

ECRHS RELATED PUBLICATIONS UP TO AUGUST 2018

- 1: Beckmeyer-Borowko A, Imboden M, Rezwani FI, Wielscher M, Amaral AFS, Jeong A, Schaffner E, Auvinen J, Sebert S, Karhunen V, Bettschart R, Turk A, Pons M, Stolz D, Kronenberg F, Arathimos R, Sharp GC, Relton C, Henderson AJ, Jarvelin MR, Jarvis D, Holloway JW, Probst-Hensch NM. SERPINA1 methylation and lung function in tobacco-smoke exposed European children and adults: a meta-analysis of ALEC population-based cohorts. *Respir Res.* 2018 Aug 22;19(1):156. doi:10.1186/s12931-018-0850-8. PubMed PMID: 30134983.
- 2: Fuertes E, Markevych I, Jarvis D, Vienneau D, de Hoogh K, Antó JM, Bowatte G, Bono R, Corsico AG, Emtner M, Gislason T, Gullón JA, Heinrich J, Henderson J, Holm M, Johannessen A, Leynaert B, Marcon A, Marchetti P, Moratalla JM, Pascual S, Probst-Hensch N, Sánchez-Ramos JL, Siroux V, Sommar J, Weyler J, Kuenzli N, Jacquemin B, Garcia-Aymerich J. Residential air pollution does not modify the positive association between physical activity and lung function in current smokers in the ECRHS study. *Environ Int.* 2018 Aug 16;120:364-372. doi:10.1016/j.envint.2018.07.032. PubMed PMID: 30121517.
- 3: Krzych-Fałta E, Furmańczyk K, Lisiecka-Biełanowicz M, Sybilski A, Tomaszewska A, Raciborski F, Wojas O, Walkiewicz A, Samel-Kowalik P, Samoliński B. The effect of selected risk factors, including the mode of delivery, on the development of allergic rhinitis and bronchial asthma. *Postepy Dermatol Alergol.* 2018 Jun;35(3):267-273. doi: 10.5114/ada.2018.76222. Epub 2018 Jun 18. PubMed PMID: 30008644; PubMed Central PMCID: PMC6041717.
- 4: Krzych-Fałta E, Furmańczyk K, Piekarska B, Raciborski F, Tomaszewska A, Walkiewicz A, Samel-Kowalik P, Borowicz J, Namysłowski A, Samoliński BK. Extent of protective or allergy-inducing effects in cats and dogs. *Ann Agric Environ Med.* 2018 Jun 20;25(2):268-273. doi: 10.26444/aaem/80596. Epub 2017 Dec 15. PubMed PMID: 29936813.
- 5: Gómez Real F, Burgess JA, Villani S, Dratva J, Heinrich J, Janson C, Jarvis D, Koplin J, Leynaert B, Lodge C, Lærum BN, Matheson MC, Norbäck D, Omenaas ER, Skulstad SM, Sunyer J, Dharmage SC, Svanes C. Maternal age at delivery, lung function and asthma in offspring: a population-based survey. *Eur Respir J.* 2018 Jun 7;51(6). pii: 1601611. doi: 10.1183/13993003.01611-2016. Print 2018 Jun. PubMed PMID: 29880541.
- 6: Burte E, Leynaert B, Bono R, Brunekreef B, Bousquet J, Carsin AE, De Hoogh K, Forsberg B, Gormand F, Heinrich J, Just J, Marcon A, Künzli N, Nieuwenhuijsen M, Pin I, Stempfelet M, Sunyer J, Villani S, Siroux V, Jarvis D, Nadif R, Jacquemin B. Association between air pollution and rhinitis incidence in two European cohorts. *Environ Int.* 2018 Jun;115:257-266. doi: 10.1016/j.envint.2018.03.021. Epub 2018 Mar 30. PubMed PMID: 29605678.
- 7: Ngajilo D, Singh T, Ratshikhopha E, Dayal P, Matuka O, Baatjies R, Jeebhay MF. Risk factors associated with allergic sensitization and asthma phenotypes among poultry farm workers. *Am J Ind Med.* 2018 Jun;61(6):515-523. doi: 10.1002/ajim.22841. Epub 2018 Mar 25. PubMed PMID: 29574825.
