

CURRICULUM VITAE

Simone Accordini

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Simone Accordini was born in 1971

EDUCATION

2000 Postgraduate specialization diploma in Health Statistics, University of Pavia, Italy
1997 Master's degree in Statistical and Demographic Sciences, University of Padova, Italy

MOBILITY

2000 Biostatistics Group, University of Manchester, UK

CURRENT AND PREVIOUS POSITIONS

2018 Italian National Scientific Habilitation for the role of Full Professor (06/M1 - General and Applied Hygiene, Nursing and Medical Statistics)
2014-present Associate Professor (MEDS-24/A - Medical Statistics, former MED/01), UNIVR
2014 Italian National Scientific Habilitation for the role of Associate Professor (06/M1 - General and Applied Hygiene, Nursing and Medical Statistics)
2002-2014 Assistant Professor (MED/01 - Medical Statistics), UNIVR
2001-2002 Graduate Technician (level D1), UNIVR
1999-2001 Research grant on the topic "*Bronchial asthma in the adult Italian population: prevalence, treatment and natural history of the disease. The European Community Respiratory Health Survey (ECRHS) II in Italy*", UNIVR
1997-1999 Study scholarship for research on the topic "*Asthma epidemiology in Italy: prevalence, incidence and cost of the disease*", UNIVR

RESEARCH INTERESTS

Epidemiology of asthma and chronic obstructive pulmonary disease (COPD), multi-generation epidemiology, genetic association studies, cost-of-illness studies

PROJECT MANAGEMENT

2023-present	Coordinator of Work Package 7 “ <i>Data and statistical analyses</i> ”, Italian project “ <i>Fine definition of systemic and mucosal response in SARS-CoV-2 vaccinated subjects</i> ”
2020-present	Partner of the Norwegian R&D project “ <i>Lifespan and inter-generational respiratory effects of exposures to greenness and air pollution: the Life-GAP project</i> ”
2018-2022	Partner of the Norwegian R&D project “ <i>Preconception exposures and related epigenetic mechanisms in asthma and allergies</i> ” (<u>funding received as beneficiary</u>)
2016-present	Member of the steering committee, Italian multicentre survey “ <i>Gene Environment Interactions in Respiratory Diseases (GEIRD)</i> ”
2015-2019	Principal investigator (PI) of the Verona Unit and coordinator of tasks 2.5 “ <i>Develop statistical models for transgenerational analyses</i> ” and 6.3 “ <i>Impact of public health strategies to decrease COPD burden in Europe</i> ”, international project “ <i>Ageing Lungs in European Cohorts (ALEC)</i> ” (<u>funding received as beneficiary</u>)
2015-present	Member of the steering committee/coordinating group, coordinator of the Italian centres and PI of the Verona Unit, international multicentre survey “ <i>European Community Respiratory Health Survey (ECRHS)</i> ”
2014-present	Member of the scientific advisory board, international multicentre survey “ <i>Respiratory Health In Northern Europe, Spain and Australia (RHINESSA)</i> ”
2010-present	Coordinator of the study group “ <i>Genetic epidemiology</i> ”, GEIRD
2006-2013	Trial statistician, Italian multicentre randomized pragmatic trial “ <i>Clozapine Haloperidol Aripiprazole Trial (CHAT)</i> ”
2003-present	Coordinator of the study group “ <i>Socio-economic burden of asthma in Europe</i> ”, ECRHS
1997-2006	Coordinator of the study group “ <i>Socio-economic burden of asthma in Italy</i> ”, Italian multicentre survey “ <i>Italian Study on Asthma in Young Adults (ISAYA)</i> ”

MAIN FUNDING RECEIVED AS BENEFICIARY

2018-2022	Collaboration Agreement (task “ <i>Statistical analyses of multi-generation human data</i> ”), The Research Council of Norway FRIPRO Toppforsk R&D project “ <i>Preconception exposures and related epigenetic mechanisms in asthma and allergies</i> ” (Coordinator: University of Bergen, Norway): €60,000
2015-2019	European Union's Horizon 2020 Research and Innovation Programme (grant No. 633212), international project “ <i>Ageing Lungs in European Cohorts (ALEC)</i> ” (Coordinator: Imperial College London, UK): €405,000

