

CURRICULUM VITAE

Simone Accordini

Professore Associato di Statistica medica

Sezione di Epidemiologia & Statistica Medica
Dipartimento di Diagnostica e Sanità Pubblica
Università degli Studi di Verona (UNIVR)
c/o Istituti Biologici II, Blocco B
Strada Le Grazie 8 - 37134 Verona, Italy

Tel: +39 045 8027657
e-mail: simone.accordini@univr.it
ORCID ID: 0000-0003-1510-6193

Simone Accordini è nato nel 1971

FORMAZIONE

2000 Diploma di Specializzazione in Statistica Sanitaria, Università di Pavia
1997 Laurea in Scienze Statistiche e Demografiche, Università di Padova

MOBILITÀ

2000 Biostatistics Group, University of Manchester, Regno Unito

POSIZIONE ATTUALE E PRECEDENTI

2018 Abilitazione Scientifica Nazionale alle funzioni di Professore di prima fascia (06/M1 - Igiene generale e applicata, scienze infermieristiche e statistica medica)
2014-oggi Professore Associato (MEDS-24/A - Statistica medica, ex MED/01), UNIVR
2014 Abilitazione Scientifica Nazionale alle funzioni di Professore di seconda fascia (06/M1 - Igiene generale e applicata, scienze infermieristiche e statistica medica)
2002-2014 Ricercatore Universitario (MED/01 - Statistica medica), UNIVR
2001-2002 Tecnico Laureato (categoria D - livello retributivo D1), UNIVR
1999-2001 Titolare di un Assegno di Ricerca sul tema "*L'asma bronchiale nella popolazione adulta italiana: prevalenza, trattamento e storia naturale della malattia. Secondo ciclo dell'European Community Respiratory Health Survey in Italia (ECRHS)*", UNIVR
1997-1999 Titolare di una borsa di studio per ricerca sul tema "*Epidemiologia dell'asma in Italia: prevalenza, incidenza e costo della malattia*", UNIVR

INTERESSI DI RICERCA

Epidemiologia dell'asma e della broncopneumopatia cronica ostruttiva (BPCO), epidemiologia multi-generazionale, studi di associazione genetica, studi cost-of-illness

PROJECT MANAGEMENT

2023-oggi	Coordinatore del Work Package 7 <i>"Data and statistical analyses"</i> , progetto nazionale <i>"Fine definition of systemic and mucosal response in SARS-CoV-2 vaccinated subjects"</i>
2020-oggi	Partner del R&D Project norvegese <i>"Lifespan and inter-generational respiratory effects of exposures to greenness and air pollution: the Life-GAP project"</i>
2018-2022	Partner del R&D Project norvegese <i>"Preconception exposures and related epigenetic mechanisms in asthma and allergies"</i> (<u>finanziamento ricevuto come beneficiario</u>)
2016-oggi	Membro dello steering committee, indagine multicentrica nazionale <i>"Gene Environment Interactions in Respiratory Diseases (GEIRD)"</i>
2015-2019	Responsabile dell'Unità di Ricerca di Verona e coordinatore dei task 2.5 <i>"Develop statistical models for transgenerational analyses"</i> e 6.3 <i>"Impact of public health strategies to decrease COPD burden in Europe"</i> , progetto internazionale <i>"Ageing Lungs in European Cohorts (ALEC)"</i> (<u>finanziamento ricevuto come beneficiario</u>)
2015-oggi	Membro dello steering committee/gruppo coordinatore, coordinatore dei centri italiani e responsabile dell'Unità di Ricerca di Verona, indagine multicentrica internazionale <i>"European Community Respiratory Health Survey (ECRHS)"</i>
2014-oggi	Membro dello scientific advisory board, indagine multicentrica internazionale <i>"Respiratory Health In Northern Europe, Spain and Australia (RHINESSA)"</i>
2010-oggi	Coordinatore del gruppo di studio <i>"Epidemiologia genetica"</i> , indagine GEIRD
2006-2013	Trial statistician, sperimentazione pragmatica randomizzata multicentrica nazionale <i>"Clozapine Haloperidol Aripiprazole Trial (CHAT)"</i>
2003-oggi	Coordinatore del gruppo di studio <i>"Socio-economic burden of asthma in Europe"</i> , indagine ECRHS
1997-2006	Coordinatore del gruppo di studio <i>"Carico socio-economico dell'asma in Italia"</i> , indagine multicentrica nazionale <i>"Italian Study on Asthma in Young Adults (ISAYA)"</i>