- 8: Erbas B, Knudsen TM, Janson C, Nilsen RM, Accordini S, Benediktdóttir B, Dratva J, Heinrich J, Jarvis D, Leynaert B, Matheson MC, Norbäck D, Real FG, Raheison-Semjen C, Villani S, Dharmage SC, Svanes C. Critical age windows in the impact of lifetime smoking exposure on respiratory symptoms and disease among ever smokers. *Environ Res.* 2018 Jul;164:241-247. doi: 10.1016/j.envres.2018.02.028. Epub 2018 Mar 6. PubMed PMID: 29522998.
- 9: Krzych-Fałta E, Furmańczyk K, Tomaszewska A, Olejniczak D, Samoliński B, Samolińska-Zawisza U. Probiotics: Myths or facts about their role in allergy prevention. *Adv Clin Exp Med.* 2018 Jan;27(1):119-124. doi: 10.17219/acem/65476. PubMed PMID: 29521052.
- 10: Svanes Ø, Bertelsen RJ, Lygre SHL, Carsin AE, Antó JM, Forsberg B, García-García JM, Gullón JA, Heinrich J, Holm M, Kogevinas M, Urrutia I, Leynaert B, Moratalla JM, Le Moual N, Lytras T, Norbäck D, Nowak D, Olivieri M, Pin I, Probst-Hensch N, Schlünssen V, Sigsgaard T, Skorge TD, Villani S, Jarvis D, Zock JP, Svanes C. Cleaning at Home and at Work in Relation to Lung Function Decline and Airway Obstruction. *Am J Respir Crit Care Med.* 2018 May 1;197(9):1157-1163. doi: 10.1164/rccm.201706-1311OC. PubMed PMID: 29451393.
- 11: Pekkanen J, Valkonen M, Täubel M, Tischer C, Leppänen H, Kärkkäinen PM, Rintala H, Zock JP, Casas L, Probst-Hensch N, Forsberg B, Holm M, Janson C, Pin I, Gislason T, Jarvis D, Heinrich J, Hyvärinen A. Indoor bacteria and asthma in adults: a multicentre case-control study within ECRHS II. *Eur Respir J.* 2018 Feb 7;51(2). pii: 1701241. doi: 10.1183/13993003.01241-2017. Print 2018 Feb. PubMed PMID: 29437937.

- 12: Al Ghobain MO, Algazlan SS, Oreibi TM. Asthma prevalence among adults in Saudi Arabia. *Saudi Med J.* 2018 Feb;39(2):179-184. doi: 10.15537/smj.2018.2.20974. PubMed PMID: 29436567; PubMed Central PMCID: PMC5885095.
- 13: Fazlollahi MR, Souzanch G, Nourizadeh M, Sabetkish N, Tazesh B, Entezari A, Pourpak Z. The Prevalence of Allergic Rhinitis and It's Relationship With Second-Hand Tobacco Smoke Among Adults in Iran. *Acta Med Iran.* 2017 Nov;55(11):712-717. PubMed PMID: 29307161.
- 14: Fuertes E, Carsin AE, Antó JM, Bono R, Corsico AG, Demoly P, Gislason T, Gullón JA, Janson C, Jarvis D, Heinrich J, Holm M, Leynaert B, Marcon A, Martinez-Moratalla J, Nowak D, Pascual Erquicia S, Probst-Hensch NM, Raheison C, Raza W, Gómez Real F, Russell M, Sánchez-Ramos JL, Weyler J, Garcia Aymerich J. Leisure-time vigorous physical activity is associated with better lung function: the prospective ECRHS study. *Thorax.* 2018 Apr;73(4):376-384. doi: 10.1136/thoraxjnl-2017-210947. Epub 2018 Jan 6. PubMed PMID: 29306902; PubMed Central PMCID: PMC5870462.
- 15: Garcia-Larsen V, Potts JF, Omenaas E, Heinrich J, Svanes C, Garcia-Aymerich J, Burney PG, Jarvis DL. Dietary antioxidants and 10-year lung function decline in adults from the ECRHS survey. *Eur Respir J.* 2017 Dec 21;50(6). pii: 1602286. doi: 10.1183/13993003.02286-2016. Print 2017 Dec. PubMed PMID: 29269589; PubMed Central PMCID: PMC5739275.
