

Equipe Vieillissement – Axe ARTERRE

Equipe constitutive du CERPOP, UMR1295, unité mixte INSERM - Université Toulouse III

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ARTERRE - Evaluation du risque et du traitement de l'Athérosclérose : vers l'épidémiologie de la réduction des risques

Publications 2020

1. Aissaoui N, Puymirat E, Delmas C, Ortuno S, Durand E, **Bataille V**, Drouet E, Bonello L, Bonnefoy-Cudraz E, Lesmeles G, Guerot E, Schiele F, Simon T, Danchin N. Trends in cardiogenic shock complicating acute myocardial infarction. *Eur J Heart Fail.* 2020;22(4):664-672. doi:10.1002/ejhf.1750.
2. Al-Salameh A, Danchin N, Verstuyft C, Kotti S, Puymirat E, **Ferrières J**, Schiele F, Coste P, Lemesle G, Cayla G, Becquemont L, Simon T. Association between rs4149056 variant in SLCO1B1 and early discontinuation of statin after acute myocardial infarction. *Pharmacogenomics.* 2020;21(3):163–172. doi:10.2217/pgs-2019-0109.
3. **Bérard E, Huo Yung Kai S, Coley N, Bongard V, Ferrières J.** Lockdown-related factors associated with the worsening of cardiovascular risk and anxiety or depression during the COVID-19 pandemic. *Prev Med Rep.* 2020 Dec 28;21:101300. doi: 10.1016/j.pmedr.2020.101300.
4. Blacher J, Gabet A, Vallée A, **Ferrières J**, Bruckert E, Farnier M, Olié V. Prevalence and management of hypercholesterolemia in France, the Esteban observational study. *Medicine (Baltimore).* 2020 Dec 11;99(50):e23445. doi: 10.1097/MD.00000000000023445.
5. Blaise S, Boulon C, Mangin M, Senet P, Lazareth I, Imbert B, **Lapébie FX**, Lacroix P, Constans J, Carpentier P. Finger Systolic Blood Pressure Index (FBPI) measurement: a useful tool for the evaluation of arterial disease in patients with systemic sclerosis. *Arthritis Care Res (Hoboken).* 2020 Dec 5. doi: 10.1002/acr.24527.
6. **Bouisset F**, Barbato E, Reczuch K, Dobrzycki S, Meyer-Gessner M, Bressollette E, Cayla G, Lhermusier T, Zajdel W, Palazuelos Molinero J, Ferenc M, Ribichini FL, Carrié D. Clinical outcomes of PCI with rotational atherectomy: the European multicentre Euro4C registry. *EuroIntervention.* 2020 Jul 17;16(4):e305-e312. doi: 10.4244/EIJ-D-19-01129.
7. **Bouisset F, Ribichini F, Bataille V**, Reczuch K, Dobrzycki S, Meyer-Gessner M, Bressollette E, Zajdel W, Faurie B, Mezilis N, Palazuelos J, Spedicato L, Valdés M, Vaquerizo B, Ferenc M, Cayla G, Barbato E, Carrié D; Euro4C Registry Investigators. Effect of Sex on Outcomes of Coronary Rotational Atherectomy Percutaneous Coronary Intervention (From the European Multicenter Euro4C Registry). *Am J Cardiol.* 2021 Mar 15;143:29-36. doi: 10.1016/j.amjcard.2020.12.040.
8. **Bouisset F, Ruidavets JB, Bongard V**, Taraszkiewicz D, Bérard E, Galinier M, Carrié D, Elbaz M, **Ferrières J**. Long-term Prognostic Impact of Physical Activity in Patients With Stable Coronary Heart Disease. *Am J Cardiol.* 2020;125(2):176–18 doi:10.1016/j.amjcard.2019.10.017.
9. Buonvino C, Chopard R, Guillou B, Puymirat E, Farnier M, **Ferrières J**, Krempf M, Bruckert E, Meneveau N, Schiele F. An innovative lipid-lowering approach to enhance attainment of low-density lipoprotein cholesterol goals [published online ahead of print, 2020 May 4]. *Eur Heart J Acute Cardiovasc Care.* 2020;2048872620912639. doi:10.1177/2048872620912639.