SUPERVISION OF GRADUATE STUDENTS AND RESEARCH FELLOWS

2005-present Seven research fellows, eight PhD students, three Specialization School students, one 2nd level University Master student, one European Master student, one Master's degree student, one Bachelor's degree student

TEACHING ACTIVITIES (UNIVR)

2002-present Teaching (Medical Statistics, Statistics for Experimental and Technological Research, Informatics) in:

- Bachelor's Degrees (Health assistance - Trento, Physiotherapy, Nursing - Bolzano and Verona, Speech therapy, Obstetrics, Psychiatric rehabilitation techniques, Audioprosthesis techniques, Cardiocirculatory physiopathology techniques and cardiovascular perfusion, Biomedical laboratory techniques)
- Master's Degrees (Medical bioinformatics, Nursing and Obstetrics - Bolzano)
- Combined Bachelor's and Master's degree (Dentistry and dental prosthetics)
- 1st level University Masters (Management for health professions coordination functions - Bolzano, Geriatric nursing - Bolzano, Advanced psychiatric nursing - Bolzano, Managerial techniques for nursing care coordinators - Bolzano)
- 2nd level University Master (Evaluative epidemiology)
- European Master (Sustainable Regional Health Systems)
- Specialization Schools (Pathological Anatomy, General Surgery, Hematology, Medical Genetics, Geriatrics, Hygiene and Preventive Medicine, Diseases of the Respiratory System, Occupational Medicine, Legal Medicine, Health Statistics and Biometrics)
- PhD Programmes (Biosciences, Applied Life and Health Sciences)

1999-2001 *Professore a contratto* of the module "General Informatics", University Diploma for Nurse (Vicenza)

INSTITUTIONAL DUTIES

2022-present Coordinator of the PhD Programme "*Applied Life and Health Sciences*", UNIVR

2021-present Member of the Junta, Department of Diagnostics and Public Health, UNIVR

2021-present Member of the Human Research Approval Committee (CARP), UNIVR

2021-2023 Coordinator of the Spin off Commission, Department of Diagnostics and Public Health, UNIVR

2019-2023 Delegate for the Third Mission, Department of Diagnostics and Public Health, UNIVR

2018-present Member of the Council, School of Medicine and Surgery, UNIVR

2013-2017 Member of the Steering Board, Italian Society of Medical Statistics and Clinical Epidemiology (SISMEC)

2009-2012 Member of the "*Research and Innovation Team*" working group, Hospital and UNIVR

COMMISSIONS OF TRUST

2020-2021	Member of the Data and Safety Monitoring Board (DSMB) in a randomised clinical trial
2019	Remote referee of a research project, “ <i>ERC Consolidator Grant - 2019</i> ” call, European Research Council (ERC)
2014-2022	Associate Editor of BMC Pulmonary Medicine
2013-2021 and 2025	Peer reviewer of the abstracts for the European Respiratory Society (ERS) annual congress
2013	Peer reviewer of a research project, “ <i>Futuro in ricerca 2013</i> ” call, Italian Ministry of Education, University and Research
2012	Peer reviewer, the Italian Research Quality Assessment exercise (VQR) 2004-2010
2004-present	Peer reviewer for the following scientific journals: Allergy, American Journal of Respiratory and Critical Care Medicine, BMC Pulmonary Medicine, British Medical Journal, Canadian Respiratory Journal, European Respiratory Journal, Frontiers in Cardiovascular Medicine, International Journal of Epidemiology, Journal of Allergy and Clinical Immunology, Journal of Epidemiology and Community Health, Respiration, Thorax

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

2012-present	European Respiratory Society (ERS)
2001-present	Italian Society of Medical Statistics and Clinical Epidemiology (SISMEC)

SKILLS

Epidemiology of asthma and COPD	Design of multi-centre population-based observational studies, analyses of the socio-economic burden, analyses of the temporal trend in the prevalence and incidence, development of continuous scores for measuring asthma severity, multi-generation analyses of the effects of risk factors in different susceptibility periods
Statistical methods in multi-centre and multi-generation epidemiological studies	Multi-level regression models, multi-level mediation models for the analysis of multi-generation data, Age-Period-Cohort models
Socio-economic burden of asthma	Design and analysis of international cost-of-illness studies, evaluation of the determinants of the socio-economic cost (zero-inflated outcomes)
Genetic epidemiology	Analyses of the association among SNPs in candidate gene regions and (non-normally distributed) continuous outcomes, multiple-testing, mediation analyses, LASSO regression, machine learning

