**EGEA –Publications –Articles**

1. Kauffmann F, Dizier MH on behalf of the EGEA cooperative group. **EGEA (Epidemiological study on the genetics and environment of asthma, bronchial hyperresponsiveness and atopy). Design issues**. *Clin Exp Allergy 1995; 25 (suppl 2) : 19-22 -PMID: 8590334*
2. Kauffmann F, Dizier MH, Pin I, Paty E, Gormand F, Vervloet D, Bousquet J, Neukirch F, Annesi I, Oryszczyn MP, Lathrop M, Demenais F, Lockhart A, Feingold J. **Epidemiological study on the genetics and environment of asthma, bronchial hyperresponsiveness and atopy (EGEA) -Phenotype issues**. *Am J Respir Crit Care Med 1997; 156 : S123-S129 - PMID: 93515*92
3. Kauffmann F, Chomel JC, Kitzis A, Feingold J, on behalf of the EGEA cooperative group. **∆F508 heterozygosity and asthma.** *Lancet 1998 ; 352:985-986 - PMID: 9752840*
4. Kauffmann F, Dizier MH, Annesi-Maesano I, Bousquet J, Charpin D, Demenais F, Ecochard D, Feingold J, Gormand F, Grimfeld A, Lathrop M, Matran R, Neukirch F, Paty E, Pin I, Pison C, Scheinmann P, Vervloet D, Lockhart A. **EGEA (Epidemiological study on the Genetics and Environment of Asthma, bronchial hyperresponsiveness and atopy) -Descriptive characteristics**. *Clin Exp Allergy 1999 ; 29 (suppl 4):17-21 - PMID: 10641560*
5. Sampogna F, Demenais F, Hochez J, Oryszczyn MP, Maccario J, Kauffmann F, Feingold J, Dizier MH. **Segregation analysis of IgE levels in 335 French families (EGEA) using different strategies to correct for the ascertainment through a correlated trait (asthma).** *Genet Epidemiol 2000 ; 18 :128-142 - PMID: 10642426*
6. Siroux V, Pin I, Oryszczyn MP, Le Moual N, Kauffmann F. **Relationships of active smoking to asthma and asthma severity in the EGEA study.** *Eur Respir J 2000 ;15 :470-477 - PMID: 10759439*
7. Oryszczyn MP, Annesi-Maesano I, Charpin D, Paty E, Maccario J, Kauffmann F. **Relationships of active and passive smoking to total IgE in adults of EGEA -(Epidemiological study on the Genetics and Environment of Asthma, bronchial hyperresponsiveness and atopy).** *Am J Respir Crit Care Med 2000 ;161 :1241-1246 - PMID: 10764318*
8. Kennedy SM, Le Moual N, Choudat D, Kauffmann F. **Development of an asthma specific job exposure matrix and its application in the EGEA study.** *Occup Environ Med 2000 ; 57 : 635-641 PMID: 10935945*
9. Dizier MH, Besse-Schmittler C, Guilloud-Bataille M, Annesi-Maesano I, Boussaha M, Bousquet J, Charpin D, Degioanni A, Gormand F, Grimfeld A, Hochez J, Hyne G, Lockhart A, Luillier-Lacombe G, Matran R, Meunier F, Neukirch F, Pacheco Y, Parent V, Paty E, Pin I, Pison C, Scheinmann P, Thobie N, Vervloet D, Kauffmann F, Feingold J, Lathrop M and Demenais F. **Genome screen for asthma and related phenotypes in the French EGEA study.** *Am J Respir Crit Care Med 2000 ; 162 : 1812-1818 - PMID: 11069818*
10. De Cid R, Chomel JC, Lazaro C, Sunyer J, Baudis M, Casals T, Le Moual N, Kitzis A, Feingold J, Anto J, Estivill X, Kauffmann F. **CFTR and asthma in the French EGEA study**. *Eur J Hum Gen 2001 ; 9 : 67-69 -PMID: 11175304*
11. Ravault C, Kauffmann F. **Validity of the IUATLD (1986) questionnaire in the EGEA study**. *Int J Tuberc Lung Dis 2001 ; 5 : 191-196 - PMID: 11258514*
12. Kauffmann F, Dizier MH, Annesi-Maesano I, Bousquet J, Charpin D, Demenais F, Ecochard D, Feingold J, Gormand F, Grimfeld A, Lathrop M, Matran R, Neukirch F, Paty E, Pin I, Pison C, Scheinmann P, Vervloet D, Lockhart A. **Etude épidémiologique des facteurs Génétiques et Environnementaux de l'Asthme, l'hyperréactivité bronchique et l'atopie (EGEA) -Protocole et biais de sélection potentiels.** *Rev Epidémiol Santé Pub 2001; 49 : 343-356 - PMID: 11567201*
13. *Dizier MH, Besse-Schmittler C, Guilloud-Bataille M, Kauffmann F, Clerget-Darpoux F, Demenais F. Indication of linkage and genetic heterogeneity of asthma according to age at onset on chromosome 7q in 107 French EGEA families. Europ J Hum Gen 2001 ; 9: 867-872- PMID: 1178170*
14. Kauffmann F, Dizier MH, Oryszczyn MP, Le Moual N, Siroux V, Kennedy S, Annesi-Maesano I, Bousquet J, Charpin D, Feingold J, Gormand F, Grimfeld A, Hochez J, Lathrop M, Matran R, Neukirch F, Paty E, Pin I, Demenais F. **Etude Epidémiologique sur les facteurs Génétiques et Environnementaux de l'Asthme, l'hyperréactivité bronchique et l'atopie (EGEA) -Premiers résultats d'une étude multidisciplinaire**. *Rev Mal Respir 2002; 19:63-72 -PMID: 1754681*
15. Pin I, Siroux V, Cans C, Kauffmann F, Maccario J, Pison C, Dizier MH. **Familial resemblance of asthma severity in the EGEA study.** *Am J Respir Crit Care Med 2002 ; 165 : 185-189 - PMID: 11790652*