PRINCIPALI FINANZIAMENTI RICEVUTI COME BENEFICIARIO

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> (Coordinatore: University of Bergen, Norvegia): €60,000
2015-2019	Finanziamento European Union's Horizon 2020 Research and Innovation Programme (No. 633212), progetto internazionale <i>"Ageing Lungs in European Cohorts (ALEC)"</i> (Coordinatore: Imperial College London, Regno Unito): €405,000

SUPERVISIONE DI STUDENTI E RICERCATORI

2005-oggi 7 assegnisti di ricerca, 8 dottorandi, 3 studenti Scuola di Specializzazione, 1 studente Master Universitario di II° livello, 1 studente Master Europeo, 1 studente Laurea magistrale, 1 studente Laurea triennale

ATTIVITA' DIDATTICA (UNIVR)

2002-oggi Docenze (Statistica medica, Statistica per la ricerca sperimentale e tecnologica, Informatica) nell'ambito di:

- Corsi di Laurea triennale (Assistenza sanitaria - sede di Trento, Fisioterapia, Infermieristica - sedi di Bolzano e Verona, Logopedia, Ostetricia, Tecnica della riabilitazione psichiatrica, Tecniche audioprotesiche, Tecniche di fisiopatologia cardiocircolatoria e perfusione cardiovascolare, Tecniche di laboratorio biomedico)
- Corsi di Laurea magistrale (Medical bioinformatics, Scienze infermieristiche e ostetriche - sede di Bolzano)
- Corso di Laurea magistrale a ciclo unico (Odontoiatria e protesi dentaria)
- Master Universitari di I° livello (Management per funzioni di coordinamento delle professioni sanitarie - sede di Bolzano, Nursing geriatrico - sede di Bolzano, Nursing psichiatrico avanzato - sede di Bolzano, Tecniche manageriali per coordinatori dell'assistenza infermieristica - sede di Bolzano)
- Master Universitario di II° livello (Epidemiologia valutativa)
- Master Europeo (Sustainable Regional Health Systems)
- Scuole di Specializzazione (Anatomia Patologica, Chirurgia Generale, Ematologia, Genetica Medica, Geriatria, Igiene e Medicina Preventiva, Malattie dell'Apparato Respiratorio, Medicina del Lavoro, Medicina Legale, Statistica Sanitaria e Biometria)
- Corsi di Dottorato (Bioscienze, Scienze Applicate della Vita e della Salute)

1999-2001 Professore a contratto del modulo "Informatica generale", Diploma Universitario per Infermiere (sede di Vicenza)

INCARICHI ISTITUZIONALI

2022-oggi Coordinatore del Corso di Dottorato in "*Scienze Applicate della Vita e della Salute*", UNIVR

2021-oggi Membro della Giunta del Dipartimento di Diagnostica e Sanità Pubblica, UNIVR

2021-oggi Componente del Comitato di Approvazione della Ricerca sulla Persona (CARP), UNIVR

2021-2023 Coordinatore della Commissione spin off del Dipartimento di Diagnostica e Sanità Pubblica, UNIVR

2019-2023 Referente per la Terza Missione del Dipartimento di Diagnostica e Sanità Pubblica, UNIVR

2018-oggi Membro del Consiglio della Scuola di Medicina e Chirurgia, UNIVR

2013-2017 Membro del Consiglio Direttivo della Società Italiana di Statistica Medica ed Epidemiologia Clinica (SISMEC)