10. Cameron AJ, Romaniuk H, Orellana L, Dallongeville J, Dobson AJ, Drygas W, Ferrario M, **Ferrières J**, Giampaoli S, Gianfagna F, Iacoviello L, Jousilahti P, Kee F, Moitry M, Niiranen TJ, Pajak A, Palmieri L, Palosaari T, Satu M, Tamosiunas A, Thorand B, Toft U, Vanuzzo D, Veikko S, Veronesi G, Wilsgaard T, Kuulasmaa K, Söderberg S. Combined Influence of Waist and Hip Circumference on Risk of Death in a Large Cohort of

- European and Australian Adults. *J Am Heart Assoc.* 2020 Jul 7;9(13):e015189. doi: 10.1161/JAHA.119.015189.
- 11. Capel F, **Bongard V**, Malpuech-Brugère C, Karoly E, Michelotti GA, Rigaudière JP, Jouve C, **Ferrières J**, Marmonier C, Sébédio JL. Metabolomics reveals plausible interactive effects between dairy product consumption and metabolic syndrome in humans. *Clin Nutr.* 2020 May;39(5):1497-1509. doi: 10.1016/j.clnu.2019.06.013.
 - 12. Carles C, **Esquirol Y**, Turuban M, Piel C, Migault L, Pouchieu C, Bouvier G, Fabbro-Peray P, Lebailly P, Baldi I. Residential proximity to power lines and risk of brain tumor in the general population. *Environ Res.* 2020;185:109473. doi:10.1016/j.envres.2020.109473.
 - 13. Coudene A, **Lapébie FX**, Desormais I, Lacroix P, Aurillac V, Mangin M, Aboyans V, Bura-Rivière A, Messas E, Constans J, Boulon C. Evolution of Major Amputation Risk in Patients Hospitalized in France for Critical Limb Ischemia: The COPART Registry. *Angiology.* 2020 Dec 3:3319720976823. doi: 10.1177/0003319720976823.
 - 14. Charpentier S, Galinski M, Bounes V, Ricard-Hibon A, El-Khoury C, Elbaz M, Ageron FX, Manzo-Silberman S, Soulard L, Lapostolle F, Gérard A, Bregeaud D, **Bongard V**, Bonnefoy-Cudraz E, SCADOL II investigators. Nitrous oxide/oxygen plus acetaminophen versus morphine in ST elevation myocardial infarction: open-label, cluster-randomized, non-inferiority study. *Scand J Trauma Resusc Emerg Med.* 2020;28(1):36. doi:10.1186/s13049-020-00731-y.
 - 15. Danchin N, Farnier M, Zeller M, Puymirat E, Cottin Y, Belle L, Lemesle G, Cayla G, Ohlmann P, Jacquemin L, Perret T, Angoulvant D, Albert F, **Ferrières J**, Schiele F, Simon T. FAST-MI investigators. Long-term outcomes after acute myocardial infarction in patients with familial hypercholesterolemia: The French registry of Acute ST-elevation and non-ST-elevation Myocardial Infarction program. *J Clin Lipidol.* 2020;14(3):352-360.e6. doi:10.1016/j.jacl.2020.03.008.
 - 16. Danchin N, Popovic B, Puymirat E, Goldstein P, Belle L, Cayla G, Roubille F, Lemesle G, **Ferrières J**, Schiele F, Simon T; FAST-MI Investigators. Five-year outcomes following timely primary percutaneous intervention, late primary percutaneous intervention, or a pharmacoinvasive strategy in ST-segment elevation myocardial infarction: the FAST-MI programme. *Eur Heart J.* 2020;41(7):858-86 doi:10.1093/eurheartj/ehz665.
 - 17. Delmas C, **Bouisset F**, Lairez O. COVID-19 pandemic: no increase of takotsubo syndrome occurrence despite high-stress conditions. *ESC Heart Fail.* 2020 Oct;7(5):2143-2145. doi: 10.1002/ehf2.12871.
