (MONTENEGRO)*, ⁽³⁾ *Rijeka*, ⁽⁴⁾ *Bebrina*, ⁽⁵⁾ *Slavonski Brod (CROATIA)*



SATURDAY, MAY 24, 2025

10:20-10:30 EFFECTS OF ACHIEVED LOWER BLOOD PRESSURE ON THE INCIDENCE OF END-STAGE KIDNEY DISEASE: THE VALUE TRIAL

E. Olsen⁽¹⁾, K. Jamerson⁽²⁾, R.E. Schmieder⁽³⁾, C.L. Söraas⁽⁴⁾, J.E. Mariampillai⁽⁴⁾, G. Mancia⁽⁵⁾, S.E. Kjeldsen^(2, 3, 4), S. Heimark⁽⁴⁾, M.H. Mehlum⁽⁴⁾, K. Liestöl⁽⁴⁾, A.C.K. Larstorp⁽⁴⁾, L.V. Halvorsen⁽⁴⁾, A. Höiegggen⁽⁴⁾, M. Burnier⁽⁶⁾, M. Rostrup⁽⁴⁾, M.A. Weber⁽⁷⁾
⁽¹⁾ Trondheim (NORWAY), ⁽²⁾ Ann Arbor, MI (USA), ⁽³⁾ Erlangen (GERMANY), ⁽⁴⁾ Oslo (NORWAY), ⁽⁵⁾ Milan (ITALY), ⁽⁶⁾ Lausanne (SWITZERLAND), ⁽⁷⁾ New York, NY (USA)

10:30-10:40 PROGNOSTIC SIGNIFICANCE OF VISIT-TO-VISIT ULTRAFILTRATION VOLUME VARIABILITY IN HEMODIALYSIS PATIENTS

B.S. Csiky⁽¹⁾, B. Sagi⁽¹⁾, T. Vass⁽¹⁾, E. Fejes⁽²⁾
⁽¹⁾ Pécs, ⁽²⁾ Komló (HUNGARY)

10:40-10:50 EVALUATION OF RACE-FREE EGFR EQUATIONS IN INDIVIDUALS OF DIFFERENT ETHNICITY

D. An, G. Mokwatsi⁽⁶⁾, D.Y. Zhang^(1, 2, 3), D. Martens⁽⁴⁾, Y.L. Yu^(2, 3), B. Chori^(4, 5), A. Odili⁽⁵⁾, R. Kruger⁽⁶⁾, L. Gafane-Mateman⁽⁶⁾, J. Siwy⁽⁷⁾, A. Latosinska⁽⁷⁾, H. Mischak⁽⁷⁾, C. Mels⁽⁶⁾, A. Schutte^(6, 8), J.R. M Buyamba-Kabangu⁽⁹⁾, T. Nawrot^(3, 4), Y. Li, J. Staessen^(1, 2, 3)
⁽¹⁾ Shanghai (CHINA), ⁽²⁾ Mechelen, ⁽³⁾ Leuven, ⁽⁴⁾ Diepenbeek (BELGIUM), ⁽⁵⁾ Gwagwalada (NIGERIA), ⁽⁶⁾ Potchefstroom (SOUTH AFRICA), ⁽⁷⁾ Hannover (GERMANY), ⁽⁸⁾ Sydney (AUSTRALIA), ⁽⁹⁾ Kinshasa (DEMOCRATIC REPUBLIC OF THE CONGO, CONGO (KINSHASA))

10:50-11:00 NATRIURETIC RESPONSE TO AN ACUTE ORAL POTASSIUM LOAD IN HEALTHY INDIVIDUALS AND PATIENTS WITH CHRONIC KIDNEY DISEASE

R. Wouda⁽¹⁾, M. Karsten⁽¹⁾, E. Michels⁽¹⁾, I. Garrelds⁽²⁾, J. Danser⁽²⁾, M. de Borst⁽³⁾, E. Hoorn⁽²⁾, J. Rotmans⁽⁴⁾, L. Vogt⁽¹⁾
⁽¹⁾ Amsterdam, ⁽²⁾ Rotterdam, ⁽³⁾ Groningen, ⁽⁴⁾ Leiden (THE NETHERLANDS)

**11:00-11:15 MINI-LECTURE
The autonomic system, inflammation and cardio-renal disorders**
C. Zoccali (Reggio Calabria, ITALY)



SATURDAY, MAY 24, 2025

10:00-11:15

Aria I

Oral Session HEART

Chairs: M. Dorobantu (Bucharest, ROMANIA),
M.L. Muiesan (Brescia, ITALY)

- 10:00-10:15 **MINI-LECTURE**
Heart rate changes and treatment benefits
E. Sanidas (Athens, GREECE)
- 10:15-10:25 **LEFT VENTRICULAR GLOBAL LONGITUDINAL STRAIN IDENTIFIES EARLY IMPAIRMENT IN MYOCARDIAL BLOOD FLOW IN ARTERIAL HYPERTENSION**
M.L. Muiesan, C. Agabiti Rosei, C. Polizzotto, F. Bertacchini, G. Muzi, S. Bressa, F. Cherubini, S. Capellini, D. Stassaldi, M. Lemoli, C. Rossini, M. Bertolo, E. Cerudelli, C. De Ciuceis, E. Agabiti Rosei, F. Bertagna
Brescia (ITALY)
- 10:25-10:35 **DETERMINATION OF NT-PROBNP LEVELS TO DEFINE HEART OVERLOAD/FAILURE AND THE EFFECT OF TRIPLE-INHALED THERAPY IN OLDER HYPERTENSIVE COPD POPULATION: A MULTICENTER LONGITUDINAL STUDY**
R. Sarzani ⁽¹⁾, G. Laureti ⁽¹⁾, F. Spannella ⁽¹⁾, P.V. Mari ⁽²⁾, A. Coppola ⁽²⁾, F. Giulietti ⁽¹⁾, A. Gezzi ⁽¹⁾, P. Giordano ⁽¹⁾, R. Galeazzi ⁽¹⁾, E. Kamberi ⁽¹⁾, A. Stronati ⁽³⁾, A. Resedi ⁽⁴⁾, Y. Rosati ⁽¹⁾, M. Landolfo ⁽¹⁾
⁽¹⁾ Ancona, ⁽²⁾ Rome, ⁽³⁾ Loreto, ⁽⁴⁾ Jesi (ITALY)

- 10:35-10:45 **CARDIAC MAGNETIC RESONANCE CHARACTERISTICS AND PROGNOSTIC ASSOCIATIONS OF HYPERTENSION-MEDIATED LEFT VENTRICULAR HYPERTROPHY**
H. Naderi ⁽¹⁾, S. van Duijvenboden ⁽²⁾, J. Ramírez ⁽³⁾, S. Chadalavada ⁽¹⁾, E. Rauseo ⁽¹⁾, N. Aung ⁽¹⁾, S.E. Petersen ⁽¹⁾, P.B. Munroe ⁽¹⁾
⁽¹⁾ London, ⁽²⁾ Oxford (UNITED KINGDOM), ⁽³⁾ Zaragoza (SPAIN)
- 10:45-10:55 **HYPERTENSION INDUCES ENERGETIC DERANGEMENTS AND EXAGGERATES HYPERTROPHIC REMODELING IN FABRY HEART**
J. Gambardella ⁽¹⁾, L. Spinelli ⁽¹⁾, A. Fiordelisi ⁽¹⁾, F. Cerasuolo ⁽¹⁾, C. Borghi ⁽²⁾, A. Virdis ⁽³⁾, M.L. Muiesan ⁽⁴⁾, E. Biagini ⁽²⁾, F. Graziani ⁽⁵⁾, E. Riccio ⁽¹⁾, A. Buonaiuto ⁽¹⁾, R. Avvisato ⁽¹⁾, A. Pisani ⁽¹⁾, D. Sorriento ⁽¹⁾, G. Iaccarino ⁽¹⁾
⁽¹⁾ Naples, ⁽²⁾ Bologna, ⁽³⁾ Pisa, ⁽⁴⁾ Brescia, ⁽⁵⁾ Rome (ITALY)
- 10:55-11:05 **SEX-SPECIFIC PATHOPHYSIOLOGICAL CORRELATES OF A HYPERTENSIVE RESPONSE TO EXERCISE IN PATIENTS AT RISK OF HEART FAILURE**
N. De Biase, L. Del Punta, H. Dalpiaz, S. Piludu, L. Giusti, A. Pinna, S. Armenia, N.r. Pugliese, S. Buralli, A. Bacca, S. Taddei, S. Masi
Pisa (ITALY)
- 11:05-11:15 **ASSOCIATION OF EPICARDIAL ADIPOSE TISSUE WITH LEFT ATRIAL FUNCTION IN HYPERTENSIVE OVERWEIGHT AND OBESE PATIENTS**
Y. Liu, X. Zhao, T. Fu, Y. Pan, S. Yin, Q. Sun, Y. Jiang
Dalian (CHINA)



SATURDAY, MAY 24, 2025

10:00-11:00

Aria 2

Mini-Symposium Supported by Medtronic HYPERTENSION CARE, REIMAGINED: THE SYMPPLICITY BLOOD PRESSURE PROCEDURE

Chair: C. Tsioufis (Athens, GREECE)

- 10:00-10:05 Introduction to renal denervation**
C. Tsioufis (Athens, GREECE)
- 10:05-10:13 New guidelines for tackling uncontrolled and resistant hypertension**
R.M. Bruno (Paris, FRANCE)
- 10:13-10:23 Renal denervation for cardiovascular risk reduction**
M. Schlaich (Perth, AUSTRALIA)
- 10:23-10:33 Interactive discussion**
- 10:33-10:45 Beyond medications: integrating renal denervation**
B. Williams (UNITED KINGDOM)
- 10:45-10:57 Navigating the renal denervation referral process**
A.V. Bacca (Pisa, ITALY)
- 10:57-11:00 Conclusion**
C. Tsioufis (Athens, GREECE)

11:30-12:45

Sky

Oral Session CLINICAL STUDIES I

Chairs: J.-M. Halimi (Tours, FRANCE), V. Ram (Dallas-Texas, USA)

- 11:30-11:40 RESERVOIR-EXCESS PRESSURE PARAMETERS PREDICTS MAJOR ADVERSE CARDIOVASCULAR EVENTS IN MULTI-ETHNIC COHORT LIVING IN UK: RESULTS FROM THE SABRE STUDY**
K. Aizawa⁽¹⁾, C.M. Park⁽²⁾, T. Tillin⁽²⁾, S. Jones⁽²⁾, J. Mayet⁽²⁾, A.C. Shore⁽¹⁾, N. Chaturvedi⁽²⁾, A.D. Hughes⁽²⁾
⁽¹⁾ Exeter, ⁽²⁾ London (UNITED KINGDOM)
- 11:40-11:50 RELIABLE ENDOTHELIN MEASUREMENTS ENABLING DIAGNOSTIC FINGERPRINTING (ENDOPRINT)**
W.D. Hauer-Lienhart, D. van Oyen, B. Moneva, O. Domenig
Vienna (AUSTRIA)
- 11:50-12:00 UNRAVELING CELL-CELL COMMUNICATION IN FIBROMUSCULAR DYSPLASIA: INSIGHTS FROM SINGLE-CELL RNA SEQUENCING IN UBR4 KNOCKOUT MICE**
G. Tussardi⁽¹⁾, B. Di Camillo⁽¹⁾, M.S. Stoenoiu⁽²⁾, R. Pascarella⁽³⁾, M. Zedde⁽³⁾, A. Persu⁽²⁾
⁽¹⁾ Padua (ITALY), ⁽²⁾ Brussels (BELGIUM), ⁽³⁾ Reggio Emilia (ITALY)



SATURDAY, MAY 24, 2025

12:00-12:10 **COMPARING PREDICTIVE POWER OF DEATH BY AMBULATORY PULSE PRESSURE AND ITS COMPONENTS FOR 24 HOURS, DAYTIME AND NIGHTTIME IN PATIENTS AGED OVER 60 YEARS**

B. Gavish ⁽¹⁾, A. de la Sierra ⁽²⁾, M. Bursztyrn ⁽³⁾, L. Ruilope ⁽⁴⁾, B. Williams ⁽⁵⁾

⁽¹⁾ Jerusalem (ISRAEL), ⁽²⁾ Terrassa (SPAIN), ⁽³⁾ Jerusalem (ISRAEL), ⁽⁴⁾ Madrid (SPAIN), ⁽⁵⁾ London (UNITED KINGDOM)

12:10-12:20 **MENAQUINONE-7 SLOWS DOWN PROGRESSION OF CORONARY ARTERY CALCIFICATION. A RANDOMIZED, PLACEBO-CONTROLLED TRIAL**

L. Vossen, P. de Leeuw, L. Schurgers, S. Heuts, C. de Haan, B. van Varik, A. Kroon
Maastricht (THE NETHERLANDS)

12:20-12:30 **ORTHOSTATIC BLOOD PRESSURE PHENOTYPES IN OLDER ADULTS WITH HYPERTENSION AND THEIR ASSOCIATION WITH CLINICAL FRAILTY**

E. C. de Araujo Filho, F. Yue Cesena, S. Tucci de Biaso, M. Martins Pinto de Faria, C. Yukari Yoshioka, M. Salomão Cury Pires, B. Noschang Blaas, R. Muylaert Carvalho Britto, M. Gonçalves Sousa, F.M. Consolim-Colom, J. Batista Souza, O. Passarelli Jr, A. Gabriele Laurinavicius
São Paulo (BRAZIL)

12:30-12:45 **MINI-LECTURE**
Sympathetic responses to anti-Hypertensive treatment: a potential cause of the residual risk?
G. Grassi (Milan, ITALY)

11:30-12:30

Aqua I

Mini-Symposium Supported by Menarini Group

THE PERFECT MATCH: BETA-BLOCKERS IN PERSONALIZED HYPERTENSION THERAPY

Chair: R. Kreutz (Berlin, GERMANY)

11:30-11:35 **Introduction**
R. Kreutz (Berlin, GERMANY)

11:35-11:45 **Beta-blockers in the latest guidelines: first-line use in hypertension management**
M. Volpe (Rome, ITALY)

11:45-11:55 **The Beta-blocker perfect match: choosing the right agent for the right patient**
K. Narkiewicz (Gdansk, POLAND)

11:55-12:05 **Single-pill combinations with beta blockers: enhancing hypertension outcomes**
P. Van de Borne (Bruxelles, BELGIUM)

12:05-12:30 **Q&A session and closing remarks**



SATURDAY, MAY 24, 2025

11:30-12:30

Aqua 2

Mini-Symposium Supported by Huawei

WEARABLE WRIST-CUFF BLOOD PRESSURE MONITORS: A NOVEL CLASS OF DEVICES READY FOR CLINICAL USE

Chairs: G.S. Stergiou (Athens, GREECE), J.-G. Wang (Shanghai, CHINA)

11:30-11:45 **The potential of wearable wrist-cuff blood pressure devices for clinical use**
G.S. Stergiou (Athens, GREECE)

11:45-12:00 **The advantage of wearable wrist-cuff devices for 24h ABPM**
J.-G. Wang (Shanghai, CHINA)

12:00-12:15 **Opportunities by wearable wrist-cuff devices for blood pressure in different circumstances**
K. Kario (Shimotsuke, JAPAN)

12:15-12:30 **General Discussion**

11:30-12:45

Aria I

Oral Session EPIDEMIOLOGY

Chairs: M. Bursztyn (Jerusalem, ISRAEL), X.H. Zhang (Shanghai, CHINA)

11:30-11:40 **RISK OF END-STAGE KIDNEY DISEASE, CARDIOVASCULAR EVENTS AND SUICIDE ATTEMPTS IN PATIENTS WITH MIGRAINE TREATED WITH TOPIRAMATE**

J.M. Halimi, V. Maisons, J.-B. De Fremerville, S. Roger, A. Bisson, S. Chadet, L. Fauchier
Tours (FRANCE)

11:40-11:50 **SEX DIFFERENCES IN CARDIOVASCULAR-KIDNEY-METABOLIC SYNDROME AND THEIR FIRST ADVERSE CARDIOVASCULAR OUTCOMES**