2009-2012 Componente del gruppo di lavoro "*Nucleo Ricerca e Innovazione*", Azienda Ospedaliera e UNIVR

COMMISSIONS OF TRUST

2020-2021	Membro del Comitato di Monitoraggio sulla Sicurezza dei Dati (Data and Safety Monitoring Board, DSMB) in una sperimentazione clinica randomizzata
2019	Remote referee nella valutazione di un progetto di ricerca, bando “ <i>ERC Consolidator Grant - 2019</i> ”, European Research Council (ERC)
2014-2022	Associate editor della rivista BMC Pulmonary Medicine
2013-2021 e 2025	Peer reviewer degli abstracts per il congresso annuale dell'European Respiratory Society (ERS)
2013	Peer reviewer nella valutazione di un progetto di ricerca, bando “ <i>Futuro in Ricerca 2013</i> ”, Ministero dell'Istruzione, dell'Università e della Ricerca
2012	Peer reviewer nella valutazione di prodotti di ricerca, Valutazione della Qualità della Ricerca (VQR) 2004-2010
2004-oggi	Peer reviewer per le seguenti riviste scientifiche: 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

AFFILIAZIONE A SOCIETA' SCIENTIFICHE

2012-oggi	European Respiratory Society (ERS)
2001-oggi	Società Italiana di Statistica Medica ed Epidemiologia Clinica (SISMEC)

COMPETENZE

Epidemiologia dell'asma e della BPCO	Disegno di studi osservazionali multi-centrici di popolazione, analisi del carico socio-economico, analisi del trend temporale della prevalenza e incidenza, sviluppo di score continui per la misurazione della gravità dell'asma, analisi multi-generazionali dell'impatto di fattori di rischio in differenti periodi di suscettibilità
Metodi statistici per indagini epidemiologiche multi-centriche e multi-generazionali	Modelli di regressione multi-livello, modelli di mediazione multi-livello per l'analisi di dati multi-generazionali, modelli Age-Period-Cohort
Carico socio-economico dell'asma	Disegno ed analisi di studi cost-of-illness internazionali, valutazione dei determinanti del costo socio-economico (outcome zero-inflated)
Epidemiologia genetica	Analisi di associazione tra SNP in geni candidati ed outcome continui (non-normali), multiple-testing, analisi di mediazione, regressione LASSO, machine learning

TRACK RECORD (1° ottobre 2025)

N° di pubblicazioni* (primo/secondo/ultimo autore): **115 (13/17/12)**

N° di altre pubblicazioni**: **7**

H-index: **40** (Scopus), **37** (WoS)

N° di citazioni: **5626** (Scopus), **5002** (WoS)

IF complessivo (medio), anni di pubblicazione: **704 (6.1)**

IF complessivo (medio), anno 2021: **1294 (11.3)**

IF: Impact Factor

* pubblicazioni in riviste indicizzate in Pubmed, Scopus e/o Web of Science (WoS)

** monografie, pubblicazioni in extenso in riviste nazionali, capitoli di libro

PUBBLICAZIONI CHIAVE

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.

Pubblicato con editoriale (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.

Pubblicato con editoriale (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.

Pubblicato con editoriale (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.

Risultati diffusi su giornali internazionali/italiani cartacei/online (es. CNN, El Pais, ANSA, Corriere della Sera) e programmi televisivi/radiofonici.

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

Pubblicato con editoriale (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.

**PUBBLICAZIONI IN EXTENSO IN RIVISTE INDICIZZATE IN
PUBMED, SCOPUS E/O WEB OF SCIENCE
(1° ottobre 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 prepuberty 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 prepuberty 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-

Moratalla Rovira J, Nowak D, Probst-Hensch N, Raheison C, Sánchez-Ramos JL, Sigsgaard T, Siroux V, Squillacioti G, Urrutia I, Weyler J, Zock JP, Garcia-Aymerich J. Body mass index and weight change are associated with adult lung function trajectories: the prospective ECRHS study. *Thorax* 2020;75:313-20.

