

Raphaële CASTAGNÉ - Publications 2016-2020

UMR 1027 : Epidémiologie et analyses en santé publique : risques, maladies chroniques et handicaps

Equipe EQUITY - Embodiment, social ineQualities, lifecoUrse epidemiology, cancer and chronic diseases, intervenTions, methodology

Articles dans des revues internationales ou nationales avec comité de lecture ou dans les bases de données internationales *Mise à jour juin 2020*

2020

1. Laine JE, Baltar VT, Stringini S, Gandini M, Chadeau-Hyam M, Kivimaki M, Severi G, Perduca V, Hodge AM, Dugué PA, Giles GG, Milne RL, Barros H, Sacerdote C, Krogh V, Panico S, Tumino R, Goldberg M, Zins M, Delpierre C, LIFEPATH Consortium Vineis P (**Castagné R** collaborator). Reducing socio-economic inequalities in all-cause mortality: a counterfactual mediation approach. *Int J Epidemiol.* 2020 Apr 1;49(2):497-510. doi: 10.1093/ije/dyz248.
2. Laine JE, Baltar VT, Stringini S, Gandini M, Chadeau-Hyam M, Kivimaki M, Severi G, Perduca V, Hodge AM, Dugué PA, Giles GG, Milne RL, Barros H, Sacerdote C, Krogh V, Panico S, Tumino R, Goldberg M, Zins M, Delpierre C, LIFEPATH Consortium, Vineis P (**Castagné R** collaborator). Corrigendum to: Reducing socio-economic inequalities in all-cause mortality: a counterfactual mediation approach [published online ahead of print, 2020 Feb 12]. *Int J Epidemiol.* 2020;dyaa008. doi:10.1093/ije/dyaa008.
3. Vineis P, Delpierre C, **Castagné R**, Fiorito G, McCrory C, Kivimaki M, Stringhini S, Carmeli C, Kelly-Irving M. Health inequalities: Embodied evidence across biological layers. *Soc Sci Med.* 2020;246:112781. doi:10.1016/j.socscimed.2019.112781.

2019

1. Alfano R, Guida F, Galobardes B, Chadeau-Hyam M, Delpierre C, Ghantous A, Henderson J, Herceg Z, Jain P, Nawrot TS, Relton C, Vineis P, **Castagné R**, Plusquin M. Socioeconomic position during pregnancy and DNA methylation signatures at three stages across early life: epigenome-wide association studies in the ALSPAC birth cohort. *Int J Epidemiol.* 2019 Feb 1;48(1):30-44. doi: 10.1093/ije/dyy259.
2. Berger E, **Castagné R**, Chadeau-Hyam M, Bochud M, d'Errico A, Gandini M, Karimi M, Kivimäki M, Krogh V, Marmot M, Panico S, Preisig M, Ricceri F, Sacerdote C, Steptoe A, Stringhini S, Tumino R, Vineis P, Delpierre C, Kelly-Irving M. Multi-cohort study identifies social determinants of systemic inflammation over the life course. *Nat Commun.* 2019 Feb 15;10(1):773. doi: 10.1038/s41467-019-08732-x.
3. Karimi M, **Castagné R**, Delpierre C, Albertus G, Berger E, Vineis P, Kumari M, Kelly-Irving M, Chadeau-Hyam M. Early-life inequalities and biological ageing: a multisystem Biological Health Score approach in *Understanding Society*. *J Epidemiol Community Health.* 2019. 73 (8), 693-702. doi: 10.1136/jech-2018-212010.
4. McCrory C, Leahy S, Ribeiro AI, Fraga S, Barros H, Avendano M, Vineis P, Layte R; LIFEPATH consortium (**Castagné R** collaborator). Maternal educational inequalities in measured body mass index trajectories in three European countries. *Paediatr Perinat Epidemiol.* 2019 May;33(3):226-237. doi: 10.1111/ppe.12552.

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5. Petrovic D, Haba-Rubio J, de Mestral Vargas C, Kelly-Irving M, Vineis P, Kivimäki M, Nyberg S, Gandini M, Bochud M, Vollenweider P, d'Errico A, Barros H, Fraga S, Goldberg M, Zins M, Steptoe A, Delpierre C, Heinzer R, Carmeli C, Marc Chadeau-Hyam M, Silvia Stringhini S, Lifepath Consortium (**Castagné R** collaborator). The Contribution of Sleep to Social Inequalities in Cardiovascular Disorders: A Multi-Cohort Study. *Cardiovasc Res* 2019. [Online ahead of print]
6. Tzoulaki I, **Castagné R**, Boulangé CL, Karaman I, Chekmeneva E, +Evangelou E, Ebbels TMD, Kaluarachchi MR, Chadeau-Hyam M, Mosen D, Dehghan A, Moayyeri A, Santos Ferreira DL, Guo X, Rotter JI, Taylor KD, Kavousi M, de Vries PS, Lehne B, Loh M, Hofman A, Nicholson JK, Chambers J, Gieger C, Holmes E, Tracy R, Kooner J, Greenland P, Franco OH, Herrington D, John C Lindon JC, Elliott P. Serum Metabolic Signatures of Coronary and Carotid Atherosclerosis and Subsequent Cardiovascular Disease; *Eur heart J*. 2019. 40 (34), 2883-2896.