 - 18. Desjobert E, Tea V, Schiele F, **Ferrières J**, Simon T, Danchin N, Puymirat E; FAST-MI investigators. Clinical outcomes with high-intensity statins according to atherothrombotic risk stratification after acute myocardial infarction: The FAST-MI registries. *Arch Cardiovasc Dis.* 2020 Sep 30:S1875-2136(20)30188-1. doi: 10.1016/j.acvd.2020.06.003. Epub ahead of print.
 - 19. Duparc T, **Ruidavets JB**, Genoux A, Ingueneau C, Najib S, **Ferrières F**, Perret B, Martinez LO. Serum level of HDL particles are independently associated with long-term prognosis in patients with coronary artery disease: The GENES study. *Sci Rep.* 2020;10(1):8138. Published 2020 May 18. doi:10.1038/s41598-020-65100-2.
 - 20. Dutheil F, Duclos M, **Esquirol Y**. Editorial: Sedentary Behaviors at Work. *Front Public Health.* 2020;8:57.10. doi:10.3389/fpubh.2020.00057.
 - 21. Dutheil F, **Esquirol Y**, Navel V. Will the COVID-19 pandemic decrease the FatMax? *J Appl Physiol (1985).* 2020 Jul 1;129(1):1. doi: 10.1152/japplphysiol.00380.2020.
 - 22. Elenizi K, **Matta A**, Alharthi R, Campelo-Parada F, Lhermusier T, **Bouisset F**, Elbaz M, Carrié D, Roncalli J. Incidental discovery of right ventricular lipoma in a young female associated with ventricular hyperexcitability: An imaging multimodality approach. *World J Cardiol.* 2020 May 26;12(5):220-227. doi: 10.4330/wjc.v12.i5.220.

23. Elsayhoryi NA, Neville CE, Patterson CC, Linden GJ, Moitry M, Biasch K, Kee F, Amouyel P, **Bongard V**, Dallongeville J, **Ferrières J**, Woodside JV. Association between overall fruit and vegetable intake, and fruit and vegetable sub-types and blood pressure: the PRIME study (Prospective Epidemiological Study of Myocardial Infarction). *Br J Nutr.* 2020 May;4:1-11. doi: 10.1017/S0007114520001518. Epub ahead of print.
24. Erzurumluoglu AM, Liu M, Jackson VE, Barnes DR, Datta G, Melbourne CA, Young R, Batini C, Surendran P, Jiang T, Adnan SD, Afaq S, Agrawal A, Altmaier E, Antoniou AC, Asselbergs FW, Baumbach C, Bierut L, Bertelsen S, Boehnke M, Bots ML, Brazel DM, Chambers JC, Chang-Claude J, Chen C, Corley J, Chou YL, David SP, de Boer RA, de Leeuw CA, Dennis JG, Dominiczak AF, Dunning AM, Easton DF, Eaton C, Elliott P, Evangelou E, Faul JD, Foroud T, Goate A, Gong J, Grabe HJ, Haessler J, Haiman C, Hallmans G, Hammerschlag AR, Harris SE, Hattersley A, Heath A, Hsu C, Iacono WG, Kanoni S, Kapoor M, Kaprio J, Kardia SL, Karpe F, Kontto J, Kooperberg C, Kuulasmaa K, Laakso M, Lai D, Langenberg C, Le N, Lettre G, Loukola A, Luan J, Madden PAF, Mangino M, Marioni RE, Marouli E, Marten J, Martin NG, McGue M, Michailidou K, Mihailov E, Moayyeri A, Moitry M, Müller-Nurasyid M, Naheed A, Nauck M, Neville MJ, Nielsen SF, North K, Perola M, Pharoah PDP, Pistis G, Polderman TJ, Posthuma D, Poulter N, Qaiser B, Rasheed A, Reiner A, Renström F, Rice J, Rohde R, Rolandsson O, Samani NJ, Samuel M, Schlessinger D, Scholte SH, Scott RA, Sever P, Shao Y, Shrine N, Smith JA, Starr JM, Stirrups K, Stram D, Stringham HM, Tachmazidou I, Tardif JC, Thompson DJ, Tindle HA, Tragante V, Trompet S, Turcot V, Tyrrell J, Vaartjes I, van der Leij AR, van der Meer P, Varga TV, Verweij N, Völzke H, Wareham NJ, Warren HR, Weir DR, Weiss S, Wetherill L, Yaghootkar H, Yavas E, Jiang Y, Chen F, Zhan X, Zhang W, Zhao W, Zhou K, Amouyel P, Blankenberg S, Caulfield MJ, Chowdhury R, Cucca F, Deary IJ, Deloukas P, Di Angelantonio E, Ferrario M, **Ferrières J**, Franks PW, Frayling TM, Frossard P, Hall IP, Hayward C, Jansson JH, Jukema JW, Kee F, Männistö S, Metspalu A, Munroe PB, Nordestgaard BG, Palmer CNA, Salomaa V, Sattar N, Spector T, Strachan DP; Understanding Society Scientific Group, EPIC-CVD, GSCAN, Consortium for Genetics of Smoking Behaviour, CHD Exome+ consortium, van der Harst P, Zeggini E, Saleheen D, Butterworth AS, Wain LV, Abecasis GR, Danesh J, Tobin MD, Vrieze S, Liu DJ, Howson JMM. Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. *Mol Psychiatry.* 2020 Oct;25(10):2392-2409. doi: 10.1038/s41380-018-0313-0.