- 35) Marcon A, Marchetti P, Antó JM, Cazzoletti L, Cerveri I, Corsico A, Ferreira DS, Garcia-Aymerich J, Gislason D, Heinrich J, Jögi R, Johannessen A, Leynaert B, Malinovschi A, Pin I, Probst-Hensch N, Weyler J, Janson C, Jarvis D, **Accordini S**. Atopy modifies the association between inhaled corticosteroid use and lung function decline in patients with asthma. *J Allergy Clin Immunol Pract* 2020;8:980-8.
- 36) Johannessen A, Lønnebotn M, Calciano L, Benediktsdóttir B, Bertelsen RJ, Bråbäck L, Dharmage S, Franklin KA, Gislason T, Holm M, Janson C, Jarvis D, Jögi R, Kim JL, Kirkeleit J, Lodge C, Malinovschi A, Martinez-Moratalla J, Nilsen RM, Pereira-Vega A, Real FG, Schlünssen V, **Accordini S***, Svanes C*. Being overweight in childhood, puberty or early adulthood: Changing asthma risk in the next generation? *J Allergy Clin Immunol* 2020;145:791-9. ***Equal contribution as last authors**
- 37) **Accordini S**, Calciano L, Marcon A, Pesce G, Antó JM, Beckmeyer-Borowko AB, Carsin AE, Corsico AG, Imboden M, Janson C, Keidel D, Locatelli F, Svanes C, Burney PGJ, Jarvis D, Probst-Hensch NM, Minelli C. Incidence trends of airflow obstruction among European adults without asthma: a 20-year cohort study. *Sci Rep* 2020;10:3452.
- 38) Janson C, Malinovschi A, Amaral AFS, **Accordini S**, Bousquet J, Buist AS, Garcia-Aymerich J, Gnatiuc L, Tan W, Torén K, Zuberbier T, Burney P. Testing bronchodilator responsiveness. *Eur Respir J* 2019;54:1902104. [LETTER]
- 39) Fuertes E, Carsin AE, Garcia-Larsen V, Guerra S, Pin I, Leynaert B, **Accordini S**, Martinez- Moratalla J, Antó JM, Urrutia I, Le Gouellec A, Heinrich J, Gislason T, Jögi R, Janson C, Jarvis D, Garcia-Aymerich J. The role of C-reactive protein levels on the association of physical activity with lung function in adults. *PLoS One* 2019;14:e0222578.
- 40) Janson C, Malinovschi A, Amaral AFS, **Accordini S**, Bousquet J, Sonia Buist A, Canonica GW, Dahlén B, Garcia-Aymerich J, Gnatiuc L, Kowalski ML, Patel J, Tan W, Torén K, Zuberbier T, Burney P, Jarvis D. Bronchodilator reversibility in asthma and COPD: Findings from three large population studies. *Eur Respir J* 2019;54:1900561.
- 41) Nerpin E, Olivieri M, Gislason T, Olin AC, Nielsen R, Johannessen A, Ferreira DS, Marcon A, Cazzoletti L, **Accordini S**, Pin I, Corsico A, Demoly P, Weyler J, Nowak D, Jögi R, Forsberg B, Zock JP, Sigsgaard T, Heinrich J, Bono R, Leynaert B, Jarvis D, Janson C, Malinovschi A. Determinants of fractional exhaled nitric oxide in healthy men and women from the European Community Respiratory Health Survey III. *Clin Exp Allergy* 2019;49:969-79.
- 42) Boudier A, Chanoine S, **Accordini S**, Antó JM, Basagaña X, Bousquet J, Demoly P, Garcia-Aymerich J, Gormand F, Heinrich J, Janson C, Künzli N, Matran R, Pison C, Raheison C, Sunyer J, Varraso R, Jarvis D, Leynaert B, Pin I, Siroux V. Data-driven adult asthma phenotypes based on clinical characteristics are associated with asthma outcomes twenty years later. *Allergy* 2019;74:953-63.