16. Kauffmann F, Oryszczyn MP, Maccario J. **The protective role of country living on skin prick tests, immunoglobulin E and asthma in adults from the Epidemiological study on the Genetics and Environment of Asthma, bronchial hyper-responsivenes and atopy.** *Clin Experim Allergy 2002 ;32:379-86 - PMID: 11940067*
17. Kauffmann F, Annesi-Maesano I, Liard R, Paty E, Faraldo B, Neukirch F, Dizier MH. Construction et validation d'un questionnaire en épidémiologie respiratoire. **L'exemple du questionnaire de l'Etude épidémiologique des facteurs Génétiques et Environnementaux de l'Asthme, l'hyperréactivité bronchique et l'atopie (EGEA).** *Rev Mal Respir 2002 ;19:323-333 - PMID: 17546815Données supplémentaires sur http://www.splf.org/bbo/revues-articles/RMR/depotElectronique/ 2001-110\_Kauffmann/Kauffmann2002.htm*
18. Romanet-Manent S, Charpin D, Magnan A, Lanteaume A, Vervloet D and the EGEA cooperative group. **Allergic versus non allergic asthma : what makes the difference ?** *Allergy 2002 ;57:607-613 - PMID: 12100301*
19. Charpin D, Ramadour M, Lanteaume A, Vervloet D. **Triggering factors in intrinsic asthma in the Epidemiological study on the Genetics and Environment of asthma, bronchial hyperresponsiveness and atopy (EGEA study).** *J Asthma 2003; 40 : 87-91 - PMID: 12699216*
20. Maccario J, Oryszczyn MP, Charpin D, Kauffmann F. **Methodological aspects in the quantification of skin prick test response. The EGEA study.** *J Allergy Clin Immunol 2003; 111: 750-756 - PMID: 12704353*
21. Siroux V, Oryszczyn MP, Paty E, Kauffmann F, Pison C, Vervloet D, Pin I. **Relationships of allergic sensitisation, total IgE and blood eosinophils to asthma severity in children of the EGEA Study.** *Clin Experim Allergy 2003;33 : 746-751 - PMID: 12801307*
22. Dizier MH, Quesneville H, Besse-Schmittler C, Guilloud-Bataille M, Selinger-Lenenman H, Clerget-Darpoux F, Demenais F. **Indication of linkage and genetic heterogeneity for asthma and atopy on chromosomes 8p and 12q in 107 french EGEA families**. *Eur J Hum Gen 2003;11: 590-596 - PMID: 12891379*
23. Oryszczyn MP, Annesi-Maesano I, Charpin D, Kauffmann F. **Allergy markers in adults in relation to thetiming of pet exposure in the EGEA study.** *Allergy 2003 ;58: 1136-1143 - PMID: 14616124*
24. Varraso R, Oryszczyn MP, Kauffmann F. **Sex differences in respiratory symptoms [letter].** *Eur Respir J 2003;22 :716-717 - PMID: 14582928*
25. Siroux V, Guilbert P, Le Moual N, Oryszczyn MP, Kauffmann F. **Influence of asthma on the validity of reported lifelong environmental tobacco smoke in the EGEA study**. *Eur J Epidemiol 2004 ; 19 : 841-49 -PMID: 15499894*
26. Siroux V, Curt F, Oryszczyn MP, Maccario J, Kauffmann F. **Role of gender and hormone-related events on IgE and eosinophils in the EGEA study.** *J Allergy Clin Immunol 2004 ; 114 : 491-8 -PMID: 15356546*
27. Bouzigon E, Chaudru V, Carpentier AS, Dizier MH, Oryszczyn MP, Maccario J, Kauffmann F, Demenais F. **Familial correlations and inter-relationships of four asthma-associated quantitative phenotypes in 320 French EGEA families ascertained through asthmatic probands**. *Eur J Hum Gen 2004; 12 : 955-63 -PMID: 1524148*
28. Siroux V, Kauffmann F, Pison C, Pin I. **Caractère multidimensionnel de la sévérité de l'asthme dans l'enquête EGEA.** *Rev Mal Respir 2004 ;21 :917-924 -PMID: 15622338*
29. Bouzigon E, Dizier MH, Krähenbühl C, Torchard D, Annesi-Maesano I, Betard C, Bousquet J, Charpin D, Gormand F, Guilloud-Bataille M, Just J, Le Moual N, Maccario J, R Matran, Neukirch F, Oryszczyn MP, Paty E, Pin I, Rosenberg-Bourgin M, Vervloet D, Kauffmann F, Lathrop M, Demenais F. **Clustering patterns of LOD scores for asthma-related phenotypes revealed by a genome-wide screen in 295 French EGEA families**. *Hum Mol Gen 2004 ; 13 :3103-3113 -PMID: 15509591*
30. Varraso R, Siroux V, Maccario J, Pin I, Kauffmann F on behalf of the Epidemiological Study on the genetics and Environment of Asthma (EGEA). **Asthma severity is associated with body mass index and early menarche in women.** *Am J Respir Crit Care Med 2005; 171:334-339 -PMID: 15557134*
31. Dizier MH, Bouzigon E, Guilloud-Bataille M, Bétard C, Bousquet J, Charpin D, Gormand F, Hochez J, Just J, Lemainque A, Le Moual N, Matran R, Neukirch F, Oryszczyn MP, Paty E, Pin I, Vervloet D, Kauffmann F, Lathrop M, Demenais F, Annesi-Maesano I. **Genome Screen in the French EGEA Study : detection of linked regions shared or not shared by Allergic Rhinitis and Asthma.** *Genes Immun 2005; 6 :95-102 -PMID: 15674395*
32. Le Moual N, Siroux V, Pin I, Kauffmann F, Kennedy S on behalf of the Epidemiological Study on the genetics and Environment of Asthma (EGEA). **Asthma severity and exposure to occupational asthmagens.** *Am J Respir Crit Care Med 2005 15;172:440-5.*