L. Liu ⁽¹⁾, A. Cai ⁽²⁾, Y. Cheng ⁽²⁾, B.M.Y. Cheung ⁽¹⁾
⁽¹⁾ Hong Kong, ⁽²⁾ Guangzhou (CHINA)

11:50-12:00 **QUANTIFICATION OF THE HYPERTENSION BURDEN PREVENTED BY ACHIEVING THE NATIONAL AND WHO PREVENTION GOALS**

V. Olié ⁽¹⁾, C. Grave ⁽¹⁾, L. Carcaillon-Bentata ⁽²⁾, C. Bonaldi ⁽¹⁾, J. Blacher ⁽³⁾
⁽¹⁾ Saint-Maurice, ⁽²⁾ Bordeaux, ⁽³⁾ Paris (FRANCE)

12:00-12:15 **MINI-LECTURE**

Hypertension in Oncological patient: an update
J. Versmissen (Rotterdam, THE NETHERLANDS)



SATURDAY, MAY 24, 2025

- 12:15-12:25 **AWARENESS AND PERCEPTION OF HYPERTENSION-RELATED CARDIOVASCULAR RISK IN HYPERTENSIVE ADULTS IN FRANCE**
J. Vay-Demouy ⁽¹⁾, A. Gautier ⁽²⁾, N. Soullier ⁽²⁾, A. Gabet ⁽²⁾, C. Grave ⁽²⁾, J. Blacher ⁽¹⁾, V. Olié ⁽²⁾
⁽¹⁾ Paris, ⁽²⁾ Saint-Maurice (FRANCE)
- 12:25-12:35 **TARGETING BETTER HYPERTENSION CONTROL WITH THE USAGE OF THE ESH SMARTPHONE APPLICATION**
D. Konstantinidis, P. Iliakis, E. Manta, E. Siafi, C. Mihas, F. Tatakis, K. Papadomarkaki, V. Mantziaris, S. Drogkaris, G. Gkompos, A. Sakalidis, P. Tsioufis, A. Kasiakogias, K. Dimitriadis, K. Tsioufis
Athens (GREECE)
- 12:35-12:45 **PHYSICIANS UNDERESTIMATED CARDIOVASCULAR RISK AND OVERESTIMATED CONTROL OF BLOOD PRESSURE IN PATIENTS WITH HYPERTENSION: A SUBANALYSIS OF THE SNAPSHOT STUDY IN EUROPE**
I. Pecin ⁽¹⁾, M. Camafort ⁽²⁾, A. Dzudie ⁽³⁾, B. Ivanovic ⁽⁴⁾, J. Magne ⁽⁵⁾, J.M. Mostaza Prieto ⁽⁶⁾, A. Postadzhian ⁽⁷⁾, T. Shaburishvili ⁽⁸⁾, D. Vinereanu ⁽⁹⁾
⁽¹⁾ Zagreb (CROATIA), ⁽²⁾ Barcelona (SPAIN), ⁽³⁾ Douala (CAMEROON), ⁽⁴⁾ Belgrade (SERBIA), ⁽⁵⁾ Limoges (FRANCE), ⁽⁶⁾ Madrid (SPAIN), ⁽⁷⁾ Sofia (BULGARIA), ⁽⁸⁾ Tbilisi (GEORGIA), ⁽⁹⁾ Bucharest (ROMANIA)

11:30-12:30

Aria 2

Topical Workshop

HYPERTENSION IN WOMEN

Chairs: J. Brguljan (Ljubljana, SLOVENIA),
R. Cifková (Prague, CZECH REPUBLIC)

- 11:30-11:42 **Preeclampsia and risk of cognitive dysfunction**
J.J. Blacher (Paris, FRANCE)
- 11:42-11:54 **Hypertension in women of reproductive age**
R. Cifková (Prague, CZECH REPUBLIC)
- 11:54-12:06 **Hypertension mediated organ damage in women**
J. Brguljan (Ljubljana, SLOVENIA)
- 12:06-12:18 **Metanalysis of women in clinical trials**
A. Mihailidou (Leonards, Sydney, AUSTRALIA)
- 12:18-12:30 **General Discussion**



SATURDAY, MAY 24, 2025

13:00-14:00

Sky

Satellite Symposium Supported by Servier
LET'S TARGET SUCCESS FOR EVERY PATIENT: ACHIEVING BLOOD PRESSURE CONTROL IN HIGH-RISK PATIENTS

Chairs: C. Borghi (Bologna, ITALY), G.S. Stergiou (Athens, GREECE)

- 13:00-13:07 Introduction**
C. Borghi (Bologna, ITALY)
- 13:07-13:22 Fast-track to blood pressure control: from dual to triple single-pill combinations**
J. Wolf (Gdansk, POLAND)
- 13:22-13:37 Initiating dual single-pill combination: best practices in hypertensive patients with comorbidities**
E. Jones (Cape Town-Western Cape, SOUTH AFRICA)
- 13:37-13:52 Triple single-pill combination: a non-negotiable solution for specific hypertension cases**
A.M. Vintila (Bucarest, ROMANIA)
- 13:52-14:00 Conclusion**
G.S. Stergiou (Athens, GREECE)
- 13:52-14:00 Discussion**

14:15-15:15

Sky

Teaching Seminar
TRANSFORMING HYPERTENSION MANAGEMENT THROUGH DIGITAL HEALTH AND ARTIFICIAL INTELLIGENCE

Chairs: A. Heagerty (Manchester, UNITED KINGDOM),
L. Lauder (Basel, GERMANY)

- 14:15-14:30 AI-Driven BP estimation and Hypertension Risk: Where do we stand?**
K. Verdonk (Rotterdam, THE NETHERLANDS)
- 14:30-14:45 Remote Monitoring and Digital Tools in the management of hypertensive population**
G. Parati (Milan, ITALY)
- 14:45-15:00 Digital Intervention to improve Behavioral Changes and Medication Adherence**
M. Marketou (Heraklion-Crete, GREECE)
- 15:00-15:15 General Discussion**



SATURDAY, MAY 24, 2025

14:15-15:15

Aqua 1

Mini-Symposium Supported by Bayer AG
**HYPERTENSION IN THE CONTEXT OF THE CARDIO-KIDNEY-
METABOLIC SYNDROME: ROLE OF NONSTEROIDAL
MINERALOCORTICOID ANTAGONISM**

Chairs: R. Kreutz (Berlin, GERMANY), T. Weber (Wels, AUSTRIA)

14:15-14:17 **Welcome and Introduction**
R. Kreutz (Berlin, GERMANY)

14:17-14:37 **Heart failure**
P. Van de Borne (Bruxelles, BELGIUM)

14:37-14:57 **Chronic Kidney Disease**
P. Sarafidis (Thessaloniki, GREECE)

14:57-15:12 **Q/A**

15:12-15:15 **Summary and Conclusions**
T. Weber (Wels, AUSTRIA)

14:15-15:15

Aqua 2

Mini-Symposium Supported by Boehringer Ingelheim Pharma
**BEYOND HYPERTENSION: IS ALDOSTERONE THE HIDDEN KEY TO
HEART AND KIDNEY HEALTH?**

Chair: M. Metra (Brescia, ITALY)

14:15-14:20 **Welcome and setting the scene**
M. Metra (Brescia, ITALY)

14:20-14:35 **Uncovering aldosterone: The hidden driver of cardio-renal-
metabolic conditions**
M. Azizi (Paris, FRANCE)

14:35-14:50 **Intercepting risk: Diagnosing CKD earlier**
S. Sinha (Manchester, UNITED KINGDOM)

14:50-15:05 **Interconnected care in hypertension today and tomorrow:
Call to action!**
M. Metra (Brescia, ITALY)

15:05-15:15 **Panel discussion and close: Understanding aldosterone's
role in cardio-renal-metabolic conditions**
M. Metra (Brescia, ITALY)



SATURDAY, MAY 24, 2025

14:15-15:15

Aria I

Oral Session

OBESITY

Chairs: J. Jordan (Cologne, GERMANY), M. Volpe (Rome, ITALY)

- 14:15-14:25 WEIGHT-ADJUSTED WAIST INDEX MAY PREDICT HYPERTENSION PLUS HYPERURICEMIA**
M. Huanhuan, Z. Zhou, Z. Yin, X. Li, Y. Zhang, Y. Zhang, J. Zhang
Beijing (CHINA)
- 14:25-14:35 METABOLIC IMPACT OF SOCIAL TRANSITIONS IN CANADA: A PROSPECTIVE STUDY OF AGING WOMEN AND MEN IN THE CANADIAN LONGITUDINAL STUDY ON AGING (2011-2021)**
A.I. Conklin, R. Madani Civi, G. Ceolin, S. Mehranfar, G. Veenstra, N.A. Khan
Vancouver (CANADA)
- 14:35-14:45 PERIVASCULAR ADIPOSE TISSUE DYSFUNCTION IS DRIVEN BY META-INFLAMMATORY CHANGES IN A CARDIOMETABOLIC MODEL CHARACTERIZED BY THE COEXISTENCE OF HYPERTENSION AND OBESITY**
F. Cappelli⁽¹⁾, S. Costantino⁽²⁾, E. Duranti⁽¹⁾, S.A. Mohammed⁽²⁾, E. Gorica⁽²⁾, A. Mongelli⁽²⁾, S. Masi⁽¹⁾, S. Taddei⁽¹⁾, F. Paneni⁽²⁾, A. Mengozzi^(1,2), A. Virdis⁽¹⁾
⁽¹⁾ Pisa (ITALY), ⁽²⁾ Zurich (SWITZERLAND)

14:45-14:55

OBESITY, DIABETES, AND SOCIOECONOMIC STATUS ARE MORE IMPORTANT PREDICTORS FOR UNCONTROLLED HYPERTENSION THAN HIGH SALT INTAKE - EH-UH 2 STUDY

M. Marinovic Glavic⁽¹⁾, L. Bilajac⁽¹⁾, M. Boljesic⁽²⁾, M. Bubas⁽³⁾, K. Capak⁽³⁾, M. Domislovic⁽³⁾, A. Dzakula⁽³⁾, M. Fucek⁽³⁾, L. Gellineo⁽³⁾, A. Jelakovic^(1,3), J. Josipovic⁽³⁾, I. Pecin⁽³⁾, V. Prelevic⁽⁴⁾, D. Radunovic⁽⁴⁾, Z. Reiner⁽³⁾, D. Juraga⁽¹⁾, P. Susnjara⁽²⁾, V. Vasiljev⁽¹⁾, V. Vidranski⁽³⁾, B. Jelakovic⁽³⁾
⁽¹⁾ Rijeka, ⁽²⁾ Osijek, ⁽³⁾ Zagreb (CROATIA), ⁽⁴⁾ Podgorica (MONTENEGRO)

14:55-15:05

BIO-ANTHROPOMETRIC INDEXES OF INSULIN RESISTANCE AND 24-HOUR BLOOD PRESSURE MONITORING IN OVERWEIGHT NON-DIABETIC HYPERTENSIVE PATIENTS

M. Landolfo⁽¹⁾, F. Spannella⁽¹⁾, F. Giulietti⁽¹⁾, A. Gezzi⁽¹⁾, M. Di Rosa⁽¹⁾, L. Soraci⁽²⁾, R. Sarzani⁽¹⁾
⁽¹⁾ Ancona (ITALY), ⁽²⁾ Cosenza (ITALY)

15:05-15:15

GASTRIC BYPASS-INDUCED WEIGHT LOSS RESTORES ALDOSTERONE REACTIVITY TO ORTHOSTATIC STRESS IN OBESE PATIENTS

J. Zahnd, N. Vakilzadeh, M. Hendriks-Balk, N. Schwotzer, J. Sauter, M. Maillard, E. Grouzmann, L. Favre, G. Wuerzner
Lausanne (SWITZERLAND)



SATURDAY, MAY 24, 2025

14:15-15:15

Aria 2

Mini-Symposium Supported by ReCor Medical
ADVANCING HYPERTENSION MANAGEMENT: RENAL DENERVATION
IN CLINICAL PRACTICE

Chairs: F. Mahfoud (Basel, SWITZERLAND),
R.E. Schmieder (Erlangen, GERMANY)

- 14:15-14:20 Introduction**
R.E. Schmieder (Erlangen, GERMANY)
- 14:20-14:35 Resistant hypertension and the role of RDN today**
- European Guidelines and patient selection
- Case presentations: When would you recommend RDN?
K. Dimitriadis (Athens, GREECE)
- 14:35-14:50 Uncontrolled Hypertension and the role of RDN today**
- European Guidelines and patient selection
- Case presentations: When would you recommend RDN?
A. Pathak (Luxembourg, LUXEMBOURG)
- 14:50-15:10 Podium Discussion**
Interventional Device Therapy in 2025 and beyond
• From recommendation to implementation in clinical practice
• The future of renal denervation: What's next?
- 15:10-15:15 Summary**
F. Mahfoud (Hamburg, SWITZERLAND)

15:30-16:45

Ocean I

Plenary Session
OBESITY AND HYPERTENSION

Chairs: V. Kotsis (Thessaloniki, GREECE), G. Grassi (Milan, ITALY)

- 15:30-15:45 Genetic aspects**
A.F. Dominiczak (Glasgow, UNITED KINGDOM)
- 15:45-16:00 Body weight, inflammation and cardiovascular risk**
T. Guzik (Edinburgh, UNITED KINGDOM)
- 16:00-16:15 Challenges with BP measurement in the patient with severe obesity**
F. Saladini (Padua, ITALY)
- 16:15-16:30 Medical and surgical treatments**
J. Jordan (Cologne, GERMANY)
- 16:30-16:45 General Discussion**



SATURDAY, MAY 24, 2025

17:00-18:00

Ocean 2

Joint Session ESH-ISH

TIME TO CLOSE THE GAP BETWEEN GUIDELINES AND IMPLEMENTATION

Chairs: G.S. Stergiou (Athens, GREECE), T. Weber (Wels, AUSTRIA)

- 17:00-17:12** **Primary care physicians have the primary role**
J. Nemcsik (Budapest, HUNGARY)
- 17:12-17:24** **Pharmacies must help**
E. Rodilla (Valencia, SPAIN)
- 17:24-17:36** **New drug classes will make implementation easier**
B. Williams (London, UNITED KINGDOM)
- 17:36-17:48** **The promise of AI**
G.S. Stergiou (Athens, GREECE)
- 17:48-18:00** **General Discussion**

17:00-18:00

Sky

Oral Session

ARTIFICIAL INTELLIGENCE

Chairs: A. Heagerty (Manchester, UNITED KINGDOM),
Z. Jarai (Budapest, HUNGARY)

- 17:00-17:10** **RADIOMICS-BASED CLASSIFICATION OF PATHOLOGICAL PATTERNS IN COMMON CAROTID ARTERY WALL**
M. Jadoon⁽¹⁾, F. Poli⁽¹⁾, P. Boutouyrie⁽¹⁾, H. Khettab⁽¹⁾,
E. Bianchini⁽²⁾, F. Fata⁽²⁾, X. Jouven⁽¹⁾, J.P. Emapana⁽¹⁾,
R.M. Bruno⁽¹⁾
⁽¹⁾ Paris (FRANCE), ⁽²⁾ Pisa (ITALY)
- 17:10-17:20** **COACH-LED DIGITAL HEALTH INTERVENTION FOR HYPERTENSION MANAGEMENT IN NIGERIA**
A. Aina⁽¹⁾, M.M. Munnee⁽²⁾, O. Malumi⁽²⁾, N. Mobisson⁽²⁾,
I. Etuk⁽²⁾, H. Minaye⁽²⁾, S. Pastakia⁽¹⁾, O. Adeoye-Olatunde⁽¹⁾
⁽¹⁾ Indiana (USA), ⁽²⁾ Lagos (NIGERIA)
- 17:20-17:30** **EFFECTIVENESS OF A NOVEL DIGITAL INTERVENTION IN REDUCING HOME BLOOD PRESSURE IN HYPERTENSIVE PATIENTS: INSIGHTS FROM A REAL-WORLD OBSERVATIONAL STUDY**
T. Fujiwara⁽¹⁾, K. L. Tucker⁽¹⁾, P. A Bateman⁽¹⁾,
C. Wright-Drakesmith⁽¹⁾, S. de Lusignan⁽¹⁾, G.A Ford⁽¹⁾,
R. FD Hobbs⁽¹⁾, J. Mant⁽²⁾, B. McKinstry⁽³⁾, S. Pollock⁽¹⁾,
C. Rice⁽¹⁾, Y. Yang⁽¹⁾, P. Stevens⁽⁴⁾, H. Guidi⁽⁴⁾, R.J. McManus⁽⁵⁾
⁽¹⁾ Oxford, ⁽²⁾ Cambridge, ⁽³⁾ Edinburgh (UNITED KINGDOM),
⁽⁴⁾ Hoofddorp (THE NETHERLANDS), ⁽⁵⁾ Brighton (UNITED KINGDOM)



