

2024

Recalled body silhouette trajectories over the lifespan and oral conditions in adulthood: A cross-sectional analysis of the Paris Prospective Study 3.

Saade Y, Deraz O, Chatzopoulou E, Rangé H, Boutouyrie P, Perier MC, Guibout C, Thomas F, Danchin N, Jouven X, Bouchard P, Empana JP

Community Dent Oral Epidemiol 2024 Aug;52(4):518-526. doi: 10.1111/cdoe.12946.

2023

Healthy sleep score changes and incident cardiovascular disease in European prospective community-based cohorts

Aboubakari Nambiema, Quentin Lisan, Julien Vaucher, Marie-Cecile Perier, Pierre Boutouyrie, Nicolas Danchin, Frédérique Thomas, Catherine Guibout, Geoffroy Solelhac, Raphael Heinzer, Xavier Jouven, Pedro Marques-Vidal, Jean-Philippe Empana

European Heart Journal Eur Heart J. 2023;44:4968-4978. doi: 10.1093/eurheartj/ehad657.

Obstructive sleep apnea, circulating microRNAs, and risk of cardiovascular disease.

Lisan Q, Marques-Vidal P, Hausler N, Danchin N, Boutouyrie P, Asselin A, Jouven X, Heinzer R, Empana JP. Sleep Med. 2023;9:1-3. doi: 10.1016/j.sleep.2023.06.006.

2022

Ultrasensitive Troponin I and Incident Cardiovascular Disease.

Empana JP, Lerner I, Perier MC, Guibout C, Jabre P, Bailly K, Andrieu M, Climie R, van Sloten T, Vedié B, Geromin D, Marijon E, Thomas F, Danchin N, Boutouyrie P, Jouven X.

Arteriosclerosis Thrombosis Vascular Biology (ATVB) Arterioscler Thromb Vasc Biol.

2022;42:1471-1481. doi: 10.1161/ATVBAHA.122.317961. Epub 2022 Nov 3.

Identification of risk loci for primary aldosteronism in genome-wide association studies

Edith Le Flach, Teresa Cosentino, Casper K Larsen, Felix Beuschlein, Martin Reincke, Laurence Amar, Gian-Paolo Rossi, Kelly De Sousa, Stéphanie Baron, Sophie Chantalat, Benjamin Saintpierre, Livia Lenzini, Arthur Frouin, Isabelle Giscos-Douriez, Matthias Ferey, Alaa B Abdellatif, Tchao Meatchi, Jean-Philippe Empana, Xavier Jouven, Christian Gieger, Melanie Waldenberger, Annette Peters, Daniele Cusi, Erika Salvi, Pierre Menetton, Mathilde Touvier, Mélanie Deschasaux, Nathalie Druesne-Pecollo, Sheeraz Boulkroun, Fabio L Fernandes-Rosa, Jean-François Deleuze, Xavier Jeunemaitre, Maria-Christina Zennaro
Nature Communications 13(1):5198.

Oral Condition and Incident Coronary Heart Disease: A Clustering Analysis

Deraz O, Rangé H, Boutouyrie P, Chatzopoulou E, Asselin A, Guibout C, Van Sloten T, Bougouin W, Andrieu M, Vedié B, Thomas F, Danchin N, Jouven X, Bouchard P, Empana JP

J Dent Res 101(5):526-533

2021

Microvascular Contribution to Late-Onset Depression: Mechanisms, Current Evidence, Association With Other Brain Diseases, and Therapeutic Perspectives

Empana JP, Boutouyrie P, Lemogne C, Jouven X, van Sloten TT

Biological Psychiatry 90(4):214-225 (Invited review)

Sleep Apnea is Associated With Accelerated Vascular Aging: Results From 2 European Community-Based Cohort Studies

Lisan Q, van Sloten T, Boutouyrie P, Laurent S, Danchin N, Thomas F, Guibout C, Perier MC, Dagnelie P, Henry RM, Schram MT, Heinzer R, Marques-Vidal P, van der Kallen CJ, Crijns HJ, van Greevenbroek M, Reesink K, Köhler S, Sastry M, Jouven X, Stehouwer CDA, Empana JP
J Am Heart Assoc 10(15):e021318

Poor Masticatory Capacity and Blood Biomarkers of Elevated Cardiovascular Disease Risk in the Community: The Paris Prospective Study III

Chatzopoulou E, Rangé H, Deraz O, Boutouyrie P, Perier MC, Guibout C, Thomas F, Andrieu M, Bailly K, Vedie B, Danchin N, Jouven X, Bouchard P, Empana JP
Arteriosclerosis Thrombosis Vascular Biology (ATVB) 41(7):2225-2232