25. Fagot J, **Bouisset F**, Bonello L, Biendel C, Lhermusier T, Porterie J, Roncalli J, Galinier M, Elbaz M, Lairez O, Delmas C. Early Evaluation of Patients on Axial Flow Pump Support for Refractory Cardiogenic Shock is Associated with Left Ventricular Recovery. *J Clin Med.* 2020 Dec 21;9(12):4130. doi: 10.3390/jcm9124130.
26. Ferré F, Viarnes M, Martin C, Bosch L, **Bouisset F**, Lhermusier T, Reina N, Lairez O, Minville V. Is preoperative balloon aortic valvuloplasty of interest for severe aortic stenosis in hip fracture surgery? *Injury.* 2020 Sep 23:S0020-1383(20)30782-8. doi: 10.1016/j.injury.2020.09.048. Epub ahead of print.
27. **Ferrières J**, Bataille V, Puymirat E, Schiele F, Simon T, Danchin N; FAST-MI investigators. Applicability of the REDUCE-IT trial to the FAST-MI registry. Are the results of randomized trials relevant in routine clinical practice? *Clin Cardiol.* 2020 Nov;43(11):1260-1265. doi: 10.1002/clc.23437.
28. **Ferrières J**, Lautsch D, Bramlage P, Horack M, Baxter CA, Ambegaonkar B, Toth PP, Poh KK, De Ferrari GM, Gitt AK. Lipid-lowering treatment and low-density lipoprotein cholesterol target achievement in patients with type 2 diabetes and acute coronary syndrome. *Arch Cardiovasc Dis.* 2020 Oct;113(10):617-629. doi: 10.1016/j.acvd.2020.05.013.
29. **Ferrières J**. The return of triglycerides and revival of omega-3 fatty acids! *Arch Cardiovasc Dis.* 2020 Jun-Jul;113(6-7):369-373. doi: 10.1016/j.acvd.2020.04.004.
30. Forné C, Subirana I, Blanch J, **Ferrières J**, Azevedo A, Meisinger C, Farmakis D, Tavazzi L, Davoli M, Ramos R, Brosa M, Marrugat J, Dégano IR; EUROTRACS Investigators. A cost-utility analysis of increasing percutaneous coronary intervention use in elderly patients with acute coronary syndromes in six European

countries. *Eur J Prev Cardiol.* 2020 Jul 20:2047487320942644. doi: 10.1177/2047487320942644. Epub ahead of print.

31. Galinier M, Roubille F, Berdague P, Brierre G, Cantie P, Dary P, Ferradou JM, Fondard O, Philip, Labarre JP, Mansourati J, Picard F, Ricci JE, Salvat M, Tariére M, **Ruidavets JB, Bongard V**, Delval C, Lancman G, Pasche H, Fernando Ramirez-Gil J, Pathak A, OSICAT Investigatorsl. Telemonitoring versus standard of care in heart failure: a randomised multicentre trial. *Eur J Heart Fail.* 2020 Jun;22(6):985-994. doi: 10.1002/ejhf.1906.