SATURDAY, MAY 24, 2025

17:30-17:40 **CLINICAL EFFECTIVENESS OF FUTURE BLOOD PRESSURE PREDICTION SOFTWARE GUIDED BLOOD PRESSURE CONTROL IN HYPERTENSION PATIENTS: CLINICAL EFFECTIVENESS OF DR. ANSWER ARTIFICIAL INTELLIGENCE**

J.H. Kim

Gwang Ju (SOUTH KOREA)

17:40-17:50 **USING MACHINE LEARNING TO EVALUATE THE VALUE OF GENETIC LIABILITIES IN THE CLASSIFICATION OF HYPERTENSION WITHIN THE UK BIOBANK**

G. MacCarthy ⁽¹⁾, R. Pazoki ^(1,2)

⁽¹⁾ Uxbridge, ⁽²⁾ London (UNITED KINGDOM)

17:50-18:00 **IDENTIFICATION OF PREDICTORS FOR ISOLATED DIASTOLIC HYPERTENSION IN YOUNG ADULTS BY MACHINE LEARNING METHODS**

M. Huanhuan, Z. Zhou, Z. Yin, X. Li, Y. Zhang, J. Zhang, Y. Zhang

Beijing (CHINA)

17:00-18:00

Aqua I

Topical Workshop

UNDERSTANDING THE EVIDENCE BASE IN HYPERTENSION

Chairs: C. Delles (Glasgow, UNITED KINGDOM),
T. MacDonald (Dundee, UNITED KINGDOM)

17:00-17:15 **Fake news in highly ranked journals**
S.E. Kjeldsen (Oslo, NORWAY)

17:15-17:30 **AI in publishing - the good and the bad**
R. Touyz (Montréal, Québec, CANADA)

17:30-17:45 **What a meta-analysis need**
M. Brunström (Umeå, SWEDEN)

17:45-18:00 **General Discussion**

WITHDRAWN



SATURDAY, MAY 24, 2025

17:00-18:00

Aqua 2

Meet-the-Expert

INFLAMMATION AND CARDIOVASCULAR DAMAGE

Chairs: A.H.J. Danser (Rotterdam, THE NETHERLANDS),
G. Lembo (Pozzilli, ITALY)

17:00-17:15 Microcirculation
D. Carnevale (Pozzilli, ITALY)

17:15-17:30 Large arteries
S. Laurent (Paris, FRANCE)

17:30-17:45 The heart
T. Guzik (Edinburgh, UNITED KINGDOM)

17:45-18:00 General Discussion

17:00-18:00

Aria I

Debate

TARGET BP IN CHRONIC KIDNEY DISEASE

Chairs: M. Burnier (Lausanne, SWITZERLAND),
R.E. Schmieder (Erlangen, GERMANY)

17:00-17:20 Optimal BP targets in people with CKD: from evidence to recommendations
P. Sarafidis (Thessaloniki, GREECE)

17:20-17:40 How to achieve the optimal BP targets and cardiorenal protection in our CKD patients
R.E. Schmieder (Erlangen, GERMANY)

17:40-18:00 Podium Discussion



SATURDAY, MAY 24, 2025

17:00-18:00

Aria 2

Oral Session

SECONDARY HYPERTENSION

Chairs: P. Mulatero (Turin, ITALY), R. Sanchez (Buenos Aires, ARGENTINA)

- 17:00-17:10** **PREVALENCE AND CHARACTERISTICS OF FAMILIAL FIBROMUSCULAR DYSPLASIA IN THE EUROPEAN/ INTERNATIONAL FMD REGISTRY (FEIRI)**
T. Robberechts⁽¹⁾, M. Pappaccogli⁽²⁾, D.J.L. van Twist⁽³⁾, A. Aniszczuk-Hybiak⁽⁴⁾, T. De Backer⁽⁵⁾, M. Januszewicz⁽⁴⁾, A.A. Kroon⁽⁶⁾, R. Pascarella⁽⁷⁾, A. Januszewicz⁽⁴⁾, P.W. de Leeuw⁽⁶⁾, M. Zedde⁽⁷⁾, M.S. Stoeniu⁽¹⁾, A. Persu⁽¹⁾
⁽¹⁾ Brussels (BELGIUM), ⁽²⁾ Turin (ITALY), ⁽³⁾ Sittard/Heerlen (THE NETHERLANDS), ⁽⁴⁾ Warsaw (POLAND), ⁽⁵⁾ Ghent (BELGIUM), ⁽⁶⁾ Maastricht (THE NETHERLANDS), ⁽⁷⁾ Reggio Emilia (ITALY)
- 17:10-17:20** **UNDERLYING ARTERIOPATHY IN PATIENTS WITH SPONTANEOUS CERVICAL ARTERY DISSECTION: FIBROMUSCULAR DYSPLASIA AND BEYOND**
M. Pappaccogli, L. Ponsa, M. Genovese, G. Bosco, S. Leombruni, A. Depaoli, C. Guarnaccia, F. Rabbia, P. Cerrato, F. Veglio
Turin (ITALY)
- 17:20-17:30** **VASCULAR ALTERATIONS IN FIBROMUSCULAR DYSPLASIA: INSIGHTS FROM CAROTID AND AORTIC PULSE WAVE ANALYSIS**
S. Badhwar⁽¹⁾, C.C. Mayer⁽²⁾, B. Hametner⁽²⁾, S. Orter⁽²⁾, L. Ghiadoni⁽³⁾, G. Aringhieri⁽³⁾, M. Cosottini⁽³⁾, D. Guarino⁽³⁾, E. Bianchini⁽³⁾, V. Gemignani⁽³⁾, P. Boutouyrie⁽¹⁾, R.M. Bruno⁽¹⁾
⁽¹⁾ Paris (FRANCE), ⁽²⁾ Vienna (AUSTRIA), ⁽³⁾ Pisa (ITALY)

17:30-17:40

THE MUTATIONAL LANDSCAPE OF ADRENAL GLANDS WITH ALDOSTERONE-PRODUCING LESIONS AT SINGLE-CELL RESOLUTION

A. Aminuddin⁽¹⁾, A.N. Abd Rahman⁽¹⁾, F. Abdul Latif⁽¹⁾, C.P. Cabrera⁽²⁾, P. Stevens⁽²⁾, K. Laycock⁽²⁾, E. Ng⁽²⁾, E. Goodchild⁽²⁾, M. Ackers-Johnson⁽³⁾, E. Wozniak⁽²⁾, C. Mein⁽²⁾, A. Ali⁽¹⁾, N. Sukor⁽¹⁾, T.P. Hai Kiat⁽³⁾, R. S Foo⁽³⁾, W.M. Drake⁽²⁾, M. J Brown⁽²⁾, E.A. Azizan^(1,2)
⁽¹⁾ Kuala Lumpur (MALAYSIA), ⁽²⁾ London (UNITED KINGDOM), ⁽³⁾ Singapore (SINGAPORE)

17:40-17:50

CHARACTERISTICS OF ASIAN PATIENTS WITH FIBROMUSCULAR DYSPLASIA: A SYSTEMATIC REVIEW AND META-ANALYSIS

W. Wang⁽¹⁾, J. Xu⁽²⁾, T. Fujimoto⁽³⁾, J. Wang⁽²⁾, K. Zen⁽³⁾, M.S. Stoeniu⁽¹⁾, A. Persu⁽¹⁾
⁽¹⁾ Brussels (BELGIUM), ⁽²⁾ Shanghai (CHINA), ⁽³⁾ Kyoto (JAPAN)

17:50-18:00

NEW INSIGHT INTO WOMEN WITH FIBROMUSCULAR DYSPLASIA – OBSTETRIC AND GYNECOLOGIC HISTORY, STEROID PROFILE AND THE REPRODUCTIVE ARTERIAL BLOOD FLOW EVALUATION – ARCADIA-GYN STUDY

A. Aniszczuk-Hybiak⁽¹⁾, E. Florczak⁽¹⁾, A. Dobrowolska-Redo⁽¹⁾, L. Grabowska-Derlatka⁽¹⁾, R. Szczecina⁽¹⁾, I. Kowalik⁽¹⁾, E. Warchol-Celinska⁽¹⁾, K. Jozwik-Plebanek⁽¹⁾, B. Pregowska-Chwala⁽¹⁾, A. Lebek-Szatanska⁽¹⁾, J. Was⁽¹⁾, K. Rucinska⁽¹⁾, M. Papaccogli⁽²⁾, A. Persu⁽³⁾, A. Januszewicz⁽¹⁾, M. Januszewicz⁽¹⁾, J. Teliga-Czajkowska⁽¹⁾, K. Czajkowski⁽¹⁾
⁽¹⁾ Warsaw (POLAND), ⁽²⁾ Turin (ITALY), ⁽³⁾ Brussels (BELGIUM)



SATURDAY, MAY 24, 2025

18.15-19.45

Moderated E-poster Sessions

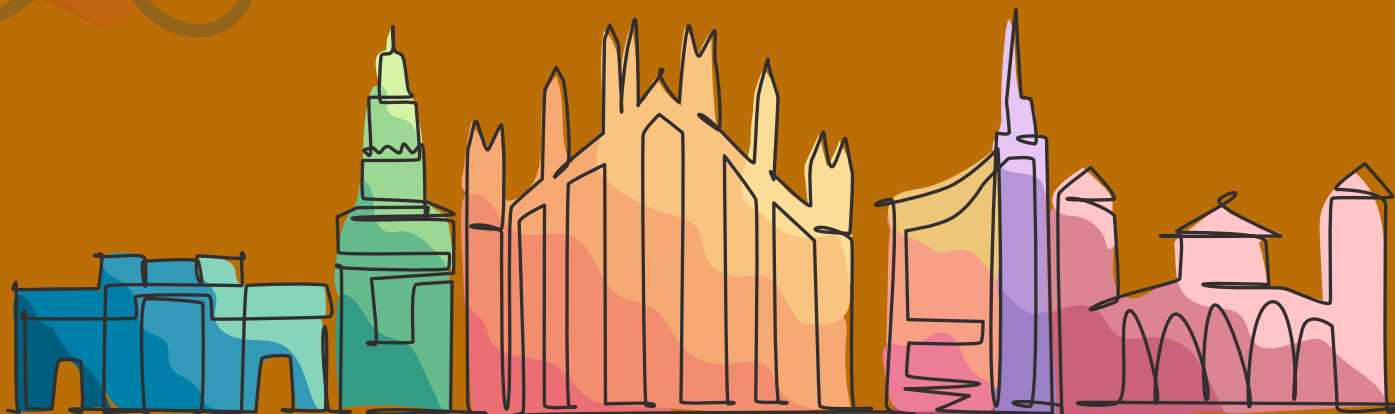
- Totem 1 **Risk factors I**
- Totem 2 **Risk factors 2**
- Totem 3 **BP Measurement/Monitoring I**
- Totem 4 **Epidemiology I**
- Totem 5 **Heart I**
- Totem 6 **Clinical studies I**
- Totem 7 **Healthcare organization and guidelines**
- Totem 8 **Metabolic syndrome**
- Totem 9 **Hypertension phenotypes I**
- Totem 10 **Older persons**
- Totem 11 **Diabetes**
- Totem 12 **Pharmacotherapy I**
- Totem 13 **Pathophysiology/Mechanisms I**
- Totem 14 **Women I**
- Totem 15 **Vasculature I**
- Totem 16 **Kidney I**



European
Society of
Hypertension

34th
**EUROPEAN
MEETING**
on Hypertension
and Cardiovascular
Protection

SUNDAY, 25 MAY, 2025





SUNDAY, MAY 25, 2025

07:30-08:15

Ocean 2

CZECH SOCIETY OF HYPERTENSION AND SLOVAK SOCIETY OF HYPERTENSION SYMPOSIUM

Chairs: R. Cífková (Prague, CZECH REPUBLIC)
A. Vachulova (Bratislava, SLOVAK REPUBLIC)

07:30-07:40 Measurement of arterial stiffness: should it be introduced into clinical practice?
J. Filipovsky (Pilsen, CZECH REPUBLIC)

07:40-07:50 Blood pressure and alcohol
J. Seidlerova Mlikova (Pilsen, CZECH REPUBLIC)

07:50-08:00 Role of home Blood Pressure Monitoring in clinical practice
A. Vachulova (Bratislava, SLOVAK REPUBLIC)

08:00-08:10 Cardiovascular risk in patients with medial arterial calcification
L. Gaspar (Trnava, SLOVAK REPUBLIC)

08:10-08:15 General Discussion

07:30-08:15

Sky

Joint Session CHL-JSH-WHL-ESH WORLDWIDE GUIDELINES

Chairs: J.-G. Wang (Shanghai, CHINA),
P.K. Whelton (New Orleans, LA, USA)

07:30-07:40 ESH guidelines
T. Weber (Wels, AUSTRIA)

07:40-07:50 The Chinese hypertension guidelines
J.-G. Wang (Shanghai, CHINA)

07:50-08:00 The Japanese hypertension guidelines
K. Kario (Shimotsuke, JAPAN)

08:00-08:10 The US guidelines
P.K. Whelton (New Orleans, LA, USA)

08:10-08:15 General Discussion



SUNDAY, MAY 25, 2025

07:30-08:15

Aqua 2

Morning Session

HYPERTENSION IN IRAQ: TWO SIDES OF THE SAME COIN

Chairs: G. Farhan Haji (Baghdad, IRAQ), S. Majeed Yousaf (Baghdad, IRAQ)

07:30-07:40 Hypertension in Iraq: a silent epidemic
M.M. Younus (Baghdad, IRAQ)

07:40-07:50 The Intersection of Stress and Social Factors in Hypertension Prevalence in Iraq
A.A. Alothman (Baghdad, IRAQ)

07:50-08:00 The Economic Impact of Hypertension Management in Iraq: Costs and Consequences
F.K. Khazaal (Baghdad, IRAQ)

08:00-08:10 From Theory to Action: Whom, where, and How awareness campaigns influence hypertension control
N.K. Mualla (Baghdad, IRAQ)

08:10-08:15 General Discussion

07:30-08:15

Aria I

Morning Session

TEAM BASED CARE IN HYPERTENSION MANAGEMENT, HOW TO RELIEVE WORK OVERLOAD

Chairs: R. de Pinho (São João da Madeira, PORTUGAL),
E. Rodilla (Valencia, SPAIN)

07:30-07:40 Practical guidelines uniting GP and HT societies
E. Rodilla (Valencia, SPAIN)

07:40-07:50 Time needed to treat (TNT) in the treatment of HT
J. Nemcsik (Budapest, HUNGARY)

07:50-08:00 Team based care and task shifting
M. Pikkemaat (Malmö, SWEDEN)

08:00-08:15 General Discussion



SUNDAY, MAY 25, 2025

07:30-08:15

Aria 2

Morning Session COFFEE AND BP

Chairs: M. Doumas (Thessaloniki, GREECE), P. Palatini (Padua, ITALY)

07:30-07:45 Coffee and BP
F. Quarti-Trevano (Monza, ITALY)

07:45-08:00 Coffee and vascular effects
F. Saladini (Padua, ITALY)

08:00-08:15 General Discussion

08:00-11:00

Ocean I

Hands-On Workshop RENAL ULTRASOUND IN HYPERTENSION (BASICS)

Chairs: A. Januszewicz (Warsaw, POLAND), A. Persu (Brussels, BELGIUM)

08:00-08:05 Brief history and aims of the course
A. Persu (Brussels, BELGIUM),
A. Januszewicz (Warsaw, POLAND)

08:05-08:25 Technical basics of ultrasound; normal anatomic findings and common abnormalities of the renal and urogenital tract (renal masses, nephrolithiasis, hydronephrosis)
M. Januszewicz (Warsaw, POLAND)

08:25-08:45 Renal duplex ultrasound: atherosclerotic renal artery stenosis and fibromuscular dysplasia / renal resistive index
B. Ponte (Geneva, SWITZERLAND)