TRACK RECORD (October 1st, 2025)

N° of publications* (first/second/last author):	115 (13/17/12)
N° of other publications**:	7
H-index:	40 (Scopus), 37 (WoS)
Citation number:	5626 (Scopus), 5002 (WoS)
Overall (average) IF, years of publication:	704 (6.1)
Overall (average) IF, year 2021:	1294 (11.3)

IF: Impact Factor

* publications in extenso in journals indexed in Pubmed, Scopus and/or Web of Science (WoS)

** monographs, publications in extenso in national journals, book chapters

KEY PUBLICATIONS

Garcia-Aymerich J, de las Heras M, Carsin AE, **Accordini S**, et al. General population-based lung function trajectories over the life course. An accelerated cohort study. *Lancet Respir Med* 2025;13:611-22.

Published with editorial (Stanojevic S. *Lancet Respir Med* 2025;13:573-4).

Ruggiero A, Piubelli C, Calciano L, **Accordini S**, et al. SARS-CoV-2 vaccination elicits unconventional IgM specific responses in naïve and previously COVID 19-infected individuals. *EBioMedicine* 2022;77:103888.

Published with editorial (Fraussen J. *EBioMedicine* 2022;77:103922).

Accordini S, et al. Prenatal and prepubertal exposures to tobacco smoke in men may cause lower lung function in future offspring: a three-generation study using a causal modelling approach. *Eur Respir J* 2021;58:2002791.

Marcon A, Locatelli F, Dharmage SC, Svanes C, Heinrich J, Leynaert B, Burney P, Corsico A, Caliskan G, Calciano L, Gislason T, Janson C, Jarvis D, Jögi R, Lytras T, Malinovschi A, Probst-Hensch N, Toren K, Casas L, Verlato G, Garcia-Aymerich J, **Accordini S**. The coexistence of asthma and COPD: risk factors, clinical history and lung function trajectories. *Eur Respir J* 2021;58:2004656.

Published with editorial (Mannino DM. *Eur Respir J* 2021;58:2101329).

Marcon A, Pesce G, Calciano L, Bellisario V, Dharmage SC, Garcia-Aymerich J, Gislason T, Heinrich J, Holm M, Janson C, Jarvis D, Leynaert B, Matheson MC, Pirina P, Svanes C, Villani S, Zuberbier T, Minelli C, **Accordini S**. Trends in smoking initiation in Europe over 40 years: A retrospective cohort study. *PLoS One* 2018;13:e0201881.

Results disseminated in international/Italian print/online newspapers (e.g., CNN, El Pais, ANSA, Corriere della Sera) and television/radio programs.

Accordini S, et al. A three-generation study on the association of tobacco smoking with asthma. *Int J Epidemiol* 2018;47:1106-17.

Published with editorial (Arah OA. *Int J Epidemiol* 2018;47:1117-9).

Accordini S, et al. The cost of persistent asthma in Europe: an international population-based study in adults. *Int Arch Allergy Immunol* 2013;160:93-101.