Related editorial : Malo JL. **Asthma may be more severe if it is work-related**. *Am J Respir Crit Care Med 2005; 172:406-7.*

1. Oryszczyn MP, Bouzigon E, Maccario J, Siroux V, Nadif R, Wright A, Kauffmann F. **Interrelationships of quantitative asthma-related phenotypes in the EGEA study.** *J Allergy Clin Immunol 2007 ; 117 : 57-63 PMID: 17208586*
2. Dizier MH, Bouzigon E, Guilloud-Bataille M, Genin E, Oryszczyn MP, Annesi-Maesano I, Demenais F. **Evidence for a locus in 1p31 region specifically linked to the co-morbidity of asthma and allergic rhinitis in the EGEA study.** *Hum Hered 2007 ; 63:162-167 -PMID: 17310125*
3. Siroux V, Oryszczyn MP, Varraso R, Le Moual N, Bousquet J, Charpin D, Gormand F, Kennedy S, Maccario J, Pison C, Rage E, Scheinmann P, Vervloet D, Pin I, Kauffmann F. **Facteurs environnementaux de l'asthme sévère et de l'allergie : résultats de l'étude EGEA.** *Rev Mal Respir 2007 ; 24 : 599-608*
4. Dizier MH, Bouzigon E, Guilloud-Bataille M, Siroux V, Lemainque A, Boland A, Lathrop M, Demenais F. **Evidence for gene x smoking exposure interactions in a genome-wide linkage screen of asthma and bronchial hyper-responsiveness in EGEA families.** *Eur J Hum Gen 2007 ;63 :162-167-PMID: 1742672*
5. Bouzigon E, Ulgen A, Dizier MH, Siroux V, Lathrop M, Kauffmann F, Pin I, Demenais F. **Evidence for a pleiotropic QTL on chromosome 5q13 influencing both time toasthma onset and asthma score in French EGEA families.** *Hum Genet 2007; 121 : 711-719. PMID: 17473937*
6. Bouzigon E, Siroux V, Dizier MH, Lemainque A, Pison C, Lathrop M, Kauffmann F, Demenais F, Pin I. **Scores of asthma and asthma severity reveal new regions of linkage in EGEA families.** *Eur Respir J 2007 ; 30 : 253-259 -PMID: 17459892*
7. Tournillon-Daurès S, Ravault C, Ferran J, Pin I, Kauffmann F et le groupe coopératif EGEA. **Enquête de satisfaction auprès de sujets participant à une recherche épidémiologique.** *Santé Publique 2007 ; 19 : 461-470*
8. Guilloud-Bataille M, Bouzigon E, Annesi-Maesano I, Bousquet J, Charpin D, Gormand F, Hochez J, Just J, Lemainque A, Le Moual N, Matran R, Neukirch F, Oryszczyn MP, Paty E, Pin I, Vervloet D, Kauffmann F, Lathrop M, Demenais F, Dizier MH. **Genome-wide evidence for linkage of a new region (11p14) to Atopic Dermatitis and Allergic Diseases.** *Hum Genet 2008;122 : 605-14 - PMID: 17943316*
9. Siroux V, Bouzigon E, Dizier MH, Pin I, Demenais F, Kauffmann F on behalf of the EGEA cooperative group. **Replication of association between ADAM33 polymorphisms and psoriasis.** *Plos one 2008; 3:e2448 - PMID: 18560587*
10. Bouzigon E, Corda E, Aschard H, Dizier MH, Boland A, Bousquet J, Chateigner N, Gormand F, Just, Le Moual N, Scheinmann P, Siroux V, Vervloet D, Zelenika D, Pin I, Kauffmann F, Lathrop M, Demenais F. **Effect of 17q21 variants and smoking exposure in early-onset asthma**. *N Engl J Med 2008 ; 359 : 1985-1994 - PMID: 18923164*

Related editorial. Holloway JW, Koppelman GH. **17q21 variants and asthma -questions and answers.** *N Engl J Med. 2008 ;359:1985-94*

Comment. MoritaH, Nagai R. **Smoking exposure, 17q21 variants, and early-onset asthma.** *N Engl J Med 2009 ;360:1255*

Authors reply. Bouzigon E, Siroux V, Demenais F. **Smoking exposure, 17q21 variants, and early-onset asthma.** *N Engl J Med 2009; 12 : 1255-1256*

1. Rage E, Siroux V, Künzli N, Pin I, Kauffmann F on behalf of the Epidemiological Study on the Genetics and Environment of Asthma (EGEA). **Air pollution and asthma severity in adults.** *Occup Environ Med 2009 ; 66 : 182-188. Epub 2008 Nov18 - PMID: 19017701*
2. Rage E,Jacquemin, Nadif R, Oryszczyn MP, Siroux V, Aguilera I, Kauffmann F, Künzli N on behalf of the Epidemiological Study on the Genetics and Environment of Asthma (EGEA). **Total serum IgE levels are associated with ambient ozone concentration in asthmatic adults.** *Allergy 2009 ;64(1):40-6. Epub 2008 Nov 28. -PMID: 19076539*
3. Rage E, Siroux V, Le Moual N, Pin I, Kauffmann F. **Are asymptomatic airway hyperresponsiveness and allergy risk factors for asthma? A longitudinal study [letter].** *Eur Respir J 2009 ;33:218-9 -PMID: 19118234*
4. Smit LAM, Siroux V, Bouzigon E, Oryszczyn MP, Lathrop M, Demenais F, Kauffmann F on behalf of the EGEA cooperative group. **CD14 and Toll-like receptor gene polymorphisms, country living, and asthma in adults.** *Am J Respir Crit Care Med 2009 ; 179: 363-368 - PMID: 19096003*
5. Nadif R, Siroux V, Oryszczyn MP, Ravault C, Pison C, Pin I, Kauffmann F on behalf of the Epidemiological Study on the Genetics and Environment of Asthma (EGEA). **Heterogeneity of asthma according to blood inflammatory patterns.** *Thorax 2009 ;64:374-80-PMID: 19131450*

Related editorial :Gibson PG. **Tackling asthma phenotypes in community studies**. *Thorax 2009; 64:369-370 -PMID: 19401481*