08:45-09:05 Future applications: Contrast-enhanced ultrasound (CEUS) and microvascular ultrasound (MVUS)
M. Pruijm (Lausanne, SWITZERLAND)

09:05-09:15 Break

09:15-11:00 Practical kidney examination by experts and supervised hands-on kidney ultrasound with healthy volunteers
D. Ackermann (Bern, SWITZERLAND)
M. Januszewicz (Warsaw, POLAND)
B. Ponte (Geneva, SWITZERLAND)
M. Pruijm (Lausanne, SWITZERLAND)



SUNDAY, MAY 25, 2025

08:30-09:30

Ocean 2

Topical Workshop

WHAT IS NEW IN OUT-OF-OFFICE BP MEASUREMENT

Chairs: G. Mancia (Milan, ITALY), G.S. Stergiou (Athens, GREECE)

08:30-08:42 Reproducibility and treatment effect on ABPM
G. Mancia (Milan, ITALY)

08:42-08:54 Nocturnal BP
T.L. Bothe (Berlin, GERMANY)

08:54-09:06 New BP measuring devices
G.S. Stergiou (Athens, GREECE)

09:06-09:18 Blood pressure variability
G. Parati (Milan, ITALY)

09:18-09:30 General Discussion

08:30-09:30

Sky

Oral Session

DIABETES

Chairs: J. Redon (Valencia, SPAIN), L.A. Sechi (Udine, ITALY)

08:30-08:40 LOW ACHIEVED SYSTOLIC BLOOD PRESSURE RELATED TO KIDNEY PROTECTION IN DIABETIC AND NON-DIABETIC HIGH-RISK HYPERTENSIVE PATIENTS
E. Olsen ⁽¹⁾, C.L. Söraas ^(1,2), R.E. Schmieder ⁽³⁾, K. Jamerson ⁽⁴⁾, G. Mancia ⁽⁵⁾, T.M. MacDonald ⁽⁶⁾, S. Heimark ⁽²⁾, M.H. Mehlum ⁽²⁾, K. Liestöl ⁽²⁾, A.C.K. Larstorp ⁽²⁾, J.E. Mariampillai ⁽²⁾, L.V. Halvorsen ⁽²⁾, A. Høieggen ⁽²⁾, R. Mo ⁽¹⁾, M. Rostrup ⁽²⁾, S.E. Kjeldsen ⁽²⁾, M.A. Weber ⁽⁷⁾
⁽¹⁾ Trondheim, ⁽²⁾ Oslo (NORWAY), ⁽³⁾ Erlangen (GERMANY), ⁽⁴⁾ Ann Arbor, MI (USA), ⁽⁵⁾ Milan (ITALY), ⁽⁶⁾ Dundee (UNITED KINGDOM), ⁽⁷⁾ New York, NY (USA)

08:40-08:50 EFFECTS OF THE GLP-1 RA SEMAGLUTIDE ON VASCULAR STRUCTURE AND FUNCTION IN PATIENTS WITH TYPE 2 DIABETES: RESULTS OF A PROSPECTIVE RANDOMIZED DOUBLE-BLIND PLACEBO-CONTROLLED STUDY
D. Kannenkeril, A. Bosch, M. Günes-Altan, V. Bytyqi, M.V. Karg, K. Striepe, M. Denker, M. Schiffer, R. Janka, R.E. Schmieder
Erlangen (GERMANY)

08:50-09:00 HIGH PREVALENCE OF TYPE 2 DIABETES MELLITUS IN RESISTANT HYPERTENSIVE PATIENTS WITH PRIMARYALDOSTERONISM ON A HIGH SODIUM DIET
T. Dudenbostel
Huntsville, AL (USA)

WITHDRAWN



SUNDAY, MAY 25, 2025

- 09:00-09:10 **STUDY OF THE CAUSAL ROLE OF SELENIUM IN THE DEVELOPMENT OF TYPE 2 DIABETES IN A HIGH-FRUCTOSE DIET MODEL IN WISTAR RAT**
P. Casanova Querol, M. Martín Grau, G. Rocha Correal, L. Moreno Morcillo, M. Pardo Tendero, J.F. Haro Estévez, J.M. Morales Tatay, V. González Marrachelli, D. Monleón Salvadó
Valencia (SPAIN)
- 09:10-09:20 **TYPE 2 DIABETES INCIDENCE IN HYPERTENSIVES WITH DYSLIPIDEMIA ACCORDING TO STATIN INTENSITY REGIMEN, LENGTH OF EXPOSURE AND CARDIORESPIRATORY FITNESS**
A. Pittaras⁽¹⁾, C. Faselis⁽²⁾, C. Grassos⁽²⁾, D. Lovic⁽²⁾, A.J. Manolis⁽¹⁾, K. Emmanouil⁽⁴⁾, I. Babu Henry Samue⁽²⁾, M. Papavasileiou⁽²⁾, J. Myers⁽²⁾, P. Kokkinos^(2,3)
⁽¹⁾ Athens (GREECE), ⁽²⁾ Washington DC, ⁽³⁾ Brunswick, NC (USA)
- 09:20-09:30 **SGLT2 INHIBITORS REDUCE AMBULATORY BLOOD PRESSURE IN PATIENTS WITH TYPE 2 DIABETES: AN UPDATED META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS**
M. Kolaza⁽¹⁾, I. Kontogiorgos⁽¹⁾, C. Kourtidou⁽¹⁾, A. Karligkiotis⁽¹⁾, E. Georgiou⁽¹⁾, V. Vaios⁽¹⁾, M. Divani⁽²⁾, P. Zebekakis⁽¹⁾, V. Liakopoulos⁽¹⁾, P. Georgianos⁽¹⁾
⁽¹⁾ Thessaloniki, ⁽²⁾ Larissa (GREECE)

08:30-09:30

Aqua I

Oral Session

GENOMICS

Chairs: M. Miglinas (Vilnius, LITHUANIA),
R. Touyz (Montreal, Quebec, CANADA)

- 08:30-08:40 **WHOLE GENOME ANALYSIS AND FUNCTIONAL VALIDATION OF MRI-DERIVED KIDNEY VOLUME LOCI IDENTIFIES KEY REGULATORS OF CHRONIC KIDNEY DISEASE IN THE UK BIOBANK**
S. Saluja, C. Sugden, A. Li, H. Cordell, R. Lennon
Manchester (UNITED KINGDOM)

- WITHDRAWN** 08:40-08:50 **UTILIZING MASS SPECTROMETRY SERUM PROTEOMICS SIGNATURES TO DETECT PRIMARY ALDOSTERONISMS IN HYPERTENSIVE PATIENTS**
C.H. Tsai⁽¹⁾, P.H. Kong⁽²⁾, C.C. Hsieh⁽¹⁾, Y.C. Huang⁽¹⁾, V.C. Wu⁽¹⁾, C.C. Liao⁽¹⁾, Y.H. Lin⁽¹⁾
⁽¹⁾ Taipei (TAIWAN), ⁽²⁾ Kaohsiung (TAIWAN)

- 08:50-09:00 **ASSOCIATIONS BETWEEN CYP3A5 (c.6986A>G) GENE POLYMORPHISM AND KIDNEYIMPAIRMENT IN HYPERTENSIVE ADULTS WITHOUT CYSTATIN C ELEVATION**
Y. Jiang, Y. Zhou
Suzhou (CHINA)



SUNDAY, MAY 25, 2025

- 09:00-09:10 **POLYMORPHIC VARIANT RS11646213 IN THE CDH13 GENE IS ASSOCIATED WITH SUSCEPTIBILITY TO ARTERIAL HYPERTENSION IN BULGARIAN FEMALE SUBJECTS**
R. Tzveova ⁽¹⁾, T. Yaneva-Sirakova ⁽¹⁾, J. Matrozova ⁽¹⁾, S. Vandeva ⁽¹⁾, P. Atanasov ⁽¹⁾, D. Pendicheva-Duhlenka ⁽²⁾, V. Mitev ⁽¹⁾, R. Kaneva ⁽¹⁾
⁽¹⁾ Sofia, ⁽²⁾ Pleven (BULGARIA)
- 09:10-09:20 **GENETIC INSIGHTS INTO METABOLIC SYNDROME: POLYGENIC SCORES AS PREDICTIVE TOOLS FOR RISK ASSESSMENT**
Y. Timasheva ⁽¹⁾, O. Kochetova ⁽¹⁾, Z. Balkhiyarova ⁽²⁾, G. Korytina ⁽¹⁾, I. Prokopenko ⁽²⁾, A. Nouwen ⁽³⁾
⁽¹⁾ Ufa (RUSSIA), ⁽²⁾ Guildford, ⁽³⁾ London (UNITED KINGDOM)
- 09:20-09:30 **SPATIAL TRANSCRIPTOMICS REVEAL GENE EXPRESSION SIGNATURE IN ARTERIAL FIBROMUSCULAR DYSPLASIA LESIONS**
Y. Lin, P. Bruneval, M.-A. Fustier, C. Lesaffre, A. Georges, N. Bouatia-Naji
Paris (FRANCE)

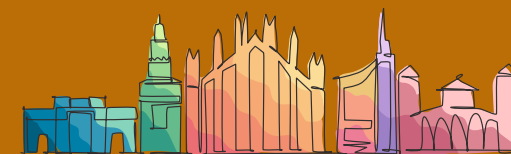
08:30-09:30

Aqua 2

Oral Session
LATE BREAKERS 2

Chairs: R. Dell'Oro (Monza, ITALY), J. Filipovsky (Pilsen, CZECH REPUBLIC)

- 08:30-08:40 **APP-BASED MULTIMODAL LIFESTYLE-INTERVENTION FOR ESSENTIAL HYPERTENSION: A RANDOMIZED-CONTROLLED, DECENTRALIZED TRIAL IN GERMANY**
C. Beger ⁽¹⁾, A. Mijuskovic ⁽²⁾, M. Lehmann ⁽²⁾, L. Jones ⁽³⁾, F. Limbourg ⁽¹⁾
⁽¹⁾ Hannover, ⁽²⁾ Berlin (GERMANY), ⁽³⁾ London (UNITED KINGDOM)
- 08:40-08:50 **NON-INVASIVE ASSESSMENT OF LIVER FIBROSIS IDENTIFIES METABOLIC DYSFUNCTION-ASSOCIATED STEATOTIC LIVER DISEASE PATIENTS WITH INCREASED ARTERIAL STIFFNESS**
M. Lemoli, F. Cherubini, N. Laera, C. Cattaneo, E. Oberti, P. Vaccarello, M. Quagliata, C. Rossini, G. Buso, E. Porter, D. Rizzoni, C. Agabiti Rosei, C. De Ciuceis, M.L. Muesan
Brescia (ITALY)
- 08:50-09:00 **MORTALITY RISKS IN SUBTYPES OF WHITE-COAT HYPERTENSION: IMPLICATIONS FOR THE DIAGNOSIS OF WHITE-COAT HYPERTENSION**
A. De la Sierra ⁽¹⁾, L. Ruilope ⁽²⁾, N. Staplin ⁽³⁾, G. Stergiou ⁽⁴⁾, E. Vinyoles ⁽⁵⁾, B. Williams ⁽⁶⁾
⁽¹⁾ Terrassa, ⁽²⁾ Madrid (SPAIN), ⁽³⁾ Oxford (UNITED KINGDOM), ⁽⁴⁾ Athens (GREECE), ⁽⁵⁾ Barcelona (SPAIN), ⁽⁶⁾ London (UNITED KINGDOM)



SUNDAY, MAY 25, 2025

- 09:00-09:10 **REDUCING HYPERTENSIVE URGENCY THROUGH RADIOFREQUENCY RENAL DENERVATION: INSIGHTS FROM SPYRAL HTN-OFF AND -ON MED TRIALS**
M. Böhm ⁽¹⁾, M. Weber ⁽²⁾, K. Kario ⁽³⁾, D. Kandzari ⁽⁴⁾,
F. Mahfoud ⁽⁵⁾, R. Schmieder ⁽⁶⁾, K. Tsioufis ⁽⁷⁾,
M. Gilbertson ⁽⁸⁾, R. Townsend ⁽⁹⁾
⁽¹⁾ Homburg (GERMANY), ⁽²⁾ New York, NY (USA), ⁽³⁾ Tochigi (JAPAN), ⁽⁴⁾ Atlanta, GA (USA), ⁽⁵⁾ Basel (SWITZERLAND),
⁽⁶⁾ Erlangen (GERMANY), ⁽⁷⁾ Athens (GREECE), ⁽⁸⁾ Santa Rosa, CA (USA), ⁽⁹⁾ Philadelphia, PA (USA)
- 09:10-09:20 **RELATIONSHIP BETWEEN CAROTID-FEMORAL PWV AND BRACHIAL-ANKLE PWV WITH THE RISK OF NEW-ONSET CARDIOVASCULAR EVENTS: A COHORT STUDY IN THE BEIJING COMMUNITY-BASED POPULATION**
L. Gao, T. Dong, F. Fan, J. Jia, Y. Huo, Y. Zhang
Beijing (CHINA)
- 09:20-09:30 **CLINICAL CHARACTERISTICS OF HYPERTENSIVE PATIENTS WITH MULTIPLE DRUG INTOLERANCE**
C. Fasano, A. Palermi, F. Rabbia, M. Pappaccogli, L. Ponsa, A. D'Avolio,
F. Veglio
Turin (ITALY)

08:30-09:45

Aria I

Oral Session

BRAIN

Chairs: P. De Leeuw (Maastricht, THE NETHERLANDS),
M. Viigimaa (Tallinn, ESTONIA)

- 08:30-08:40 **BLOOD PRESSURE VARIABILITY ALTERS CEREBRAL FUNCTIONAL NETWORKS CONNECTIVITY IN HYPERTENSIVE PATIENTS**
L. Carnevale ⁽¹⁾, A. Maffei ⁽¹⁾, F. Quarti-Trevano ⁽²⁾,
D. Carnevale ^(1,3), G. Grassi ⁽²⁾, G. Lembo ^(1,4)
⁽¹⁾ Pozzilli, ⁽²⁾ Milan, ⁽³⁾ Latina, ⁽⁴⁾ Rome (ITALY)
- 08:40-08:50 **BRAIN FUNCTIONAL CONNECTIVITY ALTERATIONS IN HYPERTENSIVE INDIVIDUALS DURING REST AND COLD PRESSOR TEST**
M. Hendriks-Balk ⁽¹⁾, P. Pozeg ⁽¹⁾, D. Van De Ville ⁽²⁾,
P. Hagmann ⁽¹⁾, G. Wuerzner ⁽¹⁾
⁽¹⁾ Lausanne, ⁽²⁾ Geneva (SWITZERLAND)
- 08:50-09:00 **ANGIOTENSIN RECEPTOR BLOCKER THERAPY MAY REDUCE SEIZURE INCIDENCE IN PATIENTS WITH ACUTE STROKE**
Z. Kiss, G. Czifra, B. Fülöp, Z. Hermann, B. Jassoy, A. Koszta,
K. Kovács-Kusza, E. Pordány-Bagoly, S. Singoszki, G. Szegleti,
V. Varga, Z. Szupera
Budapest (HUNGARY)



SUNDAY, MAY 25, 2025

09:00-09:10 **ASSOCIATION OF BLOOD PRESSURE VARIABILITY AND INCIDENCE OF STROKE: A SYSTEMATIC REVIEW**

E. Stamou, E. Manta, P. Iliakis, G. Gompas,
K. Papadomarkaki, S. Drogkaris, M. Kouremeti, A. Sakalidis,
M. Kariori, F. Tatakis, A. Kasiakogias, K. Dimitriadis,
D. Konstantinidis, K. Tsioufis
Athens (GREECE)

09:10-09:20 **TARGETING A HYPERADRENERGIC STATE WITH CLONIDINE TO ALLEVIATE SYMPTOMS OF DEPRESSION AND IMPAIRED STRESS-MODULATED VASOMOTOR RESPONSES- A PILOT STUDY IN HYPERTENSION**