**PUBLICATIONS IN EXTENSO IN JOURNALS INDEXED IN
PUBMED, SCOPUS AND/OR WEB OF SCIENCE
(October 1st, 2025)**

- 1) Kitaba NT, Østergaard TM, Lønnebotn M, **Accordini S**, Real FG, Malinovschi A, Oudin A, Benediktsdottir B, Callejas González FJ, Palacios Gómez L, Holm M, Jøgi NO, Dharmage SC, Skulstad SM, Schlünssen V, Svanes C, Holloway JW. Father's adolescent body silhouette associated with offspring asthma, lung function and BMI through DNA methylation. *Commun Biol* 2025;8:796.
- 2) Sinsamala RM, Marcon A, Bertelsen RJ, **Accordini S**, Brandt J, Frohn LM, Geels C, Gislason T, Holm M, Janson C, Malinovschi A, Markevych I, Orru H, Oudin A, Gomez Real F, Sigsgaard T, Skulstad SM, Svanes C, Johannessen A. Associations of parental air pollution and greenness exposures with offspring asthma outcomes. *Environ Res* 2025;274:121328.
- 3) Garcia-Aymerich J, de las Heras M, Carsin AE, **Accordini S**, Agustí A, Bui D, Dharmage SC, Dodd JW, Gehring U, Gislason T, Granell R, Imboden M, Íñiguez C, Jeong A, Koch S, Koppelman GH, Leynaert B, Melén E, Perret J, Probst-Hensch N, Santa-Marina L, Torrent M, Vicendese D, Vonk JM, de Vries M, Walters EH, Wang G, Wedzicha JA, Jarvis D, Faner R. General population-based lung function trajectories over the life course. An accelerated cohort study. *Lancet Respir Med* 2025;13:611-22.
- 4) Hatic E, Färdig M, Amaral AFS, Jarvis D, **Accordini S**, Bousquet J, Garcia Aymerich J, Tan WC, Zuberbier T, Janson C, Malinovschi A. Evaluation of recently proposed thresholds to define spirometry bronchodilator response. *ERJ Open Res* 2025;11:01162-2024.
- 5) James AL, Caliskan G, Pesce G, **Accordini S**, Abramson MJ, Bui D, Musk AW, Knuiman MW, Perret JL, Jarvis D, Minelli C, Calciano L, Hui J, Hunter M, Thomas PS, Walters EH, Garcia-Aymerich J, Dharmage SC, Marcon A. Trends in smoking initiation and cessation over a century in two Australian cohorts. *PLoS One* 2024;19:e0307386.
- 6) López-Cervantes JP, Schlünssen V, Senaratna C, **Accordini S**, Callejas FJ, Franklin KA, Holm M, Jogi NO, Malinovschi A, Oudin A, Sigsgaard T, Thorarinsdottir EH, Janson C, Bertelsen RJ, Svanes C. Use of oral moist tobacco (snus) in puberty and its association with asthma in the population-based RHINESSA study. *BMJ Open Respir Res* 2024;11:e002401.
- 7) Sinsamala RM, Johannessen A, Bertelsen RJ, **Accordini S**, Brandt J, Frohn LM, Geels C, Gislason T, Holm M, Janson C, Markevych I, Orru H, Real FG, Sigsgaard T, Skulstad SM, Svanes C, Marcon A. Pregnancy outcomes as related to in utero exposure to air pollution and greenness: The Life-GAP Project. *Environ Epidemiol* 2024;8:e318.
- 8) **Accordini S**, Lando V, Calciano L, Bombieri C, Malerba G, Margagliotti A, Minelli C, Potts J, van der Plaats DA, Olivieri M. SNPs in *FAM13A* and *IL2RB* genes are associated with FeNO in adult subjects with asthma. *J Breath Res* 2024;18:016001.