1. Oryszczyn MP, Van Ree R, Maccario J, Nadif R, Kauffmann F in behalf of the EGEA cooperative group. **Cat sensitization according to cat window of exposure in adult asthmatics.** *Clin Exp Allergy 2009 ; 39 : 1515-1521. May 21. [Epub ahead of print] -PMID: 19486030*
2. Aschard H, Bouzigon E, Corda E, Ulgen A, Dizier MH, Gormand F, Lathrop M, Kauffmann F, Demenais F, on behalf of the EGEA cooperative group. **Sex-specific effect of IL9 polymorphisms on lung function and polysensitization.** *Genes Immun 2009 ; 10 : 559-565 . Jun 18. [Epub ahead of print] -PMID: 19536153*
3. Siroux V, Boudier A, Bousquet J, Bresson JL, Cracowski JL, Ferran J, Gormand F, Just J, Le Moual N, Morange S, Nadif R, Oryszczyn MP, Pison C, Scheinmann P, Varraso R, Vervloet D, Pin I, Kauffmann F on behalf of the Epidemiological Study on the Genetics and Environment of Asthma (EGEA). **Phenotypic determinants of uncontrolled asthma.** *J Allergy Clin Immunol 2009 ;184 : 681-687. Aug 8. [Epub ahead of print] - PMID: 19665764*

Related editorial : Hunninghake GM, Gold DR. **Sexual dimorphism : is it relevant to steroid resistance or asthma control.** *J Allergy Clin Immunol 2009; 184 : 688-690*

1. Smit LAM, Bouzigon E,Pin I, Siroux V, Monier F, Aschard H, Bousquet J, Gormand F, Just J, Le Moual N, Nadif R, Scheinmann P, Vervloet D, Lathrop M, Demenais F, Kauffmann F, EGEA **Cooperative group. 17q21 variants modify the association between early respiratoryinfections andasthma.** *Eur Respir J 2010 36:57-64. 2009 Dec 23 [Epub ahead of print] - PMID: 20032010*
2. † Bouzigon E, Forabosco P, Koppelman GH, Cookson WOCM, Dizier MH, Duffy DL, Evans DM, Ferreira MAR, Kere J, Laitinen T, Malaerba G, Meyers DA, Moffatt M, Martin NG, Ng MY, Pignatti PF, Wjst M, Kauffmann F, Demenais F, Lewis CM. **Meta analysis of 20 genome-wide linkage studies evidenced new regions linked to asthma and atopy.** *Eur J Hum Gen 2010 ;18:700-6.Jan 13 [Epub ahead of print]PMID: 20068594*
3. Nadif R, Matran R, Maccario J, Bechet M, Le Moual N, Scheinmann P, Bousquet J, Kauffmann F, Pin I, on behalf of the Epidemiological Study on the Genetics and Environment of Asthma (EGEA). **Passive and active smoking and exhaled nitric oxide levels according to asthma and atopy in adults.** *Ann Allergy Asthma Immunol 2010 ; 104:385-93. PMID: 20486328*
4. † Moffatt MF, Gut IG,Demenais F, Strachan DP, Bouzigon E, Heath S, von Mutius E, Farrall M, Lathrop M, Cookson WOCM, for the GABRIEL consortium\*. **A Large-Scale, consortium-based Genomewide Association study of asthma**. *N Engl J Med 2010; 363 : 1211-21. PMID :20860503*

\*Members of the GABRIEL consortium

Moffatt MF, Gut IG, Demenais F, Strachan DP, Bouzigon E, Heath S, Kumar A, Burney P, Jarvis D, Wjst M, Kogevinas M, Jogi R, Janson C, Franklin K, Omenaas E, Leynaert B, Pin I, Heinrich J, Kuenzli N, Probst-Hensch NM, Anto JM, Sunyer J, Maldonado JA, Martinez-Moratalla J, Urritia I, Payo F, Kauffmann F, Dizier MH, Siroux V, Boznanski A, Braun-Fahrländer C, Genuneit J, Glas J, Horak E, Kabesch M, Pillai SG, Helms PJ, Carlsen K, Carlsen KH, Gerritsen J, Silverman M, Sly S, Tsanakas J, Von Berg A, Whyte M, Blumenthal M, Imboden M, Rochat T, Thun GA, Gerbase MW, Curjuric I, Gaspoz JM, Liu LJ, Wouters IM, Sigsgaard T, Heederik D, Basinas I, Schlunssen V, Omland Ø, Cullinan P, Vermeulen R, Henderson J, Granell R, McArdle WL, Davey Smith G, James AL, Hui J, Palmer LJ, Beilby J, Musk AW, Laprise C, Hudson TJ, Lemire M, Daley D, Becker A, Chan-Yeung M, Sandford A, Kozyrskyj AL, Paré P, Ferguson A, Dimich-Ward H, Watson WT, Freidin MB, Bragina EL, Deev IA, Deeva EV, Kobyakova OS, Puzyrev VP, Ogorodova LM, Khusnutdinova EK, Karunas S, Fedorova YY, Hall IP, Sayers I, Tobin MD, Wan YI, Heaney LG, Al-Momani BAH, Mansur AH, Manney S, Thomson NC, Chaudhuri R, Brightling CE, Bafadhel M, Singapuri A, Niven R, Simpson A, Holloway JW, Howarth PH, Polonikov AV, Ivanov VP, Solodilova MA, Melén E, Pershagen G, Bergström A, Kull I, Nyberg F, Wickman M, Söderhäll C, Kere J, Postma DS, Kerkhof M, Brunekreef B, Smit HA, de Jongste JC, Wijga A, Aalberse RC, Hoekstra MO, Koppelman GH, Binia A, Chung KF, Bhavsar P, Chow F, Macedo P, Menzies-Gow A, Stiphout N, Bush A, Lee YA, Esparza-Gordillo J, Nickel R, Wahn U, Lau S, Marenholz I, Haahtela T, von Hertzen L, Jousilahti P, Laatikainen T, Mäkelä MJ, Vartiainen E, Laitinen T, Balding DJ, Peden JF, Corda E, Lechner D, Besse C, Zelenika C, Boland A, Bacq D, Demonchy S, Blanche H, Kamatani Y, von Mutius E, Farrall M , Lathrop M, Cookson WOCM.