B. Farukh, L. Faconti, R. McNally, P. Chowienczyk
London (UNITED KINGDOM)

09:20-09:30 **EVALUATION OF INTRACRANIAL PRESSURE AND ASSOCIATED FACTORS IN HYPERTENSIVE PATIENTS**

C.V. Carvalho, A. Taquary Marin, S.A. Dal Castel Júnior,
I. Caiado Oliveira, I. Caldas da Silva Souza,
G. Melo Toledo Nascimento, C.C. Caetano Mendonça,
A.L. Félix e Silva, M. Martins da Costa, A. Camargo Oliveira,
A.L. Lima Sousa, W.K. Sebba Barroso de Souza
Goiânia (BRAZIL)

09:30-09:45 **MINI-LECTURE**

Antihypertensive treatment, cognitive dysfunction and dementia: an update
A. Coca (Barcelona, SPAIN)

08:30-09:45

Aria 2

Oral Session
LIFESTYLE INTERVENTION

Chairs: M. Caulfield (London, UNITED KINGDOM),
S. Erdine (Istanbul, TURKEY)

08:30-08:40 **CLINICIAN PRACTICE REGARDING SODIUM AND POTASSIUM INTAKE MONITORING IN PATIENTS WITH HYPERTENSION**

A.M. Van Vliet ⁽¹⁾, J. Versmissen ⁽²⁾, C. Peters ⁽³⁾,
E. Tantisattamo ^(4,5), B. Sautenet ⁽⁶⁾, T. Weber ⁽⁷⁾, L. Vogt ⁽¹⁾,
R. Olde Engberink ⁽¹⁾
⁽¹⁾ Amsterdam, ⁽²⁾ Rotterdam (THE NETHERLANDS), ⁽³⁾ Aarhus
(DENMARK), ⁽⁴⁾ Orange, CA (USA), ⁽⁵⁾ Bangkok (THAILAND),
⁽⁶⁾ Tours (FRANCE), ⁽⁷⁾ Wels (AUSTRIA)

08:40-08:50 **MORTALITY RISK ACCORDING TO CARDIORESPIRATORY FITNESS IN HYPERTENSIVE PATIENTS WITH CONTROLLED AND UNCONTROLLED BLOOD PRESSURE**

A. Pittaras ⁽¹⁾, C. Faselis ⁽²⁾, C. Grassos ⁽²⁾, M. Doumas ⁽²⁾,
A.J. Manolis ⁽¹⁾, Kyfnidis K. ⁽¹⁾, Kallistratos E. ⁽¹⁾,
Kouremenos N. ⁽¹⁾, Papavasiliou M. ⁽¹⁾, I. Babu Henry Samue ⁽²⁾,
J. Myers ⁽²⁾, P. Kokkinos ⁽²⁾
⁽¹⁾ Athens (GREECE), ⁽²⁾ Washington DC (USA)

08:50-09:00 **HIGHER POTASSIUM INTAKE AND A LOWER DIETARY NA/K-RATIO ARE ASSOCIATED WITH A LOWER INCIDENCE OF NEW-ONSET HYPERTENSION**

C. Zwager, M. van Vliet, R. Olde Engberink
Amsterdam (THE NETHERLANDS)



SUNDAY, MAY 25, 2025

09:00-09:15

MINI-LECTURE

Uric Acid: an update

C. Borghi (Bologna, ITALY)

09:15-09:25

FEASIBILITY AND PRELIMINARY EFFECTIVENESS OF MINDFULNESS-BASED STRESS REDUCTION PROGRAM ON PATIENTS WITH NOCTURNAL HYPERTENSION: A PILOT RANDOMIZED CONTROLLED TRIAL

E.K. Lee ⁽¹⁾, S. Wang ⁽¹⁾, S.-N. Ng ⁽¹⁾, R. Sit ⁽¹⁾, C. Ying ⁽¹⁾, B.H. Yip ⁽¹⁾, R. McManus ⁽²⁾, S. Wong ⁽¹⁾

⁽¹⁾ Hong Kong (HONG KONG SAR, CHINA), ⁽²⁾ Brighton (UNITED KINGDOM)

09:25-09:35

DETERMINATION OF HIGH SALT CONSUMPTION PREDICTORS IN GENERAL POPULATION AN IMPORTANT STEP FOR BETTER PUBLIC HEALTH EH-UH 2 STUDY

M. Marinovic Glavic ⁽¹⁾, L. Bilajac ⁽¹⁾, M. Boljesic ⁽²⁾, M. Bubas ⁽³⁾, K. Capak ⁽³⁾, M. Domislovic ⁽³⁾, A. Dzakula ⁽³⁾, M. Fucek ⁽³⁾, L. Gellineo ⁽³⁾, A. Jelakovic ^(1,3), J. Josipovic ⁽³⁾, I. Pecin ⁽³⁾, V. Prelevic ⁽⁴⁾, D. Radunovic ⁽⁴⁾, Z. Reiner ⁽³⁾, T. Rukavina ⁽¹⁾, P. Susnjara ⁽⁵⁾, V. Vasiljev ⁽¹⁾, V. Vidranski ⁽³⁾, B. Jelakovic ⁽³⁾

⁽¹⁾ Rijeka, ⁽²⁾ Osijek, ⁽³⁾ Zagreb (CROATIA), ⁽⁴⁾ Podgorica (MONTENEGRO), ⁽⁵⁾ Osijek (CROATIA)

09:35-09:45

PHYSICAL ACTIVITY IN PATIENTS WITH CHRONIC KIDNEY DISEASE: THE EFFECTS OF CAREGIVERS AND RESIDENTIAL FACTORS.

M. Theodorakopoulou ⁽¹⁾, F. Iatridi ⁽¹⁾, I. Giannopoulou ⁽²⁾, E. Karkamani ⁽¹⁾, A.G. Karagiannidis ⁽¹⁾, N. Haddad ⁽¹⁾, E. Sampani ⁽¹⁾, K. Dipla ⁽³⁾, P. Sarafidis ⁽¹⁾, A. Boutou ^(1,2)

⁽¹⁾ Thessaloniki, ⁽²⁾ Larissa, ⁽³⁾ Serres (GREECE)

10:00-10:45

Sky

Mini-Symposium Supported by Servier

PATIENTS AND DOCTORS' PARTNERSHIP: SHOULD WE CHANGE THE PARADIGM TO IMPROVE BLOOD PRESSURE CONTROL?

Chairs: R. de Pinho (São João da Madeira, PORTUGAL),

J. Versmissen (Rotterdam, THE NETHERLANDS)

10:00-10:03

Introduction

J. Versmissen (Rotterdam, THE NETHERLANDS)

10:03-10:13

Therapeutic inertia: apply simple guidelines

R. de Pinho (São João da Madeira, PORTUGAL)

10:13-10:28

Identify the barriers to adherence: perspectives from patients' side

J. Vaclavik (Ostrava, CZECH REPUBLIC),
I. Maurina (Riga, LATVIA)

10:28-10:40

Build a strong therapeutic alliance with your patient: with a little help from your friends

M. Burnier (Lausanne, SWITZERLAND)

10:40-10:45

Discussion and conclusion

R. de Pinho (São João da Madeira, PORTUGAL)



SUNDAY, MAY 25, 2025

10:00-11:00

Aqua I

Mini-Symposium Supported by SkyLabs Inc.

BREAKING BOUNDARIES IN HYPERTENSION CARE: A NEW ERA WITH CUFFLESS BLOOD PRESSURE MONITORING

Chairs: G. Parati (Milan, ITALY), J. Shin (Seul, SOUTH KOREA)

10:00-10:05 Opening

J. Shin (Seul, SOUTH KOREA), G. Parati (Milan, ITALY)

10:05-10:20 Cuffless Blood Pressure Monitoring: where we are and where we are headed

G.S. Stergiou (Athens, GREECE)

10:20-10:35 Evidence-Based Innovation for Advancing Hypertension Care

H.Y. Lee (Seoul, SOUTH KOREA)

10:35-10:55 Discussion, Q&A

10:55-11:00 Closing

G. Parati (Milan, ITALY), J. Shin (Seul, SOUTH KOREA)

10:00-11:00

Aqua 2

Mini-Symposium Supported by Mineralys

CURRENT EVIDENCE TARGETING ALDOSTERONE IN DIFFICULT TO TREAT HYPERTENSION

Chairs: M. Saxena (London, UNITED KINGDOM),
C. Borghi (Bologna, ITALY)

10:00-10:15 Unmet clinical need in resistant and uncontrolled HTN

C. Borghi (Bologna, ITALY)

10:15-10:30 How to optimize blood pressure control? The role of aldosterone antagonism

L. Vogt (Amsterdam, THE NETHERLANDS)

10:30-11:00 Q&A

10:30-10:45 PANEL DISCUSSION

M. Saxena (London, UNITED KINGDOM)

10:45-11:00 Q&A

T. Heagerty (Manchester, UNITED KINGDOM)



SUNDAY, MAY 25, 2025

10:00-11:00

Aria 2

Topical Workshop

HYPERTENSIVE URGENCIES AND EMERGENCIES

Chairs: M.L. Muiesan (Brescia, ITALY),
R. Boulestreau (Bordeaux, FRANCE)

- 10:00-10:12** **Malignant hypertension in practice: presentation of the ESH position paper**
R. Boulestreau (Bordeaux, FRANCE)
- 10:12-10:24** **TMA: a must have diagnosis in severe hypertension**
B.-J. Van den Born (Amsterdam, THE NETHERLANDS)
- 10:24-10:36** **HT urgencies and uncontrolled HT: the same or 2 different conditions?**
C. Fragoulis (Athens, GREECE)
- 10:36-10:48** **Assessment of HOMD IN Severely elevated blood pressure**
A. Milan (Turin, ITALY)
- 10:48-11:00** **General Discussion**

11:15-12:00

Aria I

ESH General Assembly

11:15-12:45

Moderated E-poster Sessions

- Totem I** **Risk factors 3**
- Totem 2** **BP Measurement/Monitoring 2**
- Totem 3** **BP Measurement/Monitoring 3**
- Totem 4** **Epidemiology 2**
- Totem 5** **Heart 2**
- Totem 6** **Clinical studies 2**
- Totem 7** **Echocardiography/Heart**
- Totem 8** **Artificial intelligence and new technologies**
- Totem 9** **Hypertension in pregnancy**
- Totem 10** **Device based treatment and resistant hypertension**
- Totem 11** **Lifestyle intervention**
- Totem 12** **Adherence**
- Totem 13** **Secondary hypertension I**
- Totem 14** **Hypertension phenotypes 2**
- Totem 15** **Vasculature 2**
- Totem 16** **Women 2**



SUNDAY, MAY 25, 2025

13:00-14:00

Sky

Satellite Symposium Supported by Merck
BETA-BLOCKERS IN HYPERTENSION THROUGH THE LENS OF
GENDER, AGE, AND CV OUTCOMES

Chairs: R. Kreutz (Berlin, GERMANY), G. Mancia (Milan, ITALY)

13:00-13:20 Female face of hypertension

J. Brguljan (Ljubljana, SLOVENIA)

13:20-13:40 Cardiovascular outcomes of beta-blocker and calcium
channel blocker combination treatment: learning from
real-world studies

A. Pathak (Luxembourg, LUXEMBOURG)

13:40-14:00 Panel Discussion

14:15-15:15

Ocean 2

Joint Session ESH-ESC (Council on Hypertension)
FROM HYPERTENSION TO HEART FAILURE WITH PRESERVED EF:
MECHANISMS AND PERSPECTIVES OF MANAGEMENT

Chairs: I. Sudano (Zurich, SWITZERLAND), S. Taddei (Pisa, ITALY)

14:15-14:27 Mechanisms and Pathophysiology: the journey from
hypertension to HFpEF

R.M. Bruno (Paris, FRANCE)

14:27-14:39 Interaction between hypertension, obesity and HFpEF

E. Agabiti Rosei (Brescia, ITALY)

14:39-14:51 Detection and management of myocardial interstitial
fibrosis in HFpEF

M. Camafort (Barcelona, SPAIN)

14:51-15:03 Innovative research and treatments in the hypertension -
HFpEF spectrum

C. Tsioufis (Athens, GREECE)

15:03-15:15 General Discussion



SUNDAY, MAY 25, 2025

14:15-15:15

Sky

Topical Workshop

NOVELTIES IN THE DIAGNOSIS AND MANAGEMENT OF PRIMARY ALDOSTERONISM

Chairs: A. Januszewicz (Warsaw, POLAND), P. Mulatero (Turin, ITALY)

14:15-14:27 Screening for all hypertensive patients?
L. Amar (Paris, FRANCE)

14:27-14:39 Problems in the interpretation of the Aldosterone-Renin ratio
M. Azizi (Paris, FRANCE)

14:39-14:51 Associated clinical phenotypes
J. Deinum (THE NETHERLANDS)

14:51-15:03 Therapy
S. Monticone (Turin, ITALY)

15:03-15:15 General Discussion

14:15-15:15

Aqua I

Mini-Symposium Supported by Omron Healthcare Europe ILLUMINATING NOCTURNAL BLOOD PRESSURE

Chairs: G. Parati (Milan, ITALY), G.S. Stergiou (Athens, GREECE)

14:15-14:30 Nocturnal hypertension: the hidden risk and how to assess it
G.S. Stergiou (Athens, GREECE)

14:30-14:45 The better you sleep, the more you dip
G. Bilo (Milan, ITALY)

14:45-15:00 Navigating blood pressure measurements in AF care
A. Schutte (Sydney, AUSTRALIA)

15:00-15:15 Discussion



SUNDAY, MAY 25, 2025

14:15-15:15

Aqua 2

Mini-Symposium organised by Nexus Healthcare Education and funded by an independent educational grant from AstraZeneca
THE SPECTRUM OF ALDOSTERONE DYSREGULATION AND ITS ROLE IN HYPERTENSION AND ASSOCIATED DISORDERS

Chair: R. Kreutz (Berlin, GERMANY)

14:15-14:20 **Welcome and introduction**
T. Weber (Wels, AUSTRIA)

14:20-14:35 **The role of aldosterone regulation and dysregulation in hypertension pathogenesis and evolution**
B. Williams (London, UNITED KINGDOM)

14:35-14:45 **Screening methods and other patient identification approaches**
E. Jones (Cape Town, SOUTH AFRICA)

14:45-15:00 **Non-classic effects of aldosterone on physiological pathways**
G.P. Rossi (Padua, ITALY)

15:00-15:10 **Q&A**

15:10-15:15 **Summary and key takeaways**
R. Kreutz (Berlin, GERMANY)

14:15-15:15

Aria I

Oral Session
CLINICAL STUDIES 2

Chairs: C. Giannattasio (Milan, ITALY), J.-G. Wang (Shanghai, CHINA)

14:15-14:25 **HYPOTENSION AND FALLS RISK IN HYPERTENSIVE OLDER ADULTS**

M. Capacci, G. Rivasi, I. Ambrosino, L. Ceolin, G. Turrin, L. Rossi, G. D'Ambrosio, A. Liccardo, M.F. Bisignano, G. Ceccarelli, V. Giambusso, M. Rafanelli, E. Mossello, A. Ungar
Florence (ITALY)

14:25-14:35 **THE PREVALENCE OF PRIMARY ALDOSTERONISM IS ELEVATED AMONG HYPERTENSIVES PATIENTS EXHIBITING ABDOMINAL AORTIC CALCIFICATION**

WITHDRAWN

S. Saydin, Q. Luo, N. Li, M. Heizhati
Urumqi, Xinjiang (CHINA)

14:35-14:45 **THE EFFECT OF SYMPATHETIC NERVOUS SYSTEM HYPERACTIVITY ON A 6-MONTH BLOOD PRESSURE REGULATION IN HYPERTENSIVE PATIENTS WITH OR WITHOUT NONALCOHOLIC FATTY LIVER DISEASE**

N. Kakouri, I. Andrikou, D. Konstantinidis, E. Siafi, E. Manta, C. Thomopoulos, K. Dimitriadis, M. Koullias, H. Papageorgiou, S. Papageorgiou, C. Filippou, I. Zamanis, F. Tatakhs, M. Stathouloupoulou, P. Tsioufis, D. Tousoulis, C. Tsioufis
Athens (GREECE)