- 43) Pesce G, Marcon A, Calciano L, Perret JL, Abramson MJ, Bono R, Bousquet J, Foïs AG, Janson C, Jarvis D, Jögi R, Leynaert B, Nowak D, Schlünssen V, Urrutia-Landa I, Verlato G, Villani S, Zuberbier T, Minelli C, **Accordini S**. Time and age trends in smoking cessation in Europe. *PLoS One* 2019;14:e0211976.
- 44) Janson C, **Accordini S**, Cazzoletti L, Cerveri I, Chanoine S, Corsico A, Ferreira DS, Garcia-Aymerich J, Gislason D, Nielsen R, Johannessen A, Jogi R, Malinovschi A, Martinez-Moratalla Rovira J, Marcon A, Pin I, Quint J, Siroux V, Almar E, Bellisario V, Franklin KA, Gullón JA, Holm M, Heinrich J, Nowak D, Sánchez-Ramos JL, Weyler JJ, Jarvis D. Pharmacological treatment of asthma in a cohort of adults during a 20-year period: results from the European Community Respiratory Health Survey I, II and III. *ERJ Open Res* 2019;5:00073-2018.
- 45) Carsin AE, Fuertes E, Schaffner E, Jarvis D, Antó JM, Heinrich J, Bellisario V, Svanes C, Keidel D, Imboden M, Weyler J, Nowak D, Martinez-Moratalla J, Gullón JA, Sanchez Ramos JL, Caviezel S, Beckmeyer-Borowko A, Raherison C, Pin I, Demoly P, Cerveri I, **Accordini S**, Gislason T, Toren K, Forsberg B, Janson C, Jogi R, Emtner M, Gómez Real F, Raza W, Leynaert B, Pascual S, Guerra S, Dharmage SC, Probst-Hensch N, Garcia-Aymerich J. Restrictive spirometry pattern is associated with low physical activity levels. A population based international study. *Respir Med* 2019;146:116-23.
- 46) Triebner K, **Accordini S**, Calciano L, Johannessen A, Benediktsdóttir B, Bifulco E, Demoly P, Dharmage SC, Franklin KA, Garcia-Aymerich J, Gullón Blanco JA, Heinrich J, Holm M, Jarvis D, Jögi R, Lindberg E, Martínez-Moratalla J, Muniozguren Agirre N, Pin I, Probst-Hensch N, Raherison C, Sánchez-Ramos JL, Schlünssen V, Svanes C, Hustad S, Leynaert B, Gómez Real F. Exogenous female sex steroids may reduce lung ageing after menopause: A 20-year follow-up study of a general population sample (ECRHS). *Maturitas* 2019;120:29-34.
- 47) 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.
- 48) Lønnebotn M, Svanes C, Igland J, Franklin KA, **Accordini S**, Benediktsdóttir B, Bentouhami H, Blanco JA, Bono R, Corsico A, Demoly P, Dharmage S, Dorado Arenas S, Garcia J, Heinrich J, Holm M, Janson C, Jarvis D, Leynaert B, Martinez-Moratalla J, Nowak D, Pin I, Raherison-Semjen C, Sánchez-Ramos JL, Schlünssen V, Skulstad SM, Dratva J, Gómez Real F. Body silhouettes as a tool to reflect obesity in the past. *PLoS One* 2018;13:e0195697.
- 49) Marcon A, Locatelli F, Keidel D, Beckmeyer-Borowko AB, Cerveri I, Dharmage SC, Fuertes E, Garcia-Aymerich J, Heinrich J, Imboden M, Janson C, Johannessen A, Leynaert B, Pascual Erquicia S, Pesce G, Schaffner E, Svanes C, Urrutia I, Jarvis D, Probst-Hensch NM, **Accordini S**. Airway responsiveness to methacholine and incidence of COPD: an international prospective cohort study. *Thorax* 2018;73:825-832.
- 50) **Accordini S**, Calciano L, Johannessen A, Portas L, Benediktsdóttir B, Bertelsen RJ, Bråbäck L, Carsin AE, Dharmage SC, Dratva J, Forsberg B, Gomez Real F, Heinrich J, Holloway JW, Holm M, Janson C,

Jögi R, Leynaert B, Malinovschi A, Marcon A, Martínez-Moratalla Rovira J, Raheison C, Sánchez-Ramos JL, Schlünssen V, Bono R, Corsico AG, Demoly P, Dorado Arenas S, Nowak D, Pin I, Weyler J, Jarvis D, Svanes C. A three-generation study on the association of tobacco smoking with asthma. *Int J Epidemiol* 2018;47:1106-17.