1. Dumas O, Smit LAM, Kromhout H, Siroux V, Nadif R, Vermeulen R, Heederik D, Hery M, Choudat D, Kauffmann F, Le Moual N, on behalf of the Epidemiological Study on the Genetics and Environment of Asthma. **Do young adults with childhood asthma avoid occupational exposures at first hire ?** *Eur Respir J 2011 ; 37 : 1043-49. 2010 Sept 30 [ahead of print]. PMID:20884739*
2. † Kauffmann F, Varraso R. **The epidemiology of cough**. *Pulm Pharmacol Ther 2011 ; 24 ; 289-294 - 2010 Oct 28 [Epub ahead of print] --PMID:21044889*
3. † Siroux V, Basagaña X, Boudier A, Pin I, Garcia-Aymerich J, Vesin A, Slama R, Jarvis D, AntóJM, Kauffmann F, Sunyer J. **Identifying clinical phenotypes of asthma using clustering approach**. *Eur Respir J 2011 ;38 : 310-317. Jan 13 [Epub ahead of print] PMID: 21233270*
4. Zerimech F, Huyvaert H, Matran R, Nadif R. **Usefulness of a new dialysis device adapted to small volume of red blood cells and its interest inepidemiology**. *Clin Biochem 2011 ; 44 : 739-741. Mar 18. [Epub ahead of print] PMID:21406190*
5. Donnay C, Denis MA, Magis R, Fevotte J, Massin N, Dumas O, Pin I, ChoudatD, Kauffmann F, Le Moual N. **Under-estimation of self-reported occupational exposure by questionnaire in hospital workers.** *Occ Environ Med 2011 ; 68:611-7. Apr 21. [Epub ahead of print] PMID: 21515550*
6. Smit LAM, Bouzigon E, Bousquet J, Le Moual N, Nadif R, Pin I, Lathrop M, Demenais F, Kauffmann F, Siroux V, on behalf of the Epidemiological Study on the Genetics and Environment of Asthma. **Mold allergen sensitization in adult asthma according to ITGB3 polymorphisms and TLR2/+596 genotype.** *J Allergy Clin Immunol 2011; 128 :185-191.e7. May 13. [Epub ahead of print] PMID:21570717*
7. Vignoud L, Pin I, Boudier A, Pison C, Nadif R, Le Moual N, Slama R, NguileMakao M, Kauffmann F, Siroux V. **Smoking and asthma: disentangling their mutual influences using alongitudinal approach.** *Respir Med 2011 ; 105 :1085-1814. Aug 26 [Epub ahead of print] PMID: 21873041*
8. Jacquemin B, Kauffmann F, Pin I, Le Moual N, Bousquet J,Gormand F, Just J, Nadif R, Pison C, Scheinmann P,Vervloet D, Künzli N, Siroux V. **Air pollution and asthma control in the Epidemiological study on Genetics and Environment of Asthma.** *J Epidemiol Community Health 2012 ;66:796-802. 2011 Jun 20. [Epub ahead of print]. PMID:21690606*
9. Siroux V, Garcia-Aymerich J. **The investigation of asthma phenotypes**. *Current Opinion in Allergy and Clinical Immunology 2011,11:393-9.*
10. Siroux V, Boudier A, Bousquet J, Vignoud L, Gormand F, Just J, Le Moual N, Leynaert B, Nadif R, Pison C, Scheinmann P, Vervloet D, Antó JM, Kauffmann F, Pin I. **Asthma control assessed in the EGEA epidemiological survey and health-related quality of life.** *Respir Med 2012;106:820-8 Feb 22. [Epub ahead of print] PMID: 22365669*
11. † Imboden M, Bouzigon E, Curjuric I, Ramasamy A, Kumar A, Hancock DB, Wilk JB, Vonk J, Thun GA, Siroux V, Nadif R, Monier F, Gonzalez JR, Wjst M, Heinrich J, Loehr L, Franceschini N, North KE, Koppelman GH, Guerra S, Kronenberg F, Lathrop, Moffatt MF, O'Connor GT, Strachan DP, Postma D, London SJ, Schindler C, Kogevinas M, Kauffmann F, Jarvis DL, Demenais F, Probst-Hensch. **Genome wide association study of lung function decline in adults with and without asthma.** *J Allergy ClinImmunol 2012 ; 129 :1218-28 PMID 22424883*
12. † Smit L, Kogevinas M, Anto JM, Bouzigon E, González JR, Le Moual N,Kromhout H, Carsin AE, Pin I, Jarvis D, Vermeulen R, Janson C, Heinrich J, Gut I, Lathrop M, Valverde MA, Demenais D, Kauffmann F. **Transient receptor potential (TRP) genes, smoking, occupational exposures and cough in adults.** *Respiratory Research 2012 ; 13:26 PMID: 22443337*
13. Le Moual N, Varraso R, Siroux V, Dumas O, Nadif R, Pin I, Zock JP, Kauffmann F. **Domestic use of cleaning sprays and asthma activity in females.** *Eur Respir J 2012; 40:1381-9. April 10 [Epub ahead of print] PMID: 22496323*
14. Bouzigon E, Monier F, Boussaha M, Le Moual N, Huyvaert H, Matran R, Letort S, Bousquet J, Pin I, Lathrop M, Kauffmann F, Demenais F, Nadif R, on behalf of the EGEA Cooperative Group. **Associations between nitric oxide synthase genes and exhaled NO-related phenotypes according to Asthma Status**. *PLoS One. 2012;7:e36672. Epub 2012 May 9. PMID:22590587*