Genome-wide association analysis in dilated cardiomyopathy reveals two new players in systolic heart failure on chromosomes 3p25.1 and 22q11.23

Garnier S, Harakalova M, Weiss S, Mokry M, Regitz-Zagrosek V, Hengstenberg C, Cappola TP, Isnard R, Arbustini E, Cook SA, van Setten J, Calis JJA, Hakonarson H, Morley MP, Stark K, Prasad SK, Li J, O'Regan DP, Grasso M, Müller-Nurasyid M, Meitingen T, Empana JP, Strauch K, Waldenberger M, Marguiles KB, Seidman CE, Kararigas G, Meder B, Haas J, Boutouyrie P, Lacolley P, Jouven X, Erdmann J, Blankenberg S, Wichter T, Ruppert V, Tavazzi L, Dubourg O, Roizes G, Dorent R, de Groote P, Fauchier L, Trochu JN, Aupetit JF, Bilinska ZT, Germain M, Völker U, Hemerich D, Raji I, Bacq-Daian D, Proust C, Remiort P, Gomez-Bueno M, Lehnert K, Maas R, Olaso R, Saripella GV, Felix SB, McGinn S, Duboscq-Bidot L, van Mil A, Besse C, Fontaine V, Blanché H, Ader F, Keating B, Curjol A, Boland A, Komajda M, Cambien F, Deleuze JF, Dörr M, Asselbergs FW, Villard E, Trégouët DA, Charron P
Eur heart Journal 42(20):2000-2011

2020

Sleep apnoea is associated with hearing impairment: The Paris prospective study 3

Lisan Q, van Sloten T, Climie RE, Boutouyrie P, Guibout C, Thomas F, Danchin N, Jouven X, Empana JP
Clin Oryntol 45(5):681-686

Depression, antidepressants and low hemoglobin level in the Paris Prospective Study III: A cross-sectional analysis

Vulser H, Lemogne C, Boutouyrie P, Côté F, Perier MC, Van Sloten T, Hoertel N, Danchin N, Limosin F, Jouven X, Empana JP
Preventive Medecine 135:106050

Chewing capacity and ideal cardiovascular health in adulthood: A cross-sectional analysis of a population-based cohort study

Rangé H, Perier MC, Boillot A, Offredo L, Lisan Q, Guibout C, Thomas F, Danchin N, Boutouyrie P, Jouven X, Bouchard P, Empana JP
Clinical Nutrition 39(5):1440-1446

Type 2 Diabetes Mellitus Is Independently Associated With Decreased Neural Baroreflex Sensitivity: The Paris Prospective Study III

Cseh D, Climie RE, Offredo L, Guibout C, Thomas F, Zanolli L, Danchin N, Sharman JE, Laurent S, Jouven X, Boutouyrie P, Empana JP
Arteriosclerosis Thrombosis Vascular Biology (ATVB) 40(5):1420-1428

2019

Association Between Occupational, Sport, and Leisure Related Physical Activity and Baroreflex Sensitivity: The Paris Prospective Study III

Climie RE, Boutouyrie P, Perier MC, Chaussade E, Plichart M, Offredo L, Guibout C, van Sloten TT, Thomas F, Pannier B, Sharman JE, Laurent S, Jouven X, Empana JP
Hypertension74(6):1476-1483

Association of Hearing Impairment with Incident Depressive Symptoms: A Community-Based Prospective Study

Lisan Q, van Sloten TT, Lemogne C, Offredo L, Climie RE, Boutouyrie P, Guibout C, Thomas F, Danchin N, Jouven X, Empana JP
Am J Med132(12):1441-1449

Cardiovascular health and sleep disturbances in two population-based cohort studies

Hausler N, Lisan Q, Van Sloten T, Haba-Rubio J, Perier MC, Thomas F, Danchin N, Guibout C, Boutouyrie P, Heinzer R, Jouven X, Marques-Vidal P, Empana JP
Heart105(19):1500-1506

Individual and Neighborhood Deprivation and Carotid Stiffness

Climie RE, Boutouyrie P, Perier MC, Guibout C, van Sloten TT, Thomas F, Danchin N, Sharman JE, Laurent S, Jouven X, Empana JP
Hypertension73(6):1185-1194

Increased carotid stiffness and remodelling at early stages of chronic kidney disease

Zanolli L, Empana JP, Perier MC, Alivon M, Ketthab H, Castellino P, Laude D, Thomas F, Pannier B, Laurent S, Jouven X, Boutouyrie P
J Hypertension37(6):1176-1182