- 51) Erbas B, Mørkve Knudsen T, 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;164:241-47.
- 52) Calciano L, Portas L, Corsico AG, Olivieri M, Degan P, Ferrari M, Fois A, Pasini AMF, Pasini A, Zanolin ME, de Marco R, **Accordini S**. Biomarkers related to respiratory symptoms and lung function in adults with asthma. *J Breath Res* 2018;12:026012.
- 53) Jarvis D, Newson R, Janson C, Corsico A, Heinrich J, Anto JM, Abramson MJ, Kirsten AM, Zock JP, Bono R, Demoly P, Leynaert B, Raheison C, Pin I, Gislason T, Jogi R, Schlunssen V, Svanes C, Watkins J, Weyler J, Pereira-Vega A, Urrutia I, Gullón JA, Forsberg B, Probst-Hensch N, Boezen HM, Martinez-Moratalla Rovira J, **Accordini S**, de Marco R, Burney P. Prevalence of asthma-like symptoms with ageing. *Thorax* 2018;73:37-48.
- 54) 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;12:e0177538.
- 55) Bertelsen RJ, Rava M, Carsin AE, **Accordini S**, Benediktsdóttir 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, Schlünssen V, Sigsgaard T, Dharmage SC, Svanes C. Clinical markers of asthma and IgE assessed in parents before conception predicts asthma and hay fever in the offspring. *Clin Exp Allergy* 2017;47:627-38.
- 56) Verlato G, Nguyen G, Marchetti P, **Accordini S**, Marcon A, Marconcini R, Bono R, Fois A, Pirina P, de Marco R. Smoking and new-onset asthma in a prospective study on Italian adults. *Int Arch Allergy Immunol* 2016;170:149-57.
- 57) **Accordini S**, Calciano L, Bombieri C, Malerba G, Belpinati F, Lo Presti AR, Baldan A, Ferrari M, Perbellini L, de Marco R. An interleukin 13 polymorphism is associated with symptom severity in adult subjects with ever asthma. *PLoS One* 2016;11:e0151292.
- 58) Dratva J, Zemp E, Dharmage SC, **Accordini S**, Burdet L, Gislason T, Heinrich J, Janson C, Jarvis D, de Marco R, Norbäck D, Pons M, Real FG, Sunyer J, Villani S, Probst-Hensch N, Svanes C. Early life origins of lung ageing: early life exposures and lung function decline in adulthood in two European cohorts aged 28-73 years. *PLoS One* 2016;11:e0145127.
- 59) Pesce G, Bugiani M, Marcon A, Marchetti P, Carosso A, **Accordini S**, Antonicelli L, Pirina P, Pocetta G, Villani S, de Marco R. Geo-climatic heterogeneity in self-reported asthma, allergic rhinitis and chronic bronchitis in Italy. *Sci Total Environ* 2016;544:645-52.