32. Gallo A, Charriere S, Vimont A, Chapman MJ, Angoulvant D, Boccardo F, Cariou B, Carreau V, Carrié A, Bruckert E, Béliard S; French REgistry of Familial hypERCHOLEsterolemia (REFERCHOL) investigators (**Ferrières J** collaborator). SAFEHEART risk-equation and cholesterol-year-score are powerful predictors of cardiovascular events in French patients with familial hypercholesterolemia. *Atherosclerosis.* 2020 Aug;306:41-49. doi: 10.1016/j.atherosclerosis.2020.06.011.
33. Genoux A, Duparc T, **Ruidavets JB**, Ingueneau C, Najib S, **Ferrières J**, Perret B, Croyal M, Martinez LO. A reference measurement of circulating ATPase inhibitory factor 1 (IF1) in humans by LC-MS/MS: Comparison with conventional ELISA. *Talanta.* 2020 Nov 1;219:121300. doi: 10.1016/j.talanta.2020.121300.
34. Hascoet S, Edouard T, Plaisancie J, Arnoult F, Milleron O, Sténeur C, Chevallier B, Zordan C, Odent S, Bal L, Faivre L, Leheup B, Dupuis-Girod S, **Ruidavets JB**, Acar P, **Ferrières J**, Jondeau G, Dulac Y. Incidence of cardiovascular events and risk markers in a prospective study of children diagnosed with Marfan syndrome. *Arch Cardiovasc Dis.* 2020;113(1):40–49. doi:1016/j.acvd.2019.09.010.
35. Jolicoeur EM, Dendukuri N, Belisle P, Range G, Souteyrand G, **Bouisset F**, Zemour G, Delarche N, Harbaoui B, Schampaert E, Kouz S, Cayla G, Roubille F, Boueri Z, Mansour S, Marcaggi X, Tardif JC, McGillion M, Tanguay JF, Brophy J, Yu CW, Berry C, Carrick D, Høfsten DE, Engstrøm T, Kober L, Kelbæk H, Belle L. Immediate vs Delayed Stenting in ST-Elevation Myocardial Infarction: Rationale and Design of the International PRIMACY Bayesian Randomized Controlled Trial. *Can J Cardiol.* 2020 Nov;36(11):1805-1814. doi: 10.1016/j.cjca.2020.01.019.
36. **Lapébie FX**, Bura-Rivière A, Lacroix P, Constans J, Boulon C, Messas E, Aboyans V, **Ferrières J, Bongard V**. Impact of angiotensin receptor blockers on mortality after hospitalization for symptomatic lower extremity artery disease. *Eur Heart J Cardiovasc Pharmacother.* 2020 Apr 9:pva026. doi: 10.1093/ehjcvp/pva026. Epub ahead of print.
37. **Lapébie FX**, Robin G, Adoue D, Bura-Rivière A, Marcheix B. Left ventricular pseudoaneurysm revealing a Behçet's disease: a case report. *Clin Exp Rheumatol.* 2020 Sep-Oct;38 Suppl 127(5):127-128. PMID: 33331266.
38. Laperche C, Lairez O, **Ferrières J**, Robin G, Gautier M, Badie YL, Lhermusier T, Boudou N, Campelo-Parada F, Roncalli J, Marcheix B, Galinier M, Elbaz M, Carrié D, **Bouisset F**. Coronary angiography in the setting of acute infective endocarditis requiring surgical treatment. *Arch Cardiovasc Dis.* 2020;113(1):50–58. doi:10.1016/j.acvd.2019.09.007.
39. Larroche J, **Panh L**, Lhermusier T, **Bataille V**, Marachet MA, Chollet T, Petermann A, **Bouisset F**, Boudou N, Marcheix B, Rousseau H, Galinier M, Carrié D, Lairez O, Lavie-Badie Y. Impact of aortic valve calcification severity on device success after transcatheter aortic valve replacement. *Int J Cardiovasc Imaging.* 2020 Apr;36(4):731-740. doi: 10.1007/s10554-019-01759-7.