SUNDAY, MAY 25, 2025

14:45-14:55 **CAN PRE-LOAD REDUCTION PREDICT CHANGES IN DIASTOLIC FUNCTION INDUCED BY ANTIHYPERTENSIVE TREATMENT?**

L. Giusti⁽¹⁾, R. McNally⁽¹⁾, S. Masi⁽²⁾, S. Buralli⁽²⁾,
A. Hernandez Rubio⁽¹⁾, P.J. Chowienzyk⁽¹⁾, L. Faconti⁽¹⁾
⁽¹⁾ London (UNITED KINGDOM), ⁽²⁾ Pisa (ITALY)

14:55-15:05 **IMPROVING EFFICIENT CARE DELIVERY IN PATIENTS PRESENTING TO THE EMERGENCY DEPARTMENT WITH SEVERE HYPERTENSION: A DELPHI STUDY**

J. van Steenkiste⁽¹⁾, B.-J. Van den Born⁽²⁾, J. Deinum⁽³⁾,
J. Versmissen⁽⁴⁾
⁽¹⁾ Heerlen, ⁽²⁾ Amsterdam, ⁽³⁾ Nijmegen, ⁽⁴⁾ Rotterdam
(THE NETHERLANDS)

15:05-15:15 **ADDRESSING CLINICAL AND RESEARCH INERTIA USING MACHINE LEARNING APPROACHES: THE HOMED-BP STUDY**

T. Yamamura⁽¹⁾, K. Asayama^(1,2), D. Yasui⁽¹⁾, M. Kikuya⁽¹⁾,
T. Ohkubo^(1,2)
⁽¹⁾ Tokyo, ⁽²⁾ Sendai (JAPAN)

14:15-15:15

Aria 2

Joint Session ESH-ERA

RENOVASCULAR HYPERTENSION - BEYOND RENAL ARTERY STENOSIS

Chairs: M. Theodorakopoulou (Thessaloniki, GREECE),
L. Vogt (Amsterdam, THE NETHERLANDS)

14:15-14:30 **Atherosclerotic renal artery stenosis - current concepts**
M. Theodorakopoulou (Thessaloniki, GREECE)

14:30-14:45 **Fibromuscular dysplasia- disease of multiple faces**
A. Persu (Brussels, BELGIUM)

14:45-15:00 **Not so rare causes of renovascular hypertension**
A. Januszewicz (Warsaw, POLAND)

15:00-15:15 **General Discussion**



SUNDAY, MAY 25, 2025

15:30-16:45

Ocean I

Plenary Session

PRESENTATION OF ESH AWARDS

Chairs: C. Delles (Glasgow, UNITED KINGDOM),
A. Januszewicz (Warsaw, POLAND), T. Weber (Wels, AUSTRIA)

Alberto Zanchetti Life Achievement Award

A. Dominiczak (Glasgow, UNITED KINGDOM)

Peter A. van Zwieten Award

M. Caulfield (London, UNITED KINGDOM)

ESH Honorary Membership

K. Narkiewicz (Gdansk, POLAND)

Paul Milliez Award

A. Benetos (Paris, FRANCE)

Servier Research Grant in Hypertension 2025

A. Argyris (Athens, GREECE)

2025 SOMNOmedics Young Investigators Award

T.L. Bothe (Berlin, GERMANY)

Best oral and best poster presentations

Björn Folkow Award and lecture

M. Azizi (Paris, FRANCE)

17:00-18:15

Ocean 2

Topical Workshop

LIFETIME PERSPECTIVES

Chairs: J. Redon (Valnecia, SPAIN),
Š. Sokolovic (Sarajevo, BOSNIA AND HERZEGOVINA)

17:00-17:15 Childhood hypertension - role of obesity and trajectories throughout life

S. Stabouli (Thessaloniki, GREECE)

17:15-17:30 Early life origins of cardiovascular disease

P. Nilsson (Lund, SWEDEN)

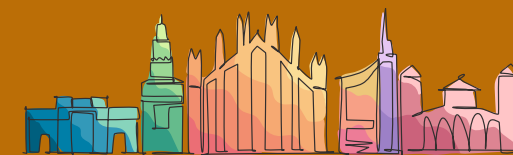
17:30-17:45 Vascular ageing

S. Laurent (Paris, FRANCE)

17:45-18:00 Antihypertensive treatment in elderly

A. Benetos (Nancy, FRANCE)

18:00-18:15 General Discussion



SUNDAY, MAY 25, 2025

17:00-18:15

Sky

Oral Session

HYPERTENSION PHENOTYPES

Chairs: P. Palatini (Padua, ITALY), M. Schlaich (Perth, AUSTRALIA)

17:00-17:15

MINI-LECTURE

Novel Blood Pressure phenotypes based on central Blood Pressure

A. Protogerou (Athens, GREECE)

17:15-17:25

ISOLATED SYSTOLIC HYPERTENSION IN YOUNG, MIDDLE-AGED AND OLDER PEOPLE – FINDINGS FROM THE INTERNATIONAL ACADEMIC 24HOUR ACADEMIC BLOOD PRESSURE ONSORTIUM (i24abc)

K. Danninger ⁽¹⁾, D. Terentes Printzios ⁽²⁾, C. Vlachopoulos ⁽²⁾, A. Kollios ⁽³⁾, G. Stergiou ⁽³⁾, S. Aoun Bahous ⁽⁴⁾, A. Argyris ⁽⁵⁾, A. Protogerou ⁽⁵⁾, E. Rodilla ⁽⁶⁾, M.A. Mota Gomes ⁽⁷⁾, A. Mota Gomes ⁽⁷⁾, A. Maloberti ⁽⁸⁾, C. Giannatasio ⁽⁸⁾, R. Binder ⁽¹⁾, G. Pucci ⁽⁹⁾, J. Sharman ⁽¹⁰⁾, A. de la Sierra ⁽¹¹⁾, P. Sarafidis ⁽¹²⁾, J. Blacher ⁽¹³⁾, B. McDonnell ⁽¹⁴⁾, D. Piskorz ⁽¹⁵⁾, S. Perl ⁽¹⁶⁾, L. Ware ⁽¹⁷⁾, A.E. Schutte ⁽¹⁷⁾, J. Nemcsik ⁽¹⁸⁾, C. McEniery ⁽¹⁹⁾, I. Wilkinson ⁽¹⁹⁾, J.R. Banegas ⁽²⁰⁾, M. Agharazii ⁽²¹⁾, G.L. Pierce ⁽²²⁾, Y. Li ⁽²³⁾, P. Jankowski ⁽²⁴⁾, K. Kario ⁽²⁵⁾, M.L. Muiresan ⁽²⁶⁾, M. Salvetti ⁽²⁶⁾, Y. Zhang ⁽²⁷⁾, C. Mayer ⁽²⁸⁾, B. Hametner ⁽²⁸⁾, S. Wassertheurer ⁽²⁸⁾, T. Weber ⁽¹⁾
⁽¹⁾ Wels (AUSTRIA), ⁽²⁾ Athens (GREECE), ⁽³⁾ Athens (GREECE), ⁽⁴⁾ Beirut (LEBANON), ⁽⁵⁾ Athens (GREECE), ⁽⁶⁾ Valencia (SPAIN), ⁽⁷⁾ Alagoas (BRAZIL), ⁽⁸⁾ Milano (ITALY), ⁽⁹⁾ Perugia (ITALY), ⁽¹⁰⁾ Tasmania (AUSTRALIA), ⁽¹¹⁾ Barcelona (SPAIN), ⁽¹²⁾ Thessaloniki (GREECE), ⁽¹³⁾ Paris (FRANCE), ⁽¹⁴⁾ Cardiff (UK), ⁽¹⁵⁾ Rosario (ARGENTINE), ⁽¹⁶⁾ Graz (AUSTRIA), ⁽¹⁷⁾ SOUTH AFRICA, ⁽¹⁸⁾ Budapest (HUNGARY), ⁽¹⁹⁾ Cambridge (UK), ⁽²⁰⁾ Madrid (SPAIN), ⁽²¹⁾ Quebec (CANADA), ⁽²²⁾ Iowa (USA), ⁽²³⁾ Shanghai (CHINA), ⁽²⁴⁾ Kraków (POLAND), ⁽²⁵⁾ Jichi (JAPAN), ⁽²⁶⁾ Brescia (ITALY), ⁽²⁷⁾ Shanghai (CHINA), ⁽²⁸⁾ Vienna (AUSTRIA)

17:25-17:35

ASSOCIATION OF ORTHOSTATIC HYPERTENSION IDENTIFIED ACCORDING TO DIFFERENT DEFINITIONS WITH CARDIOVASCULAR DISEASE. THE PARTAGE STUDY

P. Palatini ⁽¹⁾, L. Admant ⁽²⁾, S. Gautier ⁽²⁾, C. Labat ⁽²⁾, P. Salvi ⁽³⁾, A. Benetos ⁽²⁾

⁽¹⁾ Padua (ITALY), ⁽²⁾ Nancy (FRANCE), ⁽³⁾ Milan (ITALY)

17:35-17:45

PROGNOSTIC SIGNIFICANCE OF ISOLATED DIASTOLIC HYPERTENSION IDENTIFIED WITH AMBULATORY BLOOD PRESSURE MEASUREMENT IN THE YOUNG

F. Saladini ⁽¹⁾, L. Mos ⁽²⁾, O. Vriz ⁽²⁾, A. Mazzer ⁽³⁾, G. Berton ⁽³⁾, S. Cozzio ⁽⁴⁾, G. Garavelli ⁽⁵⁾, M. Rattazzi ^(3,6), P. Palatini ⁽⁶⁾

⁽¹⁾ Cittadella (Padua), ⁽²⁾ San Daniele del Friuli (Udine), ⁽³⁾ Treviso, ⁽⁴⁾ Trento, ⁽⁵⁾ Cremona, ⁽⁶⁾ Padua (ITALY)

17:45-17:55

THE IMPACT OF PREHYPERTENSION ON SHORT-TERM AND LONG-TERM CARDIOVASCULAR OUTCOMES: A MULTI-COHORT STUDY

X. Chen ⁽¹⁾, B. Chen ⁽¹⁾, Y. Li ⁽¹⁾, L. Ruan ⁽²⁾, S. Zeng ⁽¹⁾, K. Cheng ⁽¹⁾, E. Wu ⁽¹⁾, J. Zhang ⁽¹⁾, S. Wu ⁽³⁾, S. Zhu ⁽¹⁾, C. Zhang ⁽²⁾, T. Li ⁽¹⁾

⁽¹⁾ Shenzhen, ⁽²⁾ Wuhan, ⁽³⁾ Tangshan (CHINA)

17:55-18:05

SELF-MEASURED HOME ORTHOSTATIC HYPO- AND HYPERTENSION AND THEIR ASSOCIATIONS WITH SUBCLINICAL ATHEROSCLEROSIS IN A SWEDISH POPULATION-BASED COHORT

F. Frey ⁽¹⁾, P. Af Geijerstam ⁽²⁾, F. Iredahl ⁽²⁾, K. Rådholm ⁽²⁾, C.J. Östgren ⁽²⁾, F. Nyström ⁽²⁾, M. Wijkman ⁽¹⁾

⁽¹⁾ Norrköping, ⁽²⁾ Linköping (SWEDEN)

18:05-18:15

HYPERTENSION PHENOTYPES AND SUBCLINICAL CARDIAC ORGAN DAMAGE IN A LARGE POPULATION-BASED STUDY

M. Randjelovic, M. Wijkman, D. Kylhammar, F.H. Nyström, C.J. Östgren

Linköping (SWEDEN)



SUNDAY, MAY 25, 2025

17:00-18:00

Aqua 1

Teaching Seminar

LIFESTYLE MANAGEMENT - WHAT IS NEW

Chairs: Z. Jarai (Budapest, HUNGARY),
B. Williams (London, UNITED KINGDOM)

17:00-17:15 Physical Exercise

J. Claes (Leuven, BELGIUM)

17:15-17:30 Diet

A. Pittaras (Athens, GREECE)

17:30-17:45 Sodium/potassium Intake

L. Vogt (Amsterdam, THE NETHERLANDS)

17:45-18:00 General Discussion

17:00-18:15

Aqua 2

Clinical Cases Session

CLINICAL-PATHOLOGICAL CONFERENCE (CPC) IN COOPERATION WITH HYPERTENSION, AN AMERICAN HEART ASSOCIATION JOURNAL (AHA)

Chairs: J. Cluett (Boston, USA), S. Ramdani (Oujda, MOROCCO),
R. Touyz (Montreal, Quebec, CANADA)

**17:00-17:30 A 30-year journey to blood pressure control -OR- Reaching
blood pressure control: an odyssey**

M. Pappaccogli (Turin, ITALY),
A. Persu (Brussels, BELGIUM)

17:30-18:00 To stent or not to stent

S. Kulkarni (Cambridge, UNITED KINGDOM),
J. Gray (Cambridge, UNITED KINGDOM)

18.00-18.15 General Discussion



SUNDAY, MAY 25, 2025

17:00-18:00

Aria I

Joint session ESH-LASH

THE NEW 2024 LASH HYPERTENSION GUIDELINES

Chairs: A. Coca (Barcelona, SPAIN),
R. Sanchez (Buenos Aires, ARGENTINA),

- 17:00-17:12** **Hypertension burden in Latin America**
P. Lopez-Jaramillo (Bucaramanga, COLOMBIA)
- 17:12-17:24** **Clinical evaluation of patients: how to proceed in low- and middle-income countries**
G. Parati (Milan, ITALY)
- 17:24-17:36** **Treatment of hypertension and associated CV risk factors: how to improve BP control**
G. Mancia (Milan, ITALY)
- 17:36-17:48** **Management of hypertension in women in Latin America**
D.I. Molina de Salazar (Caldas, COLOMBIA)
- 17:48-18:00** **General Discussion**

17:00-18:15

Aria 2

Oral Session

BP MEASUREMENT/MONITORING 2

Chairs: T. Kahan (Stockholm, SWEDEN), K. Kario (Shimotsuke, JAPAN),
D. Manfellotto (Rome, ITALY)

- 17:00-17:15** **MINI-LECTURE**
Orthostatic hypertension
J. Jordan (Cologne, GERMANY)
- 17:15-17:25** **ROUTINE VERSUS STANDARDIZED BLOOD PRESSURE MEASUREMENTS – COHORT STUDY OF AGREEMENT AND ASSOCIATION WITH CARDIOVASCULAR DISEASE**
O. Gästgivers, J. Ögren, B. Carlberg, M. Brunström
Umeå (SWEDEN)
- 17:25-17:35** **AN EVALUATION OF THE IMPLEMENTATION OF A NOVEL DIGITAL INTERVENTION FOR HYPERTENSION MANAGEMENT: The SHIP Study**
R. McManus ⁽¹⁾, K. Tucker ⁽²⁾, P. Bateman ⁽²⁾,
C. Wright Drakesmith ⁽²⁾, T. Fujiwara ⁽²⁾, S. de Lusignan ⁽²⁾,
G. Ford ⁽²⁾, R. Hobbs ⁽²⁾, J. Mant ⁽³⁾, B. McKinstry ⁽⁴⁾,
S. Pollock ⁽²⁾, C. Rice ⁽⁵⁾
⁽¹⁾ Brighton, ⁽²⁾ Oxford, ⁽³⁾ Cambridge, ⁽⁴⁾ Edinburgh, ⁽⁵⁾ Bristol
(UNITED KINGDOM)