A large-scale exome array analysis of venous thromboembolism

Lindström S, Brody JA, Turman C, Germain M, Bartz TM, Smith EN, Chen MH, Puurunen M, Chasman D, Hassler J, Pankratz N, Basu S, Guan W, Gyorgy B, Ibrahim M, Empana JP, Olaso R, Jackson R, Braekkan SK, McKnight B, Deleuze JF, O'Donnell CJ, Jouven X, Frazer KA, Psaty BM, Wiggins KL, Taylor K, Reiner AP, Heckbert SR, Kooperberg C, Ridker P, Hansen JB, Tang W, Johnson AD, Morange PE, Trégouët DA, Kraft P, Smith NL, Kabrhel C; INVENT Consortium
Genetic Epidemiol43(4):449-457

Carotid Artery Stiffness and Incident Depressive Symptoms: The Paris Prospective Study III

Van Sloten TT, Boutouyrie P, Tafflet M, Offredo L, Thomas F, Guibout C, Climie RE, Lemogne C, Pannier B, Laurent S, Jouven X, Empana JP
Biological Psychiatry85(6):498-505

Body Silhouette Trajectories Over the Lifespan and Insomnia Symptoms: The Paris Prospective Study 3

Lisan Q, Tafflet M, Thomas F, Boutouyrie P, Guibout C, Haba-Rubio J, Climie R, Périer MC, Van Sloten T, Pannier B, Marques-Vidal P, Jouven X, Empana JP
Sci Report9(1):1581

Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection

Adlam D, Olson TM, Combaret N, Kovacic JC, Iismaa SE, Al-Hussaini A, O'Byrne MM, Bouajila S, Georges A, Mishra K, Braund PS, d'Escamard V, Huang S, Margaritis M, Nelson CP, de Andrade M, Kadian-Dodov D, Welch CA, Mazurkiewicz S, Jeunemaitre X; DISCO Consortium, Wong CMY, Giannoulatou E, Sweeting M, Muller D, Wood A, McGrath-Cadell L, Fatkin D, Dunwoodie SL, Harvey R, Holloway C, Empana JP, Jouven X; CARDIoGRAMPlusC4D Study Group, Olin JW, Gulati R, Tweet MS, Hayes SN, Samani NJ, Graham RM, Motreff P, Bouatia-Naji N J Am Coll Cardiol73(1):58-66

2018

Body Silhouette Trajectories Across the Lifespan and Vascular Aging

Van Sloten TT, Boutouyrie P, Lisan Q, Tafflet M, Thomas F, Guibout C, Climie RE, Pannier B, Sharman JE, Laurent S, Jouven X, Empana JP

*Hypertension*72(5):1095-1102

Perceived stress is inversely related to ideal cardiovascular health: The Paris Prospective Study III

Poirat L, Gaye B, Perier MC, Thomas F, Guibout C, Climie RE, Offredo L, Tafflet M, Lemogne C, Pannier B, Boutouyrie P, Jouven X, Empana JP

*Int J Cardiol*270:312-318

Self-reported body silhouette trajectories across the lifespan and excessive daytime sleepiness in adulthood: a retrospective analysis. The Paris Prospective Study III

Lisan Q, Tafflet M, Charles MA, Thomas F, Boutouyrie P, Guibout C, Haba-Rubio J, Périer MC, Pannier B, Marques-Vidal P, Jouven X, Empana JP

*BMJ Open*8(3):e020851

Impaired baroreflex sensitivity, carotid stiffness, and exaggerated exercise blood pressure: a community-based analysis from the Paris Prospective Study III

Sharman JE, Boutouyrie P, Perier MC, Thomas F, Guibout C, Khettab H, Pannier B, Laurent S, Jouven X, Empana JP

*Eur heart Journal*39(7):599-606

Association between individual and neighbourhood socioeconomic factors and masticatory efficiency: a cross-sectional analysis of the Paris Prospective Study 3

Boillot A, Jouven X, Rangé H, Perier MC, Thomas F, Guibout C, Pannier B, Boutouyrie P, Empana JP, Bouchard P

*J Epidemiol Community Health*72(2):132-139

2017

Sex disparities in ideal cardiovascular health

Simon M, Boutouyrie P, Narayanan K, Gaye B, Tafflet M, Thomas F, Guibout C, Périer MC, Pannier B, Jouven X, Empana JP

*Heart*103(20):1595-1601

Exome-wide association study reveals novel susceptibility genes to sporadic dilated cardiomyopathy

Esslinger U, Garnier S, Korniat A, Proust C, Kararigas G, Müller-Nurasyid M, Empana JP, Morley MP, Perret C, Stark K, Bick AG, Prasad SK, Kriebel J, Li J, Tiret L, Strauch K, O'Regan DP, Marguiles KB, Seidman JG, Boutouyrie P, Lacolley P, Jouven X, Hengstenberg C, Komajda M, Hakonarson H, Isnard R, Arbustini E, Grallert H, Cook SA, Seidman CE, Regitz-Zagrosek V, Cappola TP, Charron P, Cambien F, Villard E