- 16: Fazlollahi MR, Najmi M, Fallahnezhad M, Sabetkish N, Kazemnejad A, Bidad K, Shokouhi Shoormasti R, Mahloujirad M, Pourpak Z, Moin M. The prevalence of asthma in Iranian adults: The first national survey and the most recent updates. *Clin Respir J.* 2018 May;12(5):1872-1881. doi: 10.1111/crj.12750. Epub 2018 Jan 4. PubMed PMID: 29227026.
- 17: Jøgi NO, Svanes C, Siiak SP, Logan E, Holloway JW, Igland J, Johannessen A, Levin M, Real FG, Schlunssen V, Horsnell WGC, Bertelsen RJ. Zoonotic helminth exposure and risk of allergic diseases: A study of two generations in Norway. *Clin Exp Allergy.* 2018 Jan;48(1):66-77. doi: 10.1111/cea.13055. Epub 2017 Dec 12. PubMed PMID: 29117468.
- 18: Ferreira DS, Kaushik S, Smith CL, Dharmage SC, Benke GP, Thompson BR, Walters EH, Wolfe R, Abramson MJ. Associations of atopy and asthma during aging of an adult population over a 20-year follow-up. *J Asthma.* 2017 Oct 4:1-8. doi: 10.1080/02770903.2017.1386669. [Epub ahead of print] PubMed PMID: 28976229.
- 19: Valkonen M, Täubel M, Pekkanen J, Tischler C, Rintala H, Zock JP, Casas L, Probst-Hensch N, Forsberg B, Holm M, Janson C, Pin I, Gislason T, Jarvis D, Heinrich J, Hyvärinen A. Microbial characteristics in homes of asthmatic and non-asthmatic adults in the ECRHS cohort. *Indoor Air.* 2018 Jan;28(1):16-27. doi: 10.1111/ina.12427. Epub 2017 Oct 16. PubMed PMID: 28960492.
- 20: Guerra S, Carsin AE, Keidel D, Sunyer J, Leynaert B, Janson C, Jarvis D, Stolz D, Rothe T, Pons M, Turk A, Anto JM, Probst-Hensch N. Health-related quality of life and risk factors associated with spirometric restriction. *Eur Respir J.* 2017 May 25;49(5). pii: 1602096. doi: 10.1183/13993003.02096-2016. Print 2017 May. PubMed PMID: 28546266.
- 21: Alavinezhad A, Boskabady MH. The prevalence of asthma and related symptoms in Middle East countries. *Clin Respir J.* 2018 Mar;12(3):865-877. doi: 10.1111/crj.12655. Epub 2017 Jun 12. Review. PubMed PMID: 28544458.
- 22: Calciano L, Corsico AG, Pirina P, Trucco G, Jarvis D, Janson C, Accordini S. Assessment of asthma severity in adults with ever asthma: A continuous score. *PLoS One.* 2017 May 18;12(5):e0177538. doi: 10.1371/journal.pone.0177538. eCollection 2017. PubMed PMID: 28542217; PubMed Central PMCID: PMC5436664.
- 23: Krzych-Fałta E, Furmańczyk K, Piekarska B, Sybilski A, Samoliński B. Wpływ wybranych czynników środowiskowych na maksymalny przepływ nosowy wdechowy – część projektu ECAP (Epidemiologia Chorób Alergicznych w Polsce). *Otolaryngol Pol.* 2017 Feb 28;71(1):40-44. doi: 10.5604/01.3001.0009.5525. PubMed PMID: 28485290.
- 24: Bertelsen RJ, Rava M, Carsin AE, Accordini S, Benediksdóttir B, Dratva J, Franklin KA, Heinrich J, Holm M, Janson C, Johannessen A, Jarvis DL, Jogi R, Leynaert B, Norback D, Omenaas ER, Raheison C, Sánchez-Ramos JL, Schlunssen V, Sigsgaard T, Dharmage SC, Svanes C. Clinical markers of asthma and IgE assessed in parents before conception predict asthma and hayfever in the offspring. *Clin Exp Allergy.* 2017 May;47(5):627-638. doi: 10.1111/cea.12906. Epub 2017 Mar 28. PubMed PMID: 28199764; PubMed Central PMCID: PMC5447870.