40. Mach F, Baigent C, Catapano AL, Koskinas KC, Casula M, Badimon L, Chapman MJ, De Backer GG, Delgado V, Ference BA, Graham IM, Halliday A, Landmesser U, Mihaylova B, Pedersen TR, Riccardi G, Richter DJ, Sabatine MS, Taskinen MR, Tokgozoglu L, Wiklund O; ESC Scientific Document Group (**Ferrières J** collaborator). 2019 ESC/EAS Guidelines for the management of dyslipidaemias: lipid modification to reduce cardiovascular risk. *Eur Heart J.* 2020;41(1):111–188. doi:10.1093/eurheartj/ehz455.

41. **Matta A**, Elenizi K, **Bouisset F**, Roncalli J. Utility of enhanced cardiac magnetic resonance imaging in Kounis syndrome: a case report. *Eur Heart J Case Rep.* 2020 Jun 9;4(4):1-5. doi: 10.1093/ehjcr/ytaa118.
42. **Matta A**, Roncalli J, Elbaz M, Lhermusier T, Campelo-Parada F, **Bouisset F**, Elenizi K, Nader V, Carrié D. Mid-Ventricular Takotsubo Cardiomyopathy with Hawk's Beak Appearance: A Case Report. *Am J Case Rep.* 2020 Jan 2;21:e919563. doi: 10.12659/AJCR.919563.
43. **Matta A**, Taraszkiewicz D, **Bongard V**, **Ferrières J**. Ineffective Subtilisin/Kexin Type 9 (PCSK9) Inhibitors Monotherapy in Dyslipidemia with Low-Density Lipoprotein Cholesterol (LDL-C) Receptor Abnormalities: A Report of 2 Cases. *Am J Case Rep.* 2020 Sep 15;21:e923722. doi: 10.12659/AJCR.923722.
44. McKay GJ, Lyner N, Linden GJ, Kee F, Moitry M, Biasch K, Amouyel P, Dallongeville J, **Bongard V**, **Ferrières J**, Gey KF, Patterson CC, Woodside JV. Association of low plasma antioxidant levels with all-cause mortality and coronary events in healthy middle-aged men from France and Northern Ireland in the PRIME study. *Eur J Nutr.* 2020 Dec 23. doi: 10.1007/s00394-020-02455-2. Epub ahead of print.
45. Meirhaeghe A, Montaye M, Biasch K, Huo Yung Kai S, Moitry M, Amouyel P, **Ferrières J**, Dallongeville J . Coronary heart disease incidence still decreased between 2006 and 2014 in France, except in young age groups: Results from the French MONICA registries [published online ahead of print, 2020 Feb 26]. *Eur J Prev Cardiol.* 2020;2047487319899193. doi:10.1177/2047487319899193.
46. NCD Risk Factor Collaboration (NCD-RisC) (**Ferrières J**, **Bongard V** collaborator). Repositioning of the global epicentre of non-optimal cholesterol. *Nature.* 2020;582(7810):73-7 doi:10.1038/s41586-020-2338-1.
47. NCD Risk Factor Collaboration (NCD-RisC) (**Ferrières J**, **Bongard V** collaborator). Height and body-mass index trajectories of school-aged children and adolescents from 1985 to 2019 in 200 countries and territories: a pooled analysis of 2181 population-based studies with 65 million participants. *Lancet.* 2020 Nov 7;396(10261):1511-1524. doi: 10.1016/S0140-6736(20)31859-6.
48. NCD Risk Factor Collaboration. (**Ferrières J**, **Bongard V**, **Ruidavets JB** collaborators). National trends in total cholesterol obscure heterogeneous changes in HDL and non-HDL cholesterol and total-to-HDL cholesterol ratio: a pooled analysis of 458 population-based studies in Asian and Western countries. *Int J Epidemiol.* 2020 Feb 1;49(1):173-192. doi: 10.1093/ije/dyz099.