2018

1. Berger E, Delpierre C, Hosnijeh FS, Kelly-Irving M, Portengen L, Bergdahl IA, Johansson AS, Krogh V, Palli D, Panico S, Sacerdote C, Tumino R, Kyrtopoulos SA, Vineis P, Chadeau-Hyam M, Vermeulen R, **Castagné R**; EnviroGenoMarkers. Association between low-grade inflammation and Breast cancer and B-cell Myeloma and Non-Hodgkin Lymphoma: findings from two prospective cohorts. *Sci Rep*. 2018 Jul 17;8(1):10805. doi: 10.1038/s41598-018-29041-1.
2. **Castagné R**, Garès V, Karimi M, Chadeau-Hyam M, Vineis P, Delpierre C, Kelly-Irving M; Lifepath Consortium. Allostatic load and subsequent all-cause mortality: which biological markers drive the relationship? Findings from a UK birth cohort. *Eur J Epidemiol*. 2018 May;33(5):441-458. doi: 10.1007/s10654-018-0364-1.
3. Delpierre C, **Castagné R**, Lang T, Kelly-Irving M. [Social environment, biological embedding and social inequalities in health]. *Med Sci (Paris)*. 2018 Aug-Sep;34(8-9):740-744. doi: 10.1051/medsci/20183408023.
4. Vermeulen R, Saberi Hosnijeh F, Bodinier B, Portengen L, Liquet B, Garrido-Manriquez J, Lokhorst H, Bergdahl IA, Kyrtopoulos SA, Johansson AS, Georgiadis P, Melin B, Palli D, Krogh V, Panico S, Sacerdote C, Tumino R, Vineis P, **Castagné R**, Chadeau-Hyam M; EnviroGenoMarkers Consortium Consortium members, Botsivali M, Chatziioannou A, Valavanis I, Kleinjans JCS, de Kok TMCM, Keun HC, Athersuch TJ, Kelly R, Lenner P, Hallmans G, Stephanou EG, Myridakis A, Kogevinas M, Fazzo L, De Santis M, Comba P, Bendinelli B, Kiviranta H, Rantakokko P, Airaksinen R, Ruokojarvi P, Gilthorpe M, Fleming S, Fleming T, Tu YK, Lundh T, Chien KL, Chen WJ, Lee WC, Kate Hsiao C, Kuo PH, Hung H, Liao SF. Pre-diagnostic blood immune markers, incidence and progression of B-cell lymphoma and multiple myeloma: Univariate and functionally informed multivariate analyses. *Int J Cancer*. 2018 Sep 15;143(6):1335-1347. doi: 10.1002/ijc.31536.

2017

1. Gares V, Panico L, **Castagné R**, Delpierre C, Kelly-Irving M. The role of the early social environment on Epstein Barr virus infection: a prospective observational design using the Millennium Cohort Study. *Epidemiol Infect*. 2017 Dec;145(16):3405-3412. doi: 10.1017/S0950268817002515.
2. Stringhini S, Carmeli C, Jokela M, Avendaño M, Muennig P, Guida F, Ricceri F, d'Errico A, Barros H, Bochud M, Chadeau-Hyam M, Clavel-Chapelon F, Costa G, Delpierre C, Fraga S, Goldberg M, Giles GG, Krogh V, Kelly-Irving M, Layte R, Lasserre AM, Marmot MG, Preisig M, Shipley MJ, Vollenweider P, Zins M, Kawachi I, Steptoe A, Mackenbach JP, Vineis P, Kivimäki M; LIFEPATH consortium (**Castagné R** UMR1027 - Equipe EQUITY - Raphaële Castagné - Publications 2016-2020

collaborator). Socioeconomic status and the 25 × 25 risk factors as determinants of premature mortality: a multicohort study and meta-analysis of 1.7 million men and women. *Lancet*. 2017 Mar 25;389(10075):1229-1237. doi: 10.1016/S0140-6736(16)32380-7.

2016

1. Barboza Solís C, Fantin R, **Castagné R**, Lang T, Delpierre C, Kelly-Irving M. Mediating pathways between parental socio-economic position and allostatic load in mid-life: Findings from the 1958 British birth cohort. *Soc Sci Med*. 2016 Sep;165:19-27. doi: 10.1016/j.socscimed.2016.07.031.
2. **Castagné R**, Delpierre C, Kelly-Irving M, Campanella G, Guida F, Krogh V, Palli D, Panico S, Sacerdote C, Tumino R, Kyrtopoulos S, Hosnijeh FS, Lang T, Vermeulen R, Vineis P, Stringhini S, Chadeau-Hyam M. A life course approach to explore the biological embedding of socioeconomic position and social mobility through circulating inflammatory markers. *Sci Rep*. 2016 Apr 27;6:25170. doi: 10.1038/srep25170.
3. **Castagné R**, Kelly-Irving M, Campanella G, Guida F, Krogh V, Palli D, Panico S, Sacerdote C, Tumino R, Kleinjans J, de Kok T, Kyrtopoulos SA, Lang T, Stringhini S, Vermeulen R, Vineis P, Delpierre C, Chadeau-Hyam M. Biological marks of early-life socioeconomic experience is detected in the adult inflammatory transcriptome. *Sci Rep*. 2016 Dec 9;6:38705. doi: 10.1038/srep38705.
4. Delpierre C, Barboza-Solís C, **Castagné R**, Lang T, Kelly-Irving M. Environnement social précoce, usure physiologique et état de santé à l'âge adulte : un bref état de l'art. *Bulletin épidémiologique hebdomadaire*. n°16-17. 2016. 276-281.