SUNDAY, MAY 25, 2025

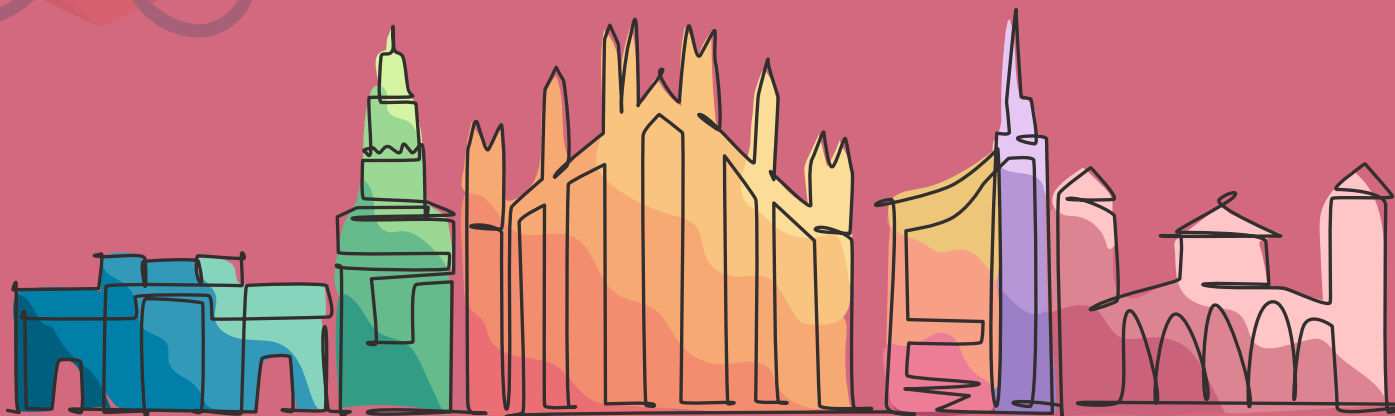
- 17.35-17.45 **ATTENDED VS. UNATTENDED OFFICE BLOOD PRESSURE MEASUREMENT: AGREEMENT WITH AMBULATORY MONITORING AND IMPLICATIONS FOR BLOOD PRESSURE PHENOTYPING IN TREATED PATIENTS**
Y. Gomes Cavini, V. Carvalhêdo Cunha, E. Iasbeck G. Brasil, V.F. de Andrade Matos, L. Rosales do Carmo, A.G. Laurinavicius, M. Gonçalves Sousa, F. Consolim-Colombo, J. Batista Sousa, O. Passarelli Junior, F. Yue Cesena
São Paulo (BRAZIL)
- 17.45-17.55 **THE POTENTIAL USE OF SIGNAL PROCESSING TO REDUCE THE SEASONAL VARIATIONS ON BLOOD PRESSURE MANAGEMENT**
K. Tsoi ⁽¹⁾, Z. Weng ⁽²⁾, Z. Hao ⁽¹⁾, K. Yiu ⁽¹⁾
⁽¹⁾ Hong Kong (HONG KONG SAR, CHINA), ⁽²⁾ Guangzhou (CHINA)
- 17.55-18.05 **THE EFFECT OF SLEEP DISTURBANCE ON BLOOD PRESSURE DURING SLEEP ASSESSED BY A MULTISENSOR BLOOD PRESSURE MONITORING DEVICE: RESULTS FROM THE HI-JAMP STUDY BASELINE DATA**
N. Tomitani, S. Hoshida, K. Kario
Shimotsuke (JAPAN)
- 18.05-18.15 **REAL-LIFE COMPARISON OF TWO VALIDATED HOME BLOOD PRESSURE OSCILLOMETRIC REVEALS PRONOUNCED DIFFERENCE IN BLOOD PRESSURE AND LOSS OF PRECISION WITH HIGHER VALUES**
B. Thompson, J. Zahnd, P. Taffé, M. Hendriks-Balk, G. Wuerzner
Lausanne (SWITZERLAND)



European
Society of
Hypertension

34th
**EUROPEAN
MEETING**
on Hypertension
and Cardiovascular
Protection

MONDAY, 26 MAY, 2025





MONDAY, MAY 26, 2025

08:00-09:00

Sky

Round Table

ASSESSMENT OF HMOD IN CLINICAL PRACTICE. WHICH, WHEN, HOW

Chairs: E. Agabiti Rosei (Brescia, ITALY), J. Redon (Valencia, SPAIN)

Intro Talk

E. Agabiti Rosei (Brescia, ITALY)

Discussants: R. de Pinho (São João da Madeira, PORTUGAL),
K. Kasiakogias (Athens, GREECE), S. Laurent (Paris, FRANCE),
D. Lovic (SERBIA), J. Redon (Valencia, SPAIN)

08:00-09:15

Aqua I

Oral Session

PATHOPHYSIOLOGY/MECHANISMS

Chairs: C. Delles (Glasgow, UNITED KINGDOM), A. Virdis (Pisa, ITALY)

08:00-08:10 IMPAIRED LONG-TERM AND SHORT-TERM CONTROL OF SYMPATHETIC NERVE ACTIVITY IN NON-HYPERTENSIVESALT-SENSITIVE DAHL S RATS

E. Hutter ⁽¹⁾, T. Ditting ⁽²⁾, C. Meißner ⁽¹⁾, S. Loosen ⁽¹⁾,
N. Cordasic ⁽¹⁾, P. Linz ⁽¹⁾, M. Schiffer ⁽¹⁾, K. Amann ⁽¹⁾,
R. Veelken ^(1,2), K. Rodionova ⁽¹⁾
⁽¹⁾ Erlangen, ⁽²⁾ Nuremberg (GERMANY)

08:10-08:20 DEFINING HEMODYNAMIC SIGNIFICANCE OF RENAL ARTERY STENOSIS IN A PORCINE MODEL OF GRADED RENAL ARTERY STENOSIS

B. Drieghe ⁽¹⁾, G. Van Loon ⁽²⁾, A. Decloedt ⁽²⁾, S. Stuyvaert ⁽²⁾,
M. De Buyzere ⁽¹⁾, T. Bové ⁽¹⁾, T. De Backer ⁽¹⁾
⁽¹⁾ Ghent, ⁽²⁾ Merelbeke (BELGIUM)

08:20-08:30 SPECIFIC GUT MICROBES ARE ASSOCIATED WITH MAJOR ADVERSE CARDIOVASCULAR EVENTS IN THE HELIUS COHORT

B. Verhaar, T. Bouwmeester, H. Galenkamp, M. Nicolaou,
B.J. van den Born, M. Nieuwdorp
Amsterdam (THE NETHERLANDS)

08:30-08:40 IMPAIRED BETA-ADRENERGIC VASODILATOR FUNCTION IN HYPERTENSIVE PATIENTS WITH SYMPTOMS OF DEPRESSION

B. Farukh, L. Faconti, R. McNally, P. Chowienczyk
London (UNITED KINGDOM)



MONDAY, MAY 26, 2025

08:40-08:50 **CIRCULATING EXTRACELLULAR VESICLES INCREASES THE EXPRESSION OF RHOA IN NORMOTENSIVE SUBJECTS UNDERWENT DIETARY SODIUM MODULATION**

J. Burrello ⁽¹⁾, F. Buffolo ⁽¹⁾, M. Tetti ⁽¹⁾, A. Burrello ⁽²⁾,
D. Di Silvestre ⁽³⁾, P. Mauri ⁽³⁾, S. Bruno ⁽¹⁾, B. Honzel ⁽⁴⁾,
L. Tsai ⁽⁴⁾, L. Barile ⁽⁵⁾, P. Mulatero ⁽¹⁾, A. Vaidya ⁽⁴⁾,
S. Monticone ⁽¹⁾
⁽¹⁾ Turin, ⁽²⁾ Bologna, ⁽³⁾ Segrate, MI (ITALY), ⁽⁴⁾ Boston, MA (USA), ⁽⁵⁾ Bellinzona (SWITZERLAND)

08:50-09:00 **SODIUM-MEDIATED BLOOD PRESSURE RISE IN CHRONIC KIDNEY DISEASE IS ASSOCIATED WITH REDUCED CYCLIC GUANOSINE MONOPHOSPHATE AVAILABILITY**

R. van Duin ⁽¹⁾, J. Oppelaar ⁽¹⁾, B.-J. van den Born ⁽¹⁾,
J. Danser ⁽²⁾, R. Olde Enkberink ⁽¹⁾, L. Vogt ⁽¹⁾
⁽¹⁾ Amsterdam, ⁽²⁾ Rotterdam (THE NETHERLANDS)

09:00-09:15 **MINI-LECTURE**

Chronic Hypoxia and blood pressure
G. Bilo (Milan, ITALY)

08:00-09:00

Aqua 2

Debate

THE PROS AND CONS OF TOOLS TO VALIDATE NEW ANTI-HYPERTENSIVE TREATMENT OPTIONS

Chairs: R. Kreutz (Berlin, GERMANY), G. Mancia (Milan, ITALY)

08:00-08:20 Why do we need randomized controlled trials?
M. Brunström (SWEDEN)

08:20-08:40 Why do we need real world evidence?
G. Mancia (Milan, ITALY)

08:40-09:00 Podium Discussion



MONDAY, MAY 26, 2025

08:00-09:00

Aria I

Clinical Cases Session

Chairs: T. Benedek (Târgu Mures, ROMANIA), A. Leiba (Ashdod, ISRAEL)

08:00-08:30 Unilateral Conn's Syndrome: An Overlooked Surgical Cure for a High-Risk Pregnancy

L. Pellegrini (Basel, SWITZERLAND),

T. Socrates (Basel, SWITZERLAND)

08:30-09:00 Hands full with hypertension

B. Giri (Wolgast, GERMANY), F. Luft (Berlin, GERMANY)

08:00-09:15

Aria 2

Oral Session

NON-PHARMACOLOGICAL TREATMENT

Chairs: T. Frese (Halle (Saale), GERMANY), P. Palatini (Padua, ITALY)

08:00-08:10 HEALTHY LIFESTYLE FACTORS AND COMBINED MACROVASCULAR AND MICROVASCULAR EVENTS IN DIABETES PATIENTS WITH HIGH CARDIOVASCULAR RISK: RESULTS FROM ADVANCE

K. Harris⁽¹⁾, S. You⁽¹⁾, D. Zheng⁽¹⁾, Y. Wang⁽²⁾, Q. Li⁽¹⁾, T. Nguyen⁽¹⁾, R. Peters⁽¹⁾, X. Chen⁽¹⁾, X. Wang⁽¹⁾, Y. Cao⁽³⁾, D. Grobbee⁽⁴⁾, S. Harrap⁽⁵⁾, G. Mancina⁽⁶⁾, B. Williams⁽⁷⁾, N. Poulter⁽⁷⁾, M. Marre⁽⁸⁾, P. Hamet⁽⁹⁾, C. Anderson⁽¹⁾, M. Woodward⁽¹⁾, J. Chalmers⁽¹⁾
⁽¹⁾ Sydney (AUSTRALIA), ⁽²⁾ Sichuan, ⁽³⁾ Suzhou (CHINA), ⁽⁴⁾ Utrecht (THE NETHERLANDS), ⁽⁵⁾ Melbourne (AUSTRALIA), ⁽⁶⁾ Milan (ITALY), ⁽⁷⁾ London (UNITED KINGDOM), ⁽⁸⁾ Paris (FRANCE), ⁽⁹⁾ Montreal (CANADA)

08:10-08:20 HETEROGENEITY OF CLINICAL RESPONSE TO LOW SALT DIET IN NAÏVE ESSENTIAL HYPERTENSIVE PATIENTS

F. Tunesi, M. Simonini, L. Zagato, L. Citterio, G. Vezzoli, P. Manunta, C.L. Lanzani
Milan (ITALY)

08:20-08:30 ARE DIETARY SODIUM CONSUMPTION TARGETS BEING MET IN SWITZERLAND? RESULTS FROM THE SWISS SALT STUDY 2

S.T. Chelbi⁽¹⁾, J. Gianini⁽²⁾, V. Gagliano⁽²⁾, K. Theiler⁽¹⁾, G. Leanizbarrutia Alonzo⁽¹⁾, P. Marot⁽¹⁾, D. Ackermann⁽³⁾, I. Durrer⁽³⁾, F. Beuschlein⁽⁴⁾, P. Suter⁽⁴⁾, B. Vogt⁽³⁾, L. Gabutti⁽²⁾, G. Wuerzner⁽¹⁾, M. Bochud⁽¹⁾
⁽¹⁾ Lausanne, ⁽²⁾ Bellinzona, ⁽³⁾ Bern, ⁽⁴⁾ Zurich (SWITZERLAND)



MONDAY, MAY 26, 2025

08:30-08:45 **MINI-LECTURE**

Hypertension in low resource settings in Europe

B.-J. Van den Born (Amsterdam, THE NETHERLANDS)

08:45-08:55 **HIGH POTASSIUM INTAKE IS ASSOCIATED WITH BETTER CARDIOVASCULAR OUTCOME INDEPENDENT OF SODIUM INTAKE AND SEX**

C. Zwager, M. van Vliet, R. Olde Engberink
Amsterdam (THE NETHERLANDS)

08:55-09:05 **EFFECT OF TOTUM-854, A POLYPHENOL-RICH PLANT EXTRACT COMPLEX, ON THE MANAGEMENT OF EARLY-STAGE HYPERTENSION (INSIGHT STUDY): A RANDOMIZED, DOUBLE-BLIND CLINICAL TRIAL**

P. Sirvent ⁽¹⁾, D. Ripoché ⁽¹⁾, Y. F. Otero ⁽¹⁾, M. Bargetto ⁽¹⁾,
V. Sapone ⁽¹⁾, F. Noblet ⁽²⁾, M. Cazaubiel ⁽¹⁾, S. L. Peltier ⁽¹⁾,
B. Pereira ⁽³⁾, J.-M. Bard ⁽⁴⁾
⁽¹⁾ Perigny, ⁽²⁾ Boulogne-Billancourt, ⁽³⁾ Clermont-Ferrand,
⁽⁴⁾ Nantes (FRANCE)

09:05-09:15 **IMPACT OF BEMPEDOIC ACID ON RESIDUAL CARDIOVASCULAR RISK IN HYPERTENSIVE-DYSLIPIDEMIC AND DIABETIC SUBJECTS: A STUDY PROTOCOL AMONG PRIMARY HEALTH-CARE SETTING**

R. Roversi ⁽¹⁾, F. Farnia ⁽¹⁾, C. Destro ⁽¹⁾, P. Girardi ⁽¹⁾,
S. Cuppini ⁽¹⁾, A. Mazza ^(1,2)
⁽¹⁾ Rovigo, ⁽²⁾ Adria (Ro) (ITALY)

09:30-10:30

Ocean 2

Topical Workshop

GENOMICS FOR PRECISION HYPERTENSION - PROMISE FULFILLED?

Chairs: C. Delles (Glasgow, UNITED KINGDOM)

A.F. Dominiczak (Glasgow, UNITED KINGDOM)

09:30-09:45 **Real-world evidence for precision public health in HT/CVD**

J.-G. Wang (Shanghai, CHINA)

09:45-10:00 **A genomic deep field view of HT**

S. Padmanabhan (Glasgow, UNITED KINGDOM)

10:00-10:15 **Genetics and obesity HT**

M. Caulfield (London, UNITED KINGDOM)

10:15-10:30 **General Discussion**



MONDAY, MAY 26, 2025

09:30-10:30

Sky

Oral Session WOMEN

Chairs: P. Lopez-Jaramillo (Bucaramanga, COLOMBIA),
A. Mihailidou (Leonards, Sydney, AUSTRALIA)

09:30-09:40 **ARTERIAL HYPERTENSION AND STRESS DISORDERS: A COMPARATIVE ASSESSMENT IN UKRAINIAN REFUGEE WOMEN AND WOMEN REMAINING IN UKRAINE DURING THE WAR**

A. Shalimova ⁽¹⁾, M. Stoenoiu ⁽²⁾, W. Cubala ⁽¹⁾, M. Burnier ⁽³⁾,
A. Persu ⁽²⁾, M. Wilgusz ⁽¹⁾, O. Kolesnikova ⁽⁴⁾, O. Zaprovalna ⁽⁴⁾,
A. Radchenko ⁽⁴⁾, L. Mishchenko ⁽⁵⁾, O. Matova ⁽⁵⁾, I. Revenko ⁽⁵⁾,
S. Fedorov ⁽⁶⁾, V. Paliichuk ⁽⁶⁾, P. Buchkovskyi ⁽⁶⁾, K. Narkiewicz ⁽¹⁾
⁽¹⁾ Gdansk (POLAND), ⁽²⁾ Brussels (BELGIUM), ⁽³⁾ Lausanne
(SWITZERLAND), ⁽⁴⁾ Kharkiv (UKRAINE), ⁽⁵⁾ Kyiv (UKRAINE),
⁽⁶⁾ Ivano-Frankivsk (UKRAINE)

09:40-09:50 **GENDER DIFFERENCES IN THE ASSESSMENT OF CARDIOVASCULAR RISK, AND CONTROL OF BLOOD PRESSURE AND LDL-CHOLESTEROL: A SUBANALYSIS OF THE SNAPSHOT STUDY IN EUROPE**