- 60) Antonicelli L, Marchetti P, **Accordini S**, Bono R, Carosso A, Casali L, Cazzoletti L, Corsico A, Ferrari M, Fois A, Nicolini G, Olivieri M, Pirina P, Verlato G, Villani S, de Marco R. The heterogeneity hidden in allergic rhinitis and its Impact on co-existing asthma in adults: a population-based survey. *Int Arch Allergy Immunol* 2015;168:205-12.
- 61) Pesce G, Locatelli F, Cerveri I, Bugiani M, Pirina P, Johannessen A, **Accordini S**, Zanolin ME, Verlato G, de Marco R. Seventy years of asthma in Italy: age, period, and cohort effects on incidence and remission of self-reported asthma from 1940 to 2010. *PLoS One* 2015;10:e0138570.
- 62) Verlato G, Marrelli D, **Accordini S**, Bencivenga M, Di Leo A, Marchet A, Petrioli R, Zoppini G, Muggeo M, Roviello F, de Manzoni G. Short-term and long-term risk factors in gastric cancer. *World J Gastroenterol* 2015;21:6434-43.
- 63) **Accordini S**, Corsico AG, Calciano L, Bono R, Cerveri I, Fois A, Pirina P, Tassinari R, Verlato G, de Marco R. The impact of asthma, chronic bronchitis and allergic rhinitis on all-cause hospitalizations and limitations in daily activities: a population-based observational study. *BMC Pulm Med* 2015;15:10.
- 64) Bakolis I, Heinrich J, Zock JP, Norbäck D, Svanes C, Chen CM, **Accordini S**, Verlato G, Olivieri M, Jarvis D. House dust mite allergen exposure is associated with serum specific IgE but not with other respiratory outcomes. *Indoor air* 2015;25:235-44.
- 65) Verlato G, **Accordini S**, Nguyen G, Marchetti P, Cazzoletti L, Ferrari M, Antonicelli L, Attena F, Bellisario V, Bono R, Briziarelli L, Casali L, Corsico AG, Fois A, Panico MG, Piccioni P, Pirina P, Villani S, Nicolini G, de Marco R. Socioeconomic inequalities in smoking habits are still increasing in Italy. *BMC Public Health* 2014;14:879.
- 66) Amaral AFS, Ramasamy A, Castro-Giner F, Minelli C, **Accordini S**, Sørheim IC, Pin I, Kogevinas M, Jögi R, Balding DJ, Norbäck D, Verlato G, Olivieri M, Probst-Hensch N, Janson C, Zock JP, Heinrich J, Jarvis DL. Interaction between gas cooking and GSTM1 null genotype in bronchial responsiveness: results from the European Community Respiratory Health Survey. *Thorax* 2014;69:558-64.
- 67) Cipriani A, **Accordini S**, Nosè M, Purgato M, Girlanda F, Tansella M, Barbui C. Aripiprazole versus haloperidol in combination with clozapine for treatment-resistant schizophrenia: a 12-month randomized, naturalistic trial. *J Clin Psychopharmacol* 2013;33:533-7.
- 68) de Marco R, Pesce G, Marcon A, **Accordini S**, Antonicelli L, Bugiani M, Casali L, Ferrari M, Nicolini G, Panico MG, Pirina P, Zanolin ME, Cerveri I, Verlato G. The coexistence of asthma and chronic obstructive pulmonary disease (COPD). Prevalence and risk factors in young, middle-aged and elderly people from the general population. *PLoS One* 2013;8:e62985.
- 69) **Accordini S**, Corsico AG, Cerveri I, Antonicelli L, Attena F, Bono R, Casali L, Ferrari M, Fois A, Marchetti P, Pirina P, Tassinari R, Verlato G, de Marco R. Diverging trends of chronic bronchitis and smoking habits between 1998 and 2010. *Respir Res* 2013;14:16.
- 70) Marcon A, Girardi P, Ferrari M, Olivieri M, **Accordini S**, Bombieri C, Bortolami O, Braggion M, Cappa V, Cazzoletti L, Locatelli F, Nicolini M, Perbellini L, Sembeni S, Verlato G, Zanolin ME, de Marco R. Mild

asthma and chronic bronchitis seem to influence functional exercise capacity: a multi-case control study. *Int Arch Allergy Immunol* 2013;161:181-8.