- 9) Carsin AE, Garcia-Aymerich J, **Accordini S**, Dharmage S, Leynaert B, de las Heras M, Casas L, Caviezel S, Demoly P, Forsberg B, Gislason T, Corsico AG, Janson C, Jogi R, Martínez-Moratalla J, Nowak D, Gómez LP, Pin I, Probst-Hensch N, Raheison-Semjen C, Squillacioti G, Svanes C, Torén K, Urrutia I, Huerta I, Anto JM, Jarvis D, Guerra S. Spirometric patterns in young and middle aged adults: a 20-year European study. *Thorax* 2024;79:153-62.
- 10) Kirkeleit J, Riise T, Wielscher M, **Accordini S**, Carsin AE, Dratva J, Franklin KA, Garcia-Aymerich J, Jarvis D, Leynaert B, Lodge CJ, Real FG, Schlünssen V, Corsico AG, Heinrich J, Holm M, Janson C, Benediktsdóttir B, Jogi R, Dharmage SC, Järvelin M-R, Svanes C. Early life exposures contributing to accelerated lung function decline in adulthood - a follow-up study of 11,000 adults from the general population. *EClinicalMedicine* 2023;66:102339.
- 11) Zhao T, Markevych I, Fuertes E, de Hoogh K, **Accordini S**, Boudier A, Casas L, Forsberg B, Garcia Aymerich J, Gnesi M, Holm M, Janson C, Jarvis D, Johannessen A, Jörres RA, Karrasch S, Leynaert B, Maldonado Perez JA, Malinovski A, Martínez-Moratalla J, Modig L, Nowak D, Potts J, Probst-Hensch N, Sánchez-Ramos JL, Siroux V, Urrutia Landa I, Vienneau D, Villani S, Jacquemin B, Heinrich J. Impact of long-term exposure to ambient ozone on lung function over a course of 20 years (The ECRHS study): a prospective cohort study in adults. *Lancet Reg Health Eur* 2023;34:100729.
- 12) Markevych I, Zhao T, Fuertes E, Marcon A, Dadvand P, Vienneau D, Garcia Aymerich J, Nowak D, de Hoogh K, Jarvis D, Abramson MJ, **Accordini S**, Amaral AFS, Bentouhami H, Jacobsen Bertelsen R, Boudier A, Bono R, Bowatte G, Casas L, Dharmage SC, Forsberg B, Gislason T, Gnesi M, Holm M, Jacquemin B, Janson C, Jogi R, Johannessen A, Keidel D, Leynaert B, Maldonado Perez JA, Marchetti P, Migliore E, Martínez-Moratalla J, Orru H, Pin I, Potts J, Probst-Hensch N, Ranzi A, Sánchez-Ramos JL, Siroux V, Soussan D, Sunyer J, Urrutia Landa I, Villani S, Heinrich J. Residential greenspace and lung function decline over 20 years in a prospective cohort: The ECRHS study. *Environ Int* 2023;178:108036.
- 13) Lando V, Calciano L, Minelli C, Bombieri C, Ferrari M, Malerba G, Margagliotti A, Murgia N, Nicolis M, Olivieri M, Potts J, Tardivo S, **Accordini S**. *IL18* gene polymorphism is associated with total IgE in adult subjects with asthma. *J Clin Med* 2023;12:3963.
- 14) Azzini AM, Be G, Naso L, Lambertenghi L, Salerno ND, Coledan I, Bazaj A, Mirandola M, Miotti J, Mazzaferri F, **Accordini S**, Lo Cascio G, Tacconelli E. Risk factors for colonization with multidrug-resistant Gram-negative bacteria and *Clostridioides difficile* in Long Term Care Facilities (LTCFs) residents: the evidence from 27 facilities in a high endemic setting. *Front Cell Infect Microbiol* 2023;13:1155320.
- 15) Piubelli C, Ruggiero A, Calciano L, Mazzi C, Castillett C, Tiberti N, Caldrea S, Verzè M, Longoni SS, **Accordini S**, Bisoffi Z, Zipeto D. Subjects who developed SARS-CoV-2 specific IgM after vaccination show a longer humoral immunity and a lower frequency of infection. *EBioMedicine* 2023;89:104471.
- 16) Moitra S, Carsin AE, Abramson MJ, **Accordini S**, Amaral AFS, Anto J, Bono R, Casas Ruiz L, Cerveri I, Chatzi L, Demoly P, Dorado-Arenas S, Forsberg B, Gilliland F, Gislason T, Gullón JA, Heinrich J, Holm M, Janson C, Jogi R, Gómez Real F, Jarvis D, Leynaert B, Nowak D, Probst-Hensch N, Sánchez-Ramos JL, Raheison-Semjen C, Siroux V, Guerra S, Kogevinas M, Garcia-Aymerich J. Long-term effect of

asthma on the development of obesity among adults: an international cohort study, ECRHS. *Thorax* 2023;78:128-35.