15. † Dizier MH, Margaritte-Jeannin P, Madore AM, Esparza-Gordillo J, Moffatt M, Corda E, Monier F, Guilloud-Bataille M, Franke A, Weidinger S, Annesi-Maesano I, Just J, Pin I, Kauffmann F, Cookson W, Lee YA, Laprise C, Lathrop M, Bouzigon E, Demenais F. **The ANO3/MUC15 locus is associated with eczema in familiesascertained through asthma.** *J Allergy Clin Immunol 2012 ;129:1547-1553.e3.PMID:22657408*
16. Rava M, Varraso R, Huyvaert H, Decoster B, Le Moual N, Jacquemin B, Künzli N, Kauffmann F, Zerimech F, Matran R,Nadif R. **Plasma and exhaled breath condensate nitrite-nitrate level in relation to environmental exposures in adults in the EGEA study.** *Nitric Oxide 2012 ;27:169-175. PMID:22750238*
17. Dumas O, Donnay C, Heederik D, Hery M, Choudat D, Kauffmann F, Le Moual N. **Occupational exposure to cleaning products and asthma in female hospital workers.** *Occup Environ Med 2012 ; 69 : 883-889. Oct 2. [Epub ahead of print]. PMID:23033509*
18. † Varraso R, Garcia-Aymerich J , F Monier, Le Moual N, De Battle J, Miranda G, Pison C, Romieu I, Kauffmann F, Maccario J. **Assessment of dietary patterns in nutritional epidemiology: principal component analysis vs. confirmatory factor analysis**. *Am J Clin Nutr 2012 ;96:1079-92. doi: 10.3945/ajcn.112.038109. Epub 2012 Oct 3. PMID:23034967*
19. Babron MC, Guilloud-Bataille M, Sahbatou M, Demenais F, Génin E, Dizier MH. **Comparative power of family-based association strategies to detect disease-causing variants under two-locus models**. *Genet Epidemiol 2012; 36:848-55. doi: 10.1002/gepi.21672. Aug 9 [Epub ahead of print] PMID: 22887021*
20. Kauffmann F, Demenais F. **Gene environment interactions in asthma and allergic diseases: challenges and perspectives*.*** *J Allergy Clin Immunol 2012 ;130 :1229-1240*
21. † Melén E , Granell R, Kogevinas M, Strachan D, Gonzalez JR, Wjst M, Jarvis D, Ege M, Braun-Fahrländer C, Genuneit J, Horak E, Bouzigon E, Demenais F, Kauffmann F, Siroux V, Michel S, von Berg A, Heinzmann A, Kabesch M, Probst-Hensch NM, Curjuric I, Imboden M, Rochat T, Henderson J, Sterne JAC, McArdle WL, Hui J, James AL, Musk AW, Palmer LJ, Becker A, Kozyrskyj AL, Chan-Yeung M, Park JE, Leung A, Daley D, Freidin MB, Deev IA, Ogorodova LM, Puzyrev VP, Celedón J, Soto-Quiros M, Avila L, Bergström A, Söderhäll C, Kull I, Scholtens S, Boezen HM, Koppelman GH, Wijga AH, Marenholz I, Esparza-Gordillo J, Lau S, Lee YA, Farrall M, Kumar A, Moffatt MF, Cookson WOCM, Weiss ST, Lasky-Su J. **Genome-wide association study of body mass index in 24,000 Caucasian individuals with and without asthma.** *[Clin Exp Allergy.](http://www.ncbi.nlm.nih.gov/pubmed/23517042" \t "_blank" \o "Clinical and experimental allergy : journal of the British Society for Allergy and Clinical Immunology.) 2013 ;43:463-74. doi: 10.1111/cea.12054.*
22. Dumas O, Le Moual N, Siroux V, Heederik D, Garcia-Aymerich J, Varraso R, Kauffmann F, Basagaña X. Work related asthma. **A causal analysis controlling the healthy worker effect**. *[Occup Environ Med.](http://www.ncbi.nlm.nih.gov/pubmed/23759534" \t "_blank" \o "Occupational and environmental medicine.) 2013 ;70:603-10. doi: 10.1136/oemed-2013-101362. Epub 2013 Jun 12.*
23. † Boudier A, Curjuric I, Basagaña X, Hazgui H, Anto JM, Bousquet J, Bridevaux PO, Dupuis-Lozeron E, Garcia-Aymerich J, Heinrich J, Janson C, Künzli N, Leynaert B, de Marco R, Rochat T, Schindler C, Varraso R, Pin I, Probst-Hensch N, Sunyer J, Kauffmann F, Siroux V. **10 Year-Follow up of Cluster-Based Asthma Phenotypes in Adults. A Pooled Analysis of Three Cohorts.** *[Am J Respir Crit Care Med.](http://www.ncbi.nlm.nih.gov/pubmed/23777340" \t "_blank" \o "American journal of respiratory and critical care medicine.) 2013; 188 : 550-60. Jun 18 [Epub ahead of print].* *doi: 10.1164/rccm.201301-0156OC. PMID: 23777340*
24. Rava M, Ahmed I, Demenais F, Sanchez M, Tubert-Bitter P, Nadif R. **Selection of genes for gene-environment interaction studies: a candidate pathway-based strategy using asthma as an example.** *[Environ Health.](http://www.ncbi.nlm.nih.gov/pubmed/23822639" \t "_blank" \o "Environmental health : a global access science source.) 2013 3;12:56. doi: 10.1186/1476-069X-12-56.*
25. † Jacquemin B, Lepeule J, Boudier A, Arnould C, Benmerad M, Chappaz C, Ferran J, Kauffmann F, Morelli X, Pin I, Pison C, Rios I, Temam S, Künzli N, Slama R, Siroux V. **Impact of Geocoding Methods on Associations between Long-term Exposure to Urban Air Pollution and Lung Function.** *[Environ Health Perspect.](http://www.ncbi.nlm.nih.gov/pubmed/23823697" \t "_blank" \o "Environmental health perspectives.) 2013 ; 121 :1054-60. doi: 10.1289/ehp.1206016. Epub 2013 Jul 1. PMID:23823697*