49. Surendran P, Feofanova EV, Lahrouchi N, Ntalla I, Karthikeyan S, Cook J, Chen L, Mifsud B, Yao C, Kraja AT, Cartwright JH, Hellwege JN, Giri A, Tragante V, Thorleifsson G, Liu DJ, Prins BP, Stewart ID, Cabrera CP, Eales JM, Akbarov A, Auer PL, Bielak LF, Bis JC, Braithwaite VS, Brody JA, Daw EW, Warren HR, Drenos F, Nielsen SF, Faul JD, Fauman EB, Fava C, Ferreira T, Foley CN, Franceschini N, Gao H, Giannakopoulou O, Julianini F, Gudbjartsson DF, Guo X, Harris SE, Havulinna AS, Helgadottir A, Huffman JE, Hwang SJ, Kanoni S, Kontto J, Larson MG, Li-Gao R, Lindström J, Lotta LA, Lu Y, Luan J, Mahajan A, Malerba G, Masca NGD, Mei H, Menni C, Mook-Kanamori DO, Mosen-Ansorena D, Müller-Nurasyid M, Paré G, Paul DS, Perola M, Poveda A, Rauramaa R, Richard M, Richardson TG, Sepúlveda N, Sim X, Smith AV, Smith JA, Staley JR, Stanáková A, Sulem P, Thériault S, Thorsteinsdóttir U, Trompet S, Varga TV, Velez Edwards DR, Veronesi G, Weiss S, Willems SM, Yao J, Young R, Yu B, Zhang W, Zhao JH, Zhao W, Zhao W, Evangelou E, Aeschbacher S, Asllanaj E, Blankenberg S, Bonnycastle LL, Bork-Jensen J, Brandlund I, Braund PS, Burgess S, Cho K, Christensen C, Connell J, Mutsert R, Dominiczak AF, Dörr M, Eiriksdottir G, Farmaki AE, Gaziano JM, Grarup N, Grove ML, Hallmans G, Hansen T, Have CT, Heiss G, Jørgensen ME, Jousilahti P, Kajantie E, Kamat M, Käräjämäki A, Karpe F, Koistinen HA, Kovesdy CP, Kuulasmaa K, Laatikainen T, Lannfelt L, Lee IT, Lee WJ; LifeLines Cohort Study, Linneberg A, Martin LW, Moitry M, Nadkarni G, Neville MJ, Palmer CNA, Papanicolaou GJ, Pedersen O, Peters J, Poulter N, Rasheed A, Rasmussen KL, Rayner NW, Mägi R, Renström F, Rettig R, Rossouw J, Schreiner PJ, Sever PS, Sigurdsson EL, Skaaby T, Sun YV, Sundstrom J, Thorgeirsson G, Esko T, Trabetti E, Tsao PS, Tuomi T, Turner ST, Tzoulaki I, Vaartjes I, Vergnaud AC, Willer CJ, Wilson PWF, Witte DR, Yonova-Doing E, Zhang H, Aliya N, Almgren P, Amouyel P, Asselbergs FW, Barnes MR, Blakemore AI, Boehnke M,

- Bots ML, Bottinger EP, Buring JE, Chambers JC, Chen YI, Chowdhury R, Conen D, Correa A, Davey Smith G, Boer RA, Deary IJ, Dedoussis G, Deloukas P, Di Angelantonio E, Elliott P; EPIC-CVD; EPIC-InterAct, Felix SB, **Ferrières J**, Ford I, Fornage M, Franks PW, Franks S, Frossard P, Gambaro G, Gaunt TR, Groop L, Gudnason V, Harris TB, Hayward C, Hennig BJ, Herzig KH, Ingelsson E, Tuomilehto J, Järvelin MR, Jukema JW, Kardia SLR, Kee F, Kooperberg C, Launer LJ, Lind L, Loos RJF, Majumder AAS, Laakso M, McCarthy MI, Melander O, Mohlke KL, Murray AD, Nordestgaard BG, Orho-Melander M, Packard CJ, Padmanabhan S, Palmas W, Polasek O, Porteous DJ, Prentice AM, Province MA, Relton CL, Rice K, Ridker PM, Rolandsson O, Rosendaal FR, Rotter JI, Rudan I, Salomaa V, Samani NJ, Sattar N, Sheu WH, Smith BH, Soranzo N, Spector TD, Starr JM, Sebert S, Taylor KD, Lakka TA, Timpson NJ, Tobin MD; Understanding Society Scientific Group, van der Harst P, van der Meer P, Ramachandran VS, Verweij N, Virtamo J, Völker U, Weir DR, Zeggini E, Charchar FJ; Million Veteran Program, Wareham NJ, Langenberg C, Tomaszewski M, Butterworth AS, Caulfield MJ, Danesh J, Edwards TL, Holm H, Hung AM, Lindgren CM, Liu C, Manning AK, Morris AP, Morrison AC, O'Donnell CJ, Psaty BM, Saleheen D, Stefansson K, Boerwinkle E, Chasman DI, Levy D, Newton-Cheh C, Munroe PB, Howson JMM.. Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. *Nat Genet.* 2020 Dec;52(12):1314-1332. doi: 10.1038/s41588-020-00713-x.