- 17) Boudier A, Markevych I, Jacquemin B, Abramson MJ, **Accordini S**, Forsberg B, Fuertes E, Garcia-Aymerich J, Heinrich J, Johannessen A, Leynaert B, Pin I, Siroux V. Long-term air pollution exposure, greenspace and health-related quality of life in the ECRHS study. *Sci Total Environ* 2022;849:157693.
- 18) López-Cervantes JP, Shigdel R, **Accordini S**, Mustafa T, Bertelsen RJ, Makvandi-Nejad S, Lerm M, Horsnell W, Svanes C. Parental TB associated with offspring asthma and rhinitis. *Int J Tuberc Lung Dis* 2022;26:544-9.
- 19) Lønnebotn M, Calciano L, Johannessen A, Jarvis DL, Abramson MJ, Benediktsdóttir B, Bråbäck L, Franklin KA, Godoy R, Holm M, Janson C, Jøgi NO, Kirkeleit J, Malinovschi A, Pereira-Vega A, Schlünssen V, Dharmage SC*, **Accordini S***, Gómez Real F*, Svanes C*. Parental preperty overweight and offspring lung function. *Nutrients* 2022;14:1506. ***Equal contribution as last authors**
- 20) Ruggiero A, Piubelli C, Calciano L, **Accordini S**, Valenti MT, Dalle Carbonare L, Siracusano G, Temperton N, Tiberti N, Longoni SS, Pizzato M, Accordini S, A.M.S.L.V. group, Fantoni T, Lopalco L, Beretta A, Bisoffi Z, Zipeto D. SARS-CoV-2 vaccination elicits unconventional IgM specific responses in naïve and previously COVID 19-infected individuals. *EBioMedicine* 2022;77:103888.
- 21) Marcon A, Locatelli F, **Accordini S**. The coexistence of asthma and COPD: some considerations about prevalence and lung function decline. *Eur Respir J* 2022;59:2200096. [LETTER]
- 22) Krantz C, **Accordini S**, Alving K, Corsico A, Demoly P, Ferreira DS, Forsberg B, Garcia-Aymerich J, Gislason T, Heinrich J, Jogi R, Johannessen A, Leynaert B, Marcon A, Martínez-Moratalla Rovira J, Nerpin E, Nowak D, Olin AC, Olivieri M, Pereira-Vega A, Rahérison C, Real F, Sigsgaard T, Squillacioti G, Janson C, Malinovschi A. Cross-sectional study on exhaled nitric oxide in relation to upper airway inflammatory disorders with regard to asthma and perennial sensitisation. *Clin Exp Allergy* 2022;52:297-311.
- 23) Adamson A, Portas L, **Accordini S**, Marcon A, Jarvis D, Baio G, Minelli C. Communication of personalised disease risk by General Practitioners to motivate smoking cessation in England: A cost-effectiveness and research prioritisation stud. *Addiction* 2022;117:1438-49.
- 24) López-Cervantes JP, Lønnebotn M, Jogi NO, Calciano L, Kuiper IN, Darby MG, Dharmage SC, Real FG, Hammer B, Bertelsen RJ, Johannessen A, Lund Würtz AM, Knudsen TM, Koplin J, Pape K, Magne Skulstad S, Timm S, Tjalvin G, **Accordini S**, Schlünssen V, Kirkeleit J, Svanes C. The exposome approach in allergies and lung diseases: Is it time to define a preconception exposome? *Int J Environ Res Public Health* 2021;18:12684.
- 25) Svanes C, Bertelsen RJ, **Accordini S**, Holloway JW, Juliusson P, Boateng E, Krauss-Eschmann S, Schlünssen V, Gomez-Real F, Skulstad SM. Exposures during the preperty period and future offspring's health: evidence from human cohort studies. *Biol Reprod* 2021;105:667-80.
- 26) Nerpin E, Ferreira DS, Weyler J, Schlunssen V, Jogi R, Raherison Semjen C, Gislason T, Demoly P, Heinrich J, Nowak D, Corsico A, **Accordini S**, Marcon A, Squillacioti G, Olivieri M, Nielsen R,

Johannessen A, Gómez Real F, Garcia-Aymerich J, Urrutia I, Pereira-Vega A, Gullón JA, Olin AC, Forsberg B, Emilsson ÖI, Pin I, Jarvis D, Janson C, Malinovschi A. Bronchodilator response and lung function decline: Associations with exhaled nitric oxide with regard to sex and smoking status. *World Allergy Organ J* 2021;14:100544.

