

### ISSUE @ A GLANCE



Unanswered questions in hypertension: prematurity and long-term trajectories, masked and white coat hypertension

T.F. Lüscher

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### CardioPulse

Corneille Heymans (1892-1968)

J. Ozkan

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The Institute of Cardiovascular Regeneration

S. Dimmeler and K. Schulenburg

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Zurich International Symposium on Arrhythmogenic Cardiomyopathies

F. Duru and C. Brunckhorst

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Recipient of the 2019 Zurich Arrhythmogenic Right Ventricular Cardiomyopathy (ARVC) Research Prize in Basic Science

F. Duru and C. Brunckhorst

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The recipient of the 2019 Zurich ARVC Research Prize in Clinical Science

F. Duru and C. Brunckhorst

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Norman K. Hollenberg, MD PhD (1936-2020)

M. Epstein

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### CLINICAL RESEARCH

#### Hypertension

Risk of hypertension into adulthood in persons born prematurely: a national cohort study

C. Crump, J. Sundquist, and K. Sundquist

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#### Editorial

Early birth affects vascular function

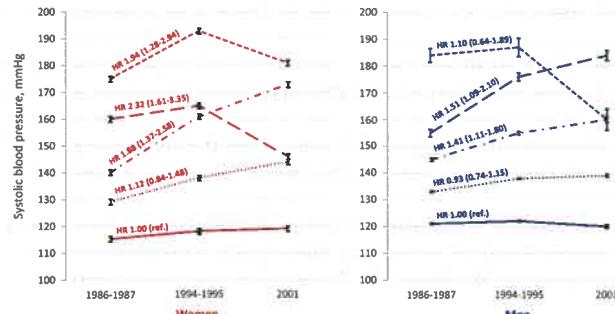
M. Kelm

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#### Long-term blood pressure trajectories and incident atrial fibrillation in women and men: the Tromsø Study

E. Sharashova, T. Wilsgaard, J. Ball, B. Morseth, E. Gerdts, L.A. Hopstock, E.B. Mathiesen, H. Schirmer, and M.-L. Løchen

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#### Editorial

Longitudinal, long-term evaluation of new-onset atrial fibrillation: the interplay of blood pressure burden over time and gender

D.C. Shah

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Limited reproducibility of MUCH and WUCH: evidence from the ELSA study

G. Mancia, R. Facchetti, C. Cuspidi, M. Bombelli, G. Corrao, and G. Grassi

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#### Editorial

Poor reproducibility of masked and white coat uncontrolled hypertension: important new information on MUCH and WUCH

S.E. Kjeldsen and I. Os

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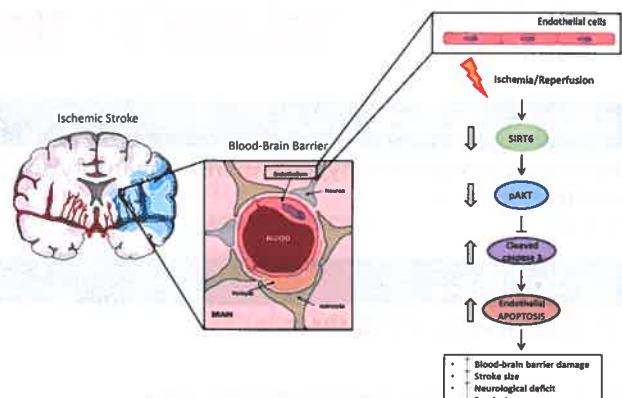
## BASIC SCIENCE

### Pathophysiology

#### Endothelial SIRT6 blunts stroke size and neurological deficit by preserving blood-brain barrier integrity: a translational study

L. Liberale, D.S. Gaul, A. Akhmedov, N.R. Bonetti, V. Nageswaran, S. Costantino, J. Pahla, J. Weber, V. Fehr, D. Vdovenko, A. Semerano, G. Giacalone, G.A. Kullak-Ublick, M. Sessa, U. Eriksson, F. Paneni, F. Ruschitzka, F. Montecucco, J.H. Beer, T.F. Lüscher, C.M. Matter, and G.G. Camici

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## CURRENT OPINION

### Hypertension

#### Proceedings from the 3rd European Clinical Consensus Conference for clinical trials in device-based hypertension therapies

F. Mahfoud, M. Azizi, S. Ewen, A. Pathak, C. Ukena, P.J. Blankestijn, M. Böhm, M. Burnier, G. Chatellier, I. Durand Zaleski, G. Grassi, M. Joner, D.E. Kandzari, A. Kirtane, S.E. Kjeldsen, M.D. Lobo, T.F. Lüscher, J.W. McEvoy, G. Parati, P. Rossignol, L. Ruilope, M.P. Schlaich, A. Shahzad, F. Sharif, A.S.P. Sharp, H. Sievert, M. Volpe, M.A. Weber, R.E. Schmieder, C. Tsiofiris, and W. Wijns

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## EDITOR'S NOTE

### The Hygia trial: Discussions about surprising results

T.F. Lüscher

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## DISCUSSION FORUM

### Chrono-pharmacological effects of antihypertensive drugs

S. Şen, M. Kaşkal, and Y. Üresin

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### Improved reduction of cardiovascular risk by bedtime ingestion of ARB and ACEI medication class therapies

R.C. Hermida, J.J. Crespo, and M. Domínguez-Sardina; for the Hygia Chronotherapy Trial Investigators

1602

### Is bedtime treatment appropriate for all hypertensive patients?

C. Sánchez-Sánchez, C. López-Caballero, I. Contreras, B. Puerto, and Z. Blazquez-Bermejo

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### Chronotherapy of hypertension, asleep ambulatory blood pressure, and glaucoma

R.C. Hermida, J.R. Fernández, and A. Mojón; for the Hygia Project Investigators

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### Chronotherapy in hypertension: the devil is in the details

G. Guthrie; on behalf of the TIME study Steering Committee (N. Poulter, T. Macdonald, I. Ford, I. Mackenzie, E. Findlay, B. Williams, M. Brown, C. Lang, and D. Webb)

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### Comparing the design of the primary-care based Hygia Chronotherapy Trial and the Internet-Based TIME Study

R.C. Hermida, A. Mojón, and J.R. Fernández; for the Hygia Project Investigators

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## CARDIOVASCULAR FLASHLIGHTS

Dysphagia caused by giant left atrium

X. Xie, Q. Xiong, and F. Yu

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A foreign body piercing the heart

J. Tan, X. Wei, Q. Zhang, and L. Qiu

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Neoplastic cardiac tamponade in a pregnant woman

K. Aznaouridis, G. Lazaros, D. Tousoulis, and K. Toutouzas

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## EXPRESSION OF CONCERN

Relates to: Bedtime Hypertension Treatment Improves Cardiovascular Risk Reduction: Hygia

Chronotherapy Trial

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