50. Task Force Members (**Ferrières J** collaborator); ESC National Cardiac Societies; ESC Committee for Practice Guidelines (CPG). Erratum to "2019 ESC/EAS guidelines for the management of dyslipidemias: Lipid modification to reduce cardiovascular risk" [Atherosclerosis 290 (2019) 140-205]. *Atherosclerosis.* 2020 Jan;292:160-162. doi: 10.1016/j.atherosclerosis.2019.11.020. Erratum for: *Atherosclerosis.* 2019 Nov;290:140-205.
51. Task Force Members (**Ferrières J** collaborator); ESC National Cardiac Societies; ESC Committee for Practice Guidelines (CPG). Corrigendum to "2019 ESC/EAS Guidelines for the management of dyslipidaemias: lipid modification to reduce cardiovascular risk" [Atherosclerosis 290 (2019) 140-205].*Atherosclerosis.* 2020 Feb;294:80-82.doi: 10.1016/j.atherosclerosis.2019.12.004. Erratum for: *Atherosclerosis.* 2019 Nov;290:140-205.
52. Valensi P, Henry P, Boccardo F, Cosson E, Prevost G, Emmerich J, Ernande L, Marcadet D, Mousseaux E, Rouzet F, Sultan A, **Ferrières J**, Vergès B, Van Belle E. Risk stratification and screening for coronary artery disease in asymptomatic patients with diabetes mellitus: Position paper of the French Society of Cardiology and the French-speaking Society of Diabetology. *Arch Cardiovasc Dis.* 2020 Dec 9:S1875-2136(20)30216-3. doi: 10.1016/j.acvd.2020.07.003. Epub ahead of print.
53. Vishram-Nielsen JKK, Laurent S, Nilsson PM, Linneberg A, Sehested TSG, Greve SV, Pareek M, Palmieri L, Giampaoli S, Donfrancesco C, Kee F, Mancia G, Cesana G, Veronesi G, Kuulasmaa K, Salomaa V Kontto J, Palosaari T, Sans S, **Ferrières J**, Dallongeville J, Söderberg S, Moitry M, Drygas W, Tamosiunas A, Peters A, Brenner H, Njolstad I, Olsen MH, MORGAM Project. Does Estimated Pulse Wave Velocity Add Prognostic Information?: MORGAM Prospective Cohort Project. *Hypertension.* 2020;75(6):1420-1428. doi:10.1161/HYPERTENSIONAHA.119.14088.
54. Walker V, Lairez O, Fondard O, Jimenez G, Camilleri J, **Panh L**, Broggio D, Bernier MO, Laurier D, **Ferrières J**, Jacob S. Myocardial deformation after radiotherapy: a layer-specific and territorial longitudinal strain analysis in a cohort of left-sided breast cancer patients (BACCARAT study). *Radiat Oncol.* 2020 Aug 20;15(1):201. doi: 10.1186/s13014-020-01635-y.
55. Zouari F, Campelo-Parada F, **Matta A**, Boudou N, **Bouisset F**, Grunenwald E, Marcheix B, Carrié D, Lhermusier T. Conduction disturbances in low-surgical-risk patients undergoing transcatheter aortic valve replacement with self-expandable or balloon-expandable valves. *Cardiovasc Interv Ther.* 2020 Jul 5. doi: 10.1007/s12928-020-00687-x.