- 71) **Accordini S**, Corsico AG, Braggion M, Gerbase MW, Gislason D, Gulsvik A, Heinrich J, Janson C, Jarvis D, Jögi R, Pin I, Schoefer Y, Bugiani M, Cazzoletti L, Cerveri I, Marcon A, de Marco R. The cost of persistent asthma in Europe: an international population-based study in adults. *Int Arch Allergy Immunol* 2013;160:93-101.
- 72) **Accordini S**, Janson C, Svanes C, Jarvis D. The role of smoking in allergy and asthma: lessons from the ECRHS. *Curr Allergy Asthma Rep* 2012;12:185-91.
- 73) Cerveri I, Cazzoletti L, Corsico AG, Marcon A, Niniano R, Grosso A, Ronzoni V, **Accordini S**, Janson C, Pin I, Siroux V, de Marco R. The impact of cigarette smoking on asthma: a population-based international cohort study. *Int Arch Allergy Immunol* 2012;158:175-83.
- 74) Olivieri M, Zock JP, **Accordini S**, Heinrich J, Jarvis D, Künzli N, Antó JM, Norbäck D, Svanes C, Verlato G. Risk factors for new-onset cat sensitisation among adults: a population-based international cohort study. *J Allergy Clin Immunol* 2012;129:420-5.
- 75) de Marco R, Cappa V, **Accordini S**, Rava M, Antonicelli L, Bortolami O, Braggion M, Bugiani M, Casali L, Cazzoletti L, Cerveri I, Fois AG, Girardi P, Locatelli F, Marcon A, Marinoni A, Panico MG, Pirina P, Villani S, Zanolin ME, Verlato G. Trends in the prevalence of asthma and allergic rhinitis in Italy between 1991 and 2010. *Eur Respir J* 2012;39:883-92.
- 76) de Marco R, **Accordini S**, Marcon A. COPD-lite, COPD-hard, or COPD-for-what? *Am J Respir Crit Care Med* 2011;184:486-7. [LETTER]
- 77) Barbui C, **Accordini S**, Nosè M, Stroup S, Purgato M, Girlanda F, Esposito E, Veronese A, Tansella M, Cipriani A. Aripiprazole versus haloperidol in combination with clozapine for treatment-resistant schizophrenia in routine clinical care: a randomized, controlled trial. *J Clin Psychopharmacol* 2011;31:266-73.
- 78) **Accordini S**, Cappa V, Braggion M, Corsico AG, Bugiani M, Pirina P, Verlato G, Villani S, de Marco R. The impact of diagnosed and undiagnosed current asthma in the general adult population. *Int Arch Allergy Immunol* 2011;155:403-11.
- 79) Verlato G, Bortolami O, **Accordini S**, Olivieri M, Cappa V, Bugiani M, Corsico A, Pirina P, Villani S, de Marco R. Asthma in childhood reduces smoking initiation in subsequent teens among males. *J Adolesc Health* 2011;48:253-8.
- 80) de Marco R, **Accordini S**, Marcon A, Cerveri I, Antó JM, Gislason T, Heinrich J, Janson C, Jarvis D, Kuenzli N, Leynaert B, Sunyer J, Svanes C, Wjst M, Burney P. Risk factors for chronic obstructive pulmonary disease in a European cohort of young adults. *Am J Respir Crit Care Med* 2011;183:891-7.
- 81) de Marco R, **Accordini S**, Antonicelli L, Bellia V, Bettin MD, Bombieri C, Bonifazi F, Bugiani M, Carosso A, Casali L, Cazzoletti L, Cerveri I, Corsico AG, Ferrari M, Fois AG, Lo Cascio V, Marcon A, Marinoni A, Olivieri M, Perbellini L, Pignatti P, Pirina P, Poli A, Rolla G, Trabetti E, Verlato G, Villani S, Zanolin ME.

The Gene-Environment Interactions in Respiratory Diseases (GEIRD) Project. *Int Arch Allergy Immunol* 2010;152:255-63.

- 82) Verlato G, Melotti R, Olivieri M, Corsico A, Bugiani M, **Accordini S**, Villani S, Migliore E, Marinoni A, Pirina P, Carrozzi L, Bortolami O, Rava