A. Postadzhiyan ⁽¹⁾, M. Camafort ⁽²⁾, A. Dzudie ⁽³⁾, B. Ivanovic ⁽⁴⁾,
J. Magne ⁽⁵⁾, J.M. Mostaza Prieto ⁽⁶⁾, I. Pecin ⁽⁷⁾,
T. Shaburishvili ⁽⁸⁾, D. Vinereanu ⁽⁹⁾
⁽¹⁾ Sofia (BULGARIA), ⁽²⁾ Barcelona (SPAIN), ⁽³⁾ Douala
(CAMEROON), ⁽⁴⁾ Belgrade (SERBIA), ⁽⁵⁾ Limoges (FRANCE),
⁽⁶⁾ Madrid (SPAIN), ⁽⁷⁾ Zagreb (CROATIA), ⁽⁸⁾ Tbilisi
(GEORGIA), ⁽⁹⁾ Bucharest (ROMANIA)

09:50-10:00 **BLOOD PRESSURE DYNAMICS DURING PREGNANCY: DIFFERENCES BETWEEN HYPERTENSIVE DISORDERS, GESTATIONAL DIABETES, AND NORMOTENSIVE WOMEN**

F. Piani ⁽¹⁾, P. Sinigoj ⁽²⁾, E. Angilletta ⁽¹⁾, A. Baracchi ⁽¹⁾,
D. Cromi ⁽¹⁾, F. Ruscilli ⁽¹⁾, S. Scarduelli ⁽¹⁾, S. Vincenzi ⁽¹⁾,
A.M. Micciche ⁽¹⁾, G. Rusciano ⁽¹⁾, L. Annesi ⁽¹⁾, D. Agnoletti ⁽¹⁾,
N. Bozic Jese ⁽²⁾, R. Kosir Pogacnik ⁽²⁾, S. Imamovic Kumalic ⁽²⁾,
A. Kabaklic ⁽²⁾, J. Brguljan Hitij ⁽²⁾, C. Borghi ⁽¹⁾
⁽¹⁾ Bologna (ITALY), ⁽²⁾ Ljubljana (SLOVENIA)

10:00-10:10 **REVEALING GENDER DYNAMICS IN HYPERTENSIVE URGENCY MANAGEMENT: INSIGHTS FROM A TERTIARY HOSPITAL**

G. Prado Paz, E. Martínez Morcillo, R. Gómez Villaplana,
E. Solaz Moreno, P. Ciscar Fernández, C. Prades Servet,
M. Moret Pareres, A. Marco Gabarre, I. Sauri Ferrer,
A. Fernández Giménez, M.J. Forner Giner, J. Redon Mas,
F. Martínez García
Valencia (SPAIN)

10:10-10:20 **SEX DIFFERENCES IN BLOOD PRESSURE BY AGE AND MENOPAUSE STATUS AND CARDIOVASCULAR DISEASE IN THE UK BIOBANK**

K. Harris, R. Kelly, M. Woodward
Sydney (AUSTRALIA)

10:20-10:30 **30-YEAR TRENDS IN BLOOD PRESSURE, PREVALENCE, AWARENESS, TREATMENT AND CONTROL OF HYPERTENSION IN WOMEN OF REPRODUCTIVE AGE. THE CZECH MONICA AND CZECH POST-MONICA STUDIES**

R. Cífková ⁽¹⁾, A. Hrubes Krajcoviechova ⁽¹⁾, J. Bruthans ⁽¹⁾,
M. Jozifova ⁽¹⁾, P. Wohlfahrt ⁽¹⁾, A. Linhart ⁽¹⁾,
J. Widimsky, Jr. ⁽¹⁾, J. Filipovsky ⁽²⁾, V. Lanska ⁽¹⁾
⁽¹⁾ Prague, ⁽²⁾ Pilsen (CZECH REPUBLIC)



MONDAY, MAY 26, 2025

09:30-10:30

Aqua I

Topical Workshop

NEW ANTIHYPERTENSIVE DRUGS - AN UPDATE

Chairs: A.H.J. Danser (Rotterdam, THE NETHERLANDS),
L. Halvorsen (Oslo, NORWAY)

09:30-09:45 Endothelin antagonists
M. Volpe (Rome, ITALY)

09:45-10:00 New MRA drugs
B. Williams (London, UNITED KINGDOM)

10:00-10:15 New aldosterone synthase inhibitors
L. Amar (Paris, FRANCE)

10:15-10:30 General Discussion

09:30-10:30

Aqua 2

Meet-the-Expert

ELECTROLYTES IN HYPERTENSION

Chairs: V. Ram (Dallas-Texas, USA), M. Schlaich (Perth, AUSTRALIA)

09:30-09:45 Potassium intake and blood pressure
G. Mayer (Innsbruck, AUSTRIA)

09:45-10:00 Sodium and chloride in hypertension
G. Rossitto (Padua, ITALY)

10:00-10:15 Diuretics
U. Wenzel (Hamburg, GERMANY)

10:15-10:30 General Discussion



MONDAY, MAY 26, 2025

09:30-10:30

Aria I

Oral Session

DEVICE BASED TREATMENT

Chairs: M. Azizi (Paris, FRANCE), J.J. Blacher (Paris, FRANCE)

09:30-09:40 HIGH RATES OF MINERALOCORTICOID RECEPTOR ANTAGONIST DISCONTINUATION IN PATIENTS WITH HYPERTENSION: INSIGHTS FROM THE ENLIGHTN STUDY

C. Suarez Fernandez ⁽¹⁾, V. Bhalla ⁽²⁾, J. Weil ⁽³⁾, E. Coto ⁽⁴⁾,
C. Erhard ⁽⁵⁾, S. Adamsson Eryd ⁽⁶⁾, T. Norris ⁽⁶⁾,
T. McCormack ⁽⁷⁾

⁽¹⁾ Madrid (SPAIN), ⁽²⁾ Stanford, CA (USA), ⁽³⁾ Lübeck (GERMANY), ⁽⁴⁾ Gaithersburg, MD (USA), ⁽⁵⁾ Cambridge (UNITED KINGDOM), ⁽⁶⁾ Gothenburg (SWEDEN), ⁽⁷⁾ Hull (UNITED KINGDOM)

09:40-09:50 EFFECT OF RENAL DENERVATION ON GLUCOSE METABOLISM IN HYPERTENSIVE PATIENTS WITH AND WITHOUT CHRONIC KIDNEY DISEASE

V. Bytyqi, D. Kannenkeril, A. Schmid, K. Striepe, A. Bosch,
M. Karg, M. Schiffer, M. Uder, R.E. Schmieder

⁽¹⁾ Erlangen (GERMANY)

09:50-10:00 12-MONTH RESULTS OF THE REDUCED I TRIAL ASSESSING THE TIVUS SYSTEM IN RENAL DENERVATION

M. Jonas ⁽¹⁾, A. Blatt ⁽¹⁾, J. Zidar ⁽²⁾, A. Paixao ⁽³⁾, M. Arroyo ⁽⁴⁾,
G. Matos ⁽⁵⁾, G. Elbaz-Greener ⁽⁶⁾, I. Ben-Dov ⁽⁶⁾,
C. Spaulding ⁽⁷⁾, A. Kirtane ⁽⁸⁾

⁽¹⁾ Rehovot (ISRAEL), ⁽²⁾ Raleigh, NC, ⁽³⁾ Little Rock, AR, ⁽⁴⁾ Jonesboro, AR, ⁽⁵⁾ Springfield, IL (USA), ⁽⁶⁾ Jerusalem (ISRAEL), ⁽⁷⁾ Paris (FRANCE), ⁽⁸⁾ New York, NY (USA)

10:00-10:10

RETINAL NEURODEGENERATION IN PATIENTS WITH TREATMENT RESISTANT HYPERTENSION ASSESSED BY SPECTRAL-DOMAIN OPTICAL COHERENCE TOMOGRAPHY

A. Bosch ⁽¹⁾, D. Kannenkeril ⁽¹⁾, J.M. Harazny ^(1,2), S. Jung ⁽¹⁾,
G. Michelson ⁽¹⁾, M. Schiffer, R.E. Schmieder ⁽¹⁾

⁽¹⁾ Erlangen (GERMANY), ⁽²⁾ Olsztyn (POLAND)

10:10-10:20

PREDICTORS OF BLOOD PRESSURE RESPONSE TO ULTRASOUND-BASED RENAL DENERVATION BY APPLYING A NEW DEFINITION OF RESPONSE

D. Kannenkeril ⁽¹⁾, M. Azizi ⁽²⁾, A. Kirtane ⁽³⁾, C. McClure ⁽⁴⁾,
R.E. Schmieder ⁽¹⁾

⁽¹⁾ Erlangen (GERMANY), ⁽²⁾ Paris (FRANCE), ⁽³⁾ New York, NY, ⁽⁴⁾ Minneapolis, MN (USA)

10:20-10:30

MEDICATION PROFILES IN PATIENTS WITH INADEQUATELY CONTROLLED HYPERTENSION: INSIGHTS FROM THE ENLIGHTN STUDY

T. McCormack ⁽¹⁾, C. Suarez Fernandez ⁽²⁾, V. Bhalla ⁽³⁾,
A. Giannoula ⁽⁴⁾, S. Adamsson Eryd ⁽⁵⁾, T. Norris ⁽⁵⁾, E. Coto ⁽⁶⁾,
J. Weil ⁽⁷⁾

⁽¹⁾ Hull (UNITED KINGDOM), ⁽²⁾ Madrid (SPAIN), ⁽³⁾ Stanford, CA (USA), ⁽⁴⁾ Barcelona (SPAIN), ⁽⁵⁾ Gothenburg (SWEDEN),
⁽⁶⁾ Gaithersburg, MD (USA), ⁽⁷⁾ Lübeck (GERMANY)



MONDAY, MAY 26, 2025

09:30-10:30

Aria 2

Oral Session

LATE BREAKERS 3

Chairs: J. Polonia (Porto, PORTUGAL), D. Lovic (Niš, SERBIA)

09:30-09:40 A RANDOMIZED CONTROLLED CROSSOVER TRIAL EVALUATING DIFFERENTIAL RESPONSES TO ANTIHYPERTENSIVE DRUGS USED AS MONOTHERAPY ON THE BASIS OF ETHNICITY: AIM-HY INFORM

L. Faconti ⁽¹⁾, P. Chowienczyk ⁽¹⁾, I. Wilkison ⁽²⁾

⁽¹⁾ London, ⁽²⁾ Cambridge (UNITED KINGDOM)

09:40-09:50 SYMPATHETIC OVERDRIVE IN THE RESISTANT HYPERTENSIVE PHENOTYPE

R. Dell'Oro ⁽¹⁾, G. Frasca ⁽¹⁾, Q.T. Fosca ⁽¹⁾, C. Cesare ⁽¹⁾,

E. Sanidas ⁽²⁾, C. Thomopoulos ⁽²⁾, G. Grassi ⁽¹⁾

⁽¹⁾ Milan (ITALY), ⁽²⁾ Athens (GREECE)

09:50-10:00 PATIENT-PROFILED TREATMENT RESPONSES IN A LARGE HYPERTENSION TRIAL. A POST-HOC ANALYSIS OF THE INSIGHT STUDY

P. de Leeuw ⁽¹⁾, M. Brown ⁽²⁾, G. Mancina ⁽³⁾, C. Palmer ⁽⁴⁾,

L. Ruilope ⁽⁵⁾

⁽¹⁾ Maastricht (THE NETHERLANDS), ⁽²⁾ London (UNITED KINGDOM), ⁽³⁾ Milan (ITALY), ⁽⁴⁾ Cambridge (UNITED KINGDOM), ⁽⁵⁾ Madrid (SPAIN)

10:00-10:10 RISK OF CARDIOVASCULAR AND FATAL EVENTS AFTER HYPERTENSIVE URGENCY AND EMERGENCY

G. Morabito ⁽¹⁾, F. Rea ⁽¹⁾, G. Corrao ⁽¹⁾, M.L. Muiesan ⁽²⁾,

G. Mancina ⁽¹⁾

⁽¹⁾ Milan, ⁽²⁾ Brescia (ITALY)

10:10-10:20

A NOVEL, PORTABLE, LOW-COST, EASY-TO-USE DEVICE FOR ENDOTHELIAL DYSFUNCTION ASSESSMENT: A PROOF-OF-CONCEPT STUDY

N. Chatzipapa, M. Doulas, S. Evgenidis, K. Zacharias, F. Siskos, G. Zormpas, N. Moscha, D. Kouroupis, K. Stavropoulos, C. Papadopoulos, G. Kassimis, T. Karapantsios

Thessaloniki (GREECE)

10:20-10:30

ADOLESCENT OBESITY, HYPERTENSION AND THE RISK FOR CHRONIC KIDNEY DISEASE

D. Akler ⁽¹⁾, A.M. Tsur ^(1,2,3), C.D. Bendor ^(1,2,3), E. Derazne ⁽³⁾,

A. Vivante ^(1,3), E. Grossman ^(1,3), G. Chodick ⁽³⁾, B. Fishman ^(1,3),

O. Pinhas-Hamiel ^(1,3), A. Afek ^(1,4), J. Coresh ⁽⁵⁾, G. Twig ^(1,3)

⁽¹⁾ Tel Hashomer, Ramat Gan, ⁽²⁾ Jerusalem, ⁽³⁾ Tel Aviv,

⁽⁴⁾ Herzliya (ISRAEL), ⁽⁵⁾ Baltimore, MA (USA)



MONDAY, MAY 26, 2025

10:45-12:00

Ocean I

Plenary Session

ESH GUIDELINES: HOT ISSUES

Session devoted to the lifetime achievement of Professor Giuseppe Mancia

Chairs: T. Weber (Wels, AUSTRIA), G. Grassi (Milan, ITALY)

BP or CV risk-based decision?

S.E. Kjeldsen (Oslo, NORWAY)

At which level should treatment start?

G. Mancia (Milan, ITALY)

Are Target BP <120 MmHg in sight?

R. Kreutz (Berlin, GERMANY)

Comments from Scientific Societies

On behalf of The American College of Cardiology Hypertension Working Group

V. Ram (Dallas-Texas, USA)

On behalf of the International Society of Hypertension (ISH)

G.S. Stergiou (Athens, GREECE)

On behalf of the European Society of Cardiology (ESC)

I. Sudano (Zurich, SWITZERLAND)

On behalf of the National Hypertension Taskforce of Australia

A. Schutte (Sydney, AUSTRALIA)

On behalf of the Japanese Society of Hypertension (JSH)

K. Kario (Shimotsuke, JAPAN)

On behalf of the Chinese Hypertension League (CHL)

J.-G. Wang (CHINA)

On behalf of the Korean Society of Hypertension (KSH)

J. Shin (Seul, SOUTH KOREA)

On behalf of the Latin American Society of Hypertension (LASH)

P. Lopez-Jaramillo (Bucaramanga, COLOMBIA)

On behalf of the World Hypertension League (WHL)

G. Parati (Milan, ITALY)

On behalf of the American College of Cardiology/ American Heart Association (ACC/AHA)

P.K. Whelton (New Orleans, LA, USA)



MONDAY, MAY 26, 2025

13.00-14.30

Moderated E-poster Sessions

Totem 1	Risk factors 4
Totem 2	Sleep
Totem 3	BP Measurement/Monitoring 4
Totem 4	Epidemiology 3
Totem 5	Heart 3
Totem 6	Clinical studies 3
Totem 7	Pharmacotherapy 2
Totem 8	Brain
Totem 9	Obesity
Totem 10	Vasculature 3
Totem 11	Children and adolescents
Totem 12	Pathophysiology/Mechanisms 2
Totem 13	Secondary hypertension 2
Totem 14	Kidney 2

**35th European Meeting on Hypertension
and Cardiovascular Protection**

ESH Gdańsk
2026

INNOVATIONS
IN CARDIOMETABOLIC MANAGEMENT

MAY 28-31, 2026 — Gdańsk Amber Expo

The congress will be promoted through a vibrant and interactive stand, where visitors will be able to live a real Gdańsk's Experience:

- ✓ Watch interview from the Key Opinion Leaders and video teaser of the city
- ✓ Collect the ESH 2026 gadget
- ✓ Take a virtual bike ride through Gdańsk's cycling paths (VR-powered!)
- ✓ Grab some Gdańsk-themed gadgets
- ✓ Taste typical Gdańsk-style cream-filled waffles
- ✓ Test knowledge in a fun city quiz



SAVE THE DATE