26. † Li L, Kabesch M, Bouzigon E, Demenais F, Farrall M, Moffatt MF, Lin X, Liang L. **Using eQTL weights to improve power for genome-wide association studies: a genetic study of childhood asthma***. [Front Genet](http://www.ncbi.nlm.nih.gov/pubmed/23755072" \t "_blank). 2013; 4:103. doi: 10.3389/fgene.2013.00103. eCollection 2013.*
27. † Scholtens S, Postma DS, Moffatt MF, Panasevich S, Granell R, Henderson AJ, Melén E, Nyberg F, Pershagen G, Jarvis D, Ramasamy A, Wjst M, Svanes C, Bouzigon E, Demenais F, Kauffmann F, Siroux V, von Mutius E, Ege MJ, Braun-Fahrländer C, Genuneit J and the GABRIELA study group, Brunekreef B, Smit HA, Wijga AH, Kerkhof M, Curjuric I, Imboden M, Thun GA, Probst-Hensch N, Freidin MB, Iu. Bragina E, Deev IA, Puzyrev VP, Daley D, Park J, Becker A, Chan-Yeung M, Kozyrskyj AL, Pare P, Marenholz I, Lau S, Keil T, Lee Y, Kabesch M, Wijmenga C, Franke L, Nolte IM, Vonk J, Kumar A, Farrall M, Cookson WOCM, Strachan DP, Koppelman GH, Boezen HM. **Novel childhood asthma genes interact with in utero and early life tobacco smoke exposure.** *[J Allergy Clin Immunol.](http://www.ncbi.nlm.nih.gov/pubmed/24315450" \t "_blank) 2014; 133 : 885-8. doi: 10.1016/j.jaci.2013.08.049. Epub 2013 Dec 6. PMID:24315450*
28. † Van der Valk RJP, Duijts L, Timpson NJ, Salam MT, Standl M, Curtin JA, Genuneit J, Kerhof M, Kreiner-Møller E, Cáceres A, Gref A, Liang LL, H Rob Taal, Bouzigon E, Demenais F, Nadif R, Ober C, Thompson EE, Estrada K, Hofman A, Uitterlinden AG, van Duijn C, Rivadeneira F, Li X, Eckel SP, Berhane K, Gauderman WJ, Granell R, Evans DM, St Pourcain B, McArdle W, Kemp JP, Davey Smith G, Carla MT Tiesler CMT, Flexeder C, Simpson A, Murray CS, Fuchs O, Postma DS, Bønnelykke K, Torrent M, Andersson M, Sleiman P, Hakonarson H, Cookson WO, Moffatt MF, Paternoster L, Melén E, Sunyer J, Bisgaard H, Koppelman GH, Ege M, Custovic A, Heinrich J, Gilliland FD, Henderson AJ, Jaddoe VWV, de Jongste JC for the EArly Genetics & Lifecourse Epidemiology (EAGLE) Consortium. **Fraction of exhaled nitric oxide values in childhood are associated with 17q11.2-q12 and 17q12-q21 variants*.*** *[J Allergy Clin Immunol.](http://www.ncbi.nlm.nih.gov/pubmed/24315451" \t "_blank) 2014 ;134:46-55. doi: 10.1016/j.jaci.2013.08.053. Epub 2013 Dec 6.PMID:24315451*
29. Dumas O, Siroux V, Luu F, Nadif R, Zock JP, Kauffmann F, Le Moual N. **Cleaning and asthma characteristics in women.** *[Am J Ind Med.](http://www.ncbi.nlm.nih.gov/pubmed/23955502" \t "_blank) 2014;57:303-11. doi: 10.1002/ajim.22244. Epub 2013 Aug 19.*
30. † Siroux V, González JR, Bouzigon E,Curjuric I, Boudier A, Imboden M, Anto JM, Gut I, Jarvis D, Lathrop M, Omenaas ER, Pin I, Wjst M, Demenais F, Probst-Hensch N, Kogevinas M, Kauffmann F. **Genetic heterogeneity of asthma phenotypes identified by a clustering approach***. [Eur Respir J.](http://www.ncbi.nlm.nih.gov/pubmed/24311777" \t "_blank) 2014 ;43:439-52. doi: 10.1183/09031936.00032713. Epub 2013 Dec 5.*
31. Dizier MH, Margaritte-Jeannin P, Madore AM, Moffatt M, Brossard M, Lavielle N , Sarnowski C, Just J, Cookson W, Lathrop M, Laprise C, Bouzigon E, Demenais F. **The nuclear factor I\_A (NFIA) gene is associated with the asthma plus rhinitis phenotype.** *J Allergy Clin Immunol. 2014 ;134:576-582.e1. doi: 10.1016/j.jaci.2013.12.1074. Epub 2014 Feb 20. PMID:24560411*
32. † Gonzales JR, Caceres A, Esko T, Cusco I, Puig M, Esnaola M, Reina J, Siroux V, Bouzigon E, Nadif R, Reinmaa E, Milani L, Bustamante M, Jarvis D, Anto JM, Sunyer J, Demenais F, Kogevinas M, Metspalu A, Caceres M, Perez-Jurado LA. **A common 16p11.2 inversion underlies the joint suscepptibility to asthma and obesity.** *[Am J Hum Genet.](http://www.ncbi.nlm.nih.gov/pubmed/24560518" \t "_blank) 2014;94:361-72. doi: 10.1016/j.ajhg.2014.01.015. Epub 2014 Feb 20*
33. Nadif R, Rava M, Decoster B, Huyvaert H, Le Moual N, Bousquet J, Siroux V, Varraso R, Pin I, Zerimech F, Matran R. **Exhaled No, nitrite/nitrate levels, allergy, rhinitis and asthma in the EGEA study.** [*Eur Respir J.*](http://www.ncbi.nlm.nih.gov.gate2.inist.fr/pubmed/24791832) *2014 ;44:351-60. doi: 10.1183/09031936.00202413. Epub 2014 May 2.*
34. † Jeebhay MF, Ngajilo D, Le Moual N. **Risk factors for nonwork-related adult-onset asthma and occupational asthma: a comparative review.** *[Curr Opin Allergy Clin Immunol.](http://www.ncbi.nlm.nih.gov/pubmed/24535141" \t "_blank) 2014;14:84-94. doi: 10.1097*