- 27) Marcon A, Locatelli F, Dharmage SC, Svanes C, Heinrich J, Leynaert B, Burney P, Corsico A, Caliskan G, Calciano L, Gislason T, Janson C, Jarvis D, Jøgi R, Lytras T, Malinovschi A, Probst-Hensch N, Toren K, Casas L, Verlato G, Garcia-Aymerich J, **Accordini S**. The coexistence of asthma and COPD: risk factors, clinical history and lung function trajectories. *Eur Respir J* 2021;58:2004656.
- 28) **Accordini S**, Calciano L, Johannessen A, Benediktsdóttir B, Bertelsen RJ, Bråbäck L, Dharmage SC, Forsberg B, Gómez Real F, Holloway JW, Holm M, Janson C, Jøgi NO, Jøgi R, Malinovschi A, Marcon A, Martínez-Moratalla Rovira J, Sánchez-Ramos JL, Schlünssen V, Torén K, Jarvis D, Svanes C. Prenatal and prepubertal exposures to tobacco smoke in men may cause lower lung function in future offspring: a three-generation study using a causal modelling approach. *Eur Respir J* 2021;58:2002791.
- 29) Fuertes E, Marcon A, Potts L, Pesce G, Lhachimi SK, Jani V, Calciano L, Adamson A, Quint JK, Jarvis D, Janson C, **Accordini S***, Minelli C*. Health Impact Assessment to predict the impact of tobacco price increases on COPD burden in Italy, England and Sweden. *Sci Rep* 2021;11:2311. ***Equal contribution as last authors**
- 30) Kuiper IN, Svanes C, Markevych I, **Accordini S**, Bertelsen RJ, Bråbäck L, Christensen JH, Forsberg B, Halvorsen T, Heinrich J, Hertel O, Hoek G, Holm M, de Hoogh K, Janson C, Malinovschi A, Marcon A, Nilsen RM, Sigsgaard T, Johannessen A. Lifelong exposure to air pollution and greenness in relation to asthma, rhinitis and lung function in adulthood. *Environ Int* 2021;146:106219.
- 31) Bédard A, Carsin AE, Fuertes E, **Accordini S**, Dharmage SC, Garcia-Larsen V, Heinrich J, Janson C, Johannessen A, Leynaert B, Sánchez-Ramos JL, Peralta GP, Pin I, Squillacioti G, Weyler J, Jarvis D, Garcia-Aymerich J. Physical activity and lung function - cause or consequence? *PLoS One* 2020;15:e0237769.
- 32) Kuiper IN, Markevych I, **Accordini S**, Bertelsen RJ, Bråbäck L, Christensen JH, Forsberg B, Halvorsen T, Heinrich J, Hertel O, Hoek G, Holm M, de Hoogh K, Janson C, Malinovschi A, Marcon A, Sigsgaard T, Svanes C, Johannessen A. Associations of preconception exposure to air pollution and greenness with offspring asthma and hay fever. *Int J Environ Res Public Health* 2020;17:5828.
- 33) Carsin AE, Keidel D, Fuertes E, Imboden M, Weyler J, Nowak D, Heinrich J, Pascual Erquicia S, Martínez-Moratalla J, Huerta I, Sanchez JL, Schaffner E, Caviezel S, Beckmeyer-Borowko A, Raherison C, Pin I, Demoly P, Leynaert B, Cerveri I, Squillacioti G, **Accordini S**, Gislason T, Svanes C, Toren K, Forsberg B, Janson C, Jogi R, Emtner M, Gómez Real F, Jarvis D, Guerra S, Dharmage SC, Probst-Hensch N, Garcia-Aymerich J. Regular physical activity levels and incidence of restrictive spirometry pattern: a longitudinal analysis of two population-based cohorts. *Am J Epidemiol* 2020;189:1521-28.
- 34) Peralta GP, Marcon A, Carsin AE, Abramson MJ, **Accordini S**, Amaral AFS, Antó JM, Bowatte G, Burney P, Corsico A, Demoly P, Dharmage S, Forsberg B, Fuertes E, Garcia-Larsen V, Gislason T, Gullón JA, Heinrich J, Holm M, Jarvis DL, Janson C, Jogi R, Johannessen A, Leynaert B, Martínez-

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