*PloS One*12(3):e0172995

2016

Cross-sectional analysis of deprivation and ideal cardiovascular health in the Paris Prospective Study 3

Empana JP, Perier MC, Singh-Manoux A, Gaye B, Thomas F, Prugger C, Plachart M, Wiernik E, Guibout C, Lemogne C, Pannier B, Boutouyrie P, Jouven X

*Heart*102(23):1890-1897

PHACTR1 Is a Genetic Susceptibility Locus for Fibromuscular Dysplasia Supporting Its Complex Genetic Pattern of Inheritance

Kiando SR, Tucker NR, Castro-Vega LJ, Katz A, D'Escamard V, Tréard C, Fraher D, Albuisson J, Kadian-Dodov D, Ye Z, Austin E, Yang ML, Hunker K, Barlassina C, Cusi D, Galan P, Empana JP, Jouven X, Gimenez-Roqueplo AP, Bruneval P, Hyun Kim ES, Olin JW, Gornik HL, Azizi M, Plouin PF, Ellinor PT, Kullo IJ, Milan DJ, Ganesh SK, Boutouyrie P, Kovacic JC, Jeunemaitre X, Bouatia-Naji N

PloS Genet12(10):e1006367

Perceived stress, common carotid intima media thickness and occupational status: The Paris Prospective Study III

Wiernik E, Lemogne C, Thomas F, Perier MC, Guibout C, Nabi H, Laurent S, Pannier B, Boutouyrie P, Jouven X, Empana JP

Int J Cardiol221:1025-30

Ideal Cardiovascular Health and Subclinical Markers of Carotid Structure and Function: The Paris Prospective Study III

Gaye B, Mustafic H, Laurent S, Perier MC, Thomas F, Guibout C, Tafflet M, Pannier B, Boutouyrie P, Jouven X, Empana JP

Arteriosclerosis Thrombosis Vascular Biology (ATVB)36(10):2115-24

Serotonin and norepinephrine reuptake inhibitors antidepressant use is related to lower baroreflex sensitivity independently of the severity of depressive symptoms. A community-study of 9213 participants from the Paris Prospective Study III

Empana JP, Prugger C, Thomas F, Perier MC, Zanolli L, Castiglioni P, Guibout C, Causeret S, Barnes C, Lemogne C, Parati G, Laurent S, Pannier B, Boutouyrie P, Jouven X.

Atherosclerosis251:55-62

High level of depressive symptoms as a barrier to reach an ideal cardiovascular health. The Paris Prospective Study III

B Gaye, C Prugger, M C Perier, F Thomas, M Plichart , C Guibout , C Lemogne , B Pannier , P Boutouyrie, X Jouven, J P Empana

Nature Sci Report2016 Jan 8:6:18951. doi: 10.1038/srep18951.

2015

The Neural Baroreflex Pathway in Subjects With Metabolic Syndrome: A Sub-Study of the Paris Prospective Study III

Zanolli L, Empana JP, Estrugo N, Escriou G, Kethab H, Pruny JF, Castellino P, Laude D, Thomas F, Pannier B, Jouven X, Boutouyrie P, Laurent S

Medicine95(2):e2472

Contribution of Rare and Common Genetic Variants to Plasma Lipid Levels and Carotid Stiffness and Geometry: A Substudy of the Paris Prospective Study 3

Proust C, Empana JP, Boutouyrie P, Alivon M, Challande P, Danchin N, Escriou G, Esslinger U, Laurent S, Li Z, Pannier B, Regnault V, Thomas F, Jouven X, Cambien F, Lacolley P

Circ Cardiov Genetics8(4):628-36

2014

Establishing reference values for central blood pressure and its amplification in a general healthy population and according to cardiovascular risk factors

Herbert A, Cruickshank JK, Laurent S, Boutouyrie P; Reference Values for Arterial Measurements Collaboration

Eur Heart Journal35(44):3122-33

2013

Reference intervals for common carotid intima-media thickness measured with echotracking: relation with risk factors

Engelen L, Ferreira I, Stehouwer CD, Boutouyrie P, Laurent S; Reference Values for Arterial Measurements Collaboration

Eur heart Journal34(30):2368-80

2011

Paris Prospective Study III: a study of novel heart rate parameters, baroreflex sensitivity and risk of sudden death

Empana JP, Bean K, Guibout C, Thomas F, Bingham A, Pannier B, Boutouyrie P, Jouven X, PPS3 Study Group

Eur J Epidemiol26(11):887-92