35. Le Moual N, Le Moual N, Rava M, Siroux V, Matran R, Nadif R, on behalf of the Epidemiological Study on the Genetics and Environment of Asthma. **Use of household cleaning products, exhaled nitric oxide and lung function in women.** *Eur Respir J. 2014;44:816-8. doi: 10.1183/09031936.00213813. PMID:25176956*
36. † Smit LAM, Strachan D.P, Vermeulen R, de Bakker P.I.W, Demenais F, Dumas O, Carsin A-E, Cullinan P, Curjuric I, Ghosh RE, Heederik D, Imboden M, Jarvis D, Lathrop M, Le Moual N, Mehta A, Miedinger D, Sigsgaard T, Siroux V, Vernez D, Zock JP, Kauffmann F, Probst-Hensch N, Kogevinas M, Bouzigon E. **HLA-II variants and adult-onset asthma: does occupational allergen exposure play a role?** *Eur Respir J. 2014 ;44:1234-42. doi: 10.1183/09031936.00068014. Epub 2014 Jul 17.PMID:25034568*
37. Dumas O, Siroux V, Le Moual N, Varraso R*.* **Approches d'analyse causale en épidémiologie / Causal analysis approaches in epidemiology***. Rev Epidemiol Santé Pub 2014, 62:53-63.*
38. Chanoine S, Dumas O, Benmerad M, Pison C, Varraso R, Gormand F, Just J, Le Moual N, Bedouch P, Bousquet J, Kauffmann F, Pin I, Siroux V. **Long-term benefits of inhaled corticosteroids in asthma: the propensity score method.** *Pharmacoepidemiol Drug Saf. 2015 ;24:246-55. doi: 10.1002/pds.3639. Epub 2014 Jun 26. PMID:24966014*
39. † Adam M, Schikowski T, Carsin A.E, Cai Y, Jacquemin B, Sanchez M, Vierkötter A, Marcon A, Keidel D, Sugiri D, Kanani Z.A, Nadif R, Siroux S, Hardy R, Kuh D, Rochat T, Bridevaux P.O, Eeftens M, Tsai M.Y, Villani S, Chandra Phuleria H, Birk M, Cyrys J, Cirach M, de Nazelle A, Nieuwenhuijsen M, Forsberg B, de Hoogh K, Declerq C, Bono R, Piccioni P, Quass U, Heinrich J, Jarvis D, Pin I, Beelen R, Hoek G, Brunekreef B, Schindler C, Sunyer J, Krämer U, Kauffmann F, Hansell A.L, Künzli N, Probst-Hensch N. **Long-term exposure to air pollution and lung function in adults: multicentre cohort study and meta-analysis, the ESCAPE project.** *Eur Respir J. 2015;45:38-50. doi: 10.1183/09031936.00130014. Epub 2014 Sep 5. PMID:25193994*
40. † Sanchez M, Varraso R, Bousquet J, Clavel-Chapelon F, Pison C, Kauffmann F, Humbert M, Siroux V. **Perceived long-term change in respiratory health: validity and predictive ability.** *Respir Med. 2015 ;109:188-99. doi: 10.1016/j.rmed.2014.11.010. Epub 2014 Dec 3. PMID:25534930.*
41. † Bouziguon E, Nadif R, Thompson EE, Concas MP, Kuldanek S, Du G, Brossard M, Lavielle N, Sarnowski C, Vaysse A, Dessen P, van der Valk RJP, Duijts L, Henderson AJ, Jaddoe VWV, de Jongste JC, GABRIEL consortium, EArly Genetics & Lifecourse Epidemiology (EAGLE) Consortium, Casula S, Biino G, Dizier MH, Pin I, Matran R, Lathrop M, Pirastu M, Florence Demenais F, Ober C. A **Common variant in RAB27A gene is associated with fractional exhaled nitric oxide levels in adults.** *Clin Exp Allergy. 2015 Apr;45(4):797-806. doi: 10.1111/cea.12461.PMID:25431337*
42. † Jacquemin B, Siroux V**,** Sanchez M, Carsin AE, Schikowski T, Adam M, Bellisario V, Buschka A, Bono R, Brunekreef B, Cai Y, Cirach M, Clavel-Chapelon F, Declercq C, de Marco R, de Nazelle A, Ducret-Stich RE, Ferretti VV, Gerbase MW, Hardy R, Heinrich J, Janson C, Jarvis D, Al Kanaani Z, Keidel D, Kuh D, Le Moual N, Nieuwenhuijsen MJ, Marcon A, Modig L, Pin I, Rochat T, Schindler C, Sugiri D, Stempfelet M, Temam S, Tsai MY, Varraso R, Vienneau D, Vierkötter A, Hansell AL, Krämer U, Probst-Hensch NM, Sunyer J, Künzli N, Kauffmann F. **Ambient air pollution and adult asthma incidence in six European cohorts (ESCAPE*).*** *Environ Health Perspect. 2015 Feb 24. [Epub ahead of print]. PMID:*25712593
43. Bouzigon E, Nadif R, Le Moual N, Dizier MH, Aschard H, Boudier A, Bousquet J, Chanoine S, Donnay C, Dumas O, Gormand F, Jacquemin B, Just J, Margaritte-Jeannin P, Matran R, Pison C, Rage E, Rava M, Sarnowski C, Smit L.A.M, Temam S, Varraso R, Vignoud L, Lathrop M, Pin I, Demenais F, Kauffmann F, Siroux V. **Facteurs génétiques et environnementaux de l’asthme et de l’allergie; Etude EGEA : Synthèse des résultats.** *Rev Mal Respir. 2015 Mar 17. doi: 10.1016/j.rmr.2014.12.005. [Epub ahead of print] PMID:25794998*
44. Dumas O, Matran R, Zerimech F, Decoster B, Huyvaert H, Ahmed I, Le Moual N, Nadif R.  
    **Occupational exposures and Fluorescent Oxidation Products in 723 adults of the EGEA study**. *Eur Respir J 2015 (sous presse)*

† Papers based on EGEA and other studies

Reviews without original data from the EGEA study but linked to research activities conducted in EGEA

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