- 25: Norbäck D, Zock JP, Plana E, Heinrich J, Tischler C, Jacobsen Bertelsen R, Sunyer J, Künzli N, Villani S, Olivieri M, Verlato G, Soon A, Schlunssen V, Gunnbjörnsdóttir MI, Jarvis D. Building dampness and mold in European homes in relation to climate, building characteristics and socio-economic status: The European Community Respiratory Health Survey ECRHS II. *Indoor Air.* 2017 Sep;27(5):921-932. doi: 10.1111/ina.12375. Epub 2017 Mar 20. PubMed PMID: 28190279.

- 26: Krzych-Fałta E, Furmańczyk K, Piekarska B, Tomaszewska A, Sybilski A, Samoliński BK. Allergies in urban versus countryside settings in Poland as part of the Epidemiology of the Allergic Diseases in Poland (ECAP) study – challenge the early differential diagnosis. *Postepy Dermatol Alergol*. 2016 Oct;33(5):359-368. doi: 10.5114/pdia.2016.61338. Epub 2016 Oct 21. PubMed PMID: 28182031; PubMed Central PMCID: PMC5110618.
- 27: Thorhallsdottir AK, Gislason D, Malinovschi A, Clausen M, Gislason T, Janson C, Benediktsdottir B. Exhaled nitric oxide in a middle-aged Icelandic population cohort. *J Breath Res*. 2016 Nov 30;10(4):046015. PubMed PMID: 27902492.
- 28: Sonia T, Meriem M, Yacine O, Nozha BS, Nadia M, Bechir L, Jalloul D, Jouda C, Majed B. Prevalence of asthma and rhinitis in a Tunisian population. *Clin Respir J*. 2018 Feb;12(2):608-615. doi: 10.1111/crj.12570. Epub 2016 Oct 20. PubMed PMID :27731951.
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- 30: Rava M, Ahmed I, Kogevinas M, Le Moual N, Bouzigon E, Curjuric I, Dizier MH, Dumas O, Gonzalez JR, Imboden M, Mehta AJ, Tubert-Bitter P, Zock JP, Jarvis D, Probst-Hensch NM, Demenais F, Nadif R. Genes Interacting with Occupational Exposures to Low Molecular Weight Agents and Irritants on Adult-Onset Asthma in Three European Studies. *Environ Health Perspect*. 2017 Feb;125(2):207-214. doi: 10.1289/EHP376. Epub 2016 Aug 9. PubMed PMID: 27504716; PubMed Central PMCID:PMC5289825.
- 31: Garcia-Larsen V, Potts JF, Del Giacco S, Bustos P, Diaz PV, Amigo H, Oyarzun M, Rona RJ. Changes in symptoms of asthma and rhinitis by sensitization status over ten years in a cohort of young Chilean adults. *BMC Pulm Med*. 2016 Aug 8;16(1):116. doi: 10.1186/s12890-016-0273-6. PubMed PMID: 27503476; PubMed Central PMCID: PMC4977698.
- 32: Van der Walt A, Baatjies R, Singh T, Jeebhay MF. Environmental factors associated with baseline and serial changes in fractional exhaled nitric oxide (FeNO) in spice mill workers. *Occup Environ Med*. 2016 Sep;73(9):614-20. doi: 10.1136/oemed-2015-103005. Epub 2016 May 20. PubMed PMID: 27207150.
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- 46: Vara EJ, Svanes C, Skorge TD, Berstad A, Florvaag E, Jarvis D, Omenaas E, Waatevik M, Johannessen A, Lied GA. Functional Gastrointestinal Symptoms Are Associated with Higher Serum Total IgE Levels, but Less Atopic Sensitization. *Dig Dis Sci.* 2016 Jan;61(1):189-97. doi: 10.1007/s10620-015-3835-1. Epub 2015 Aug 12. PubMed PMID: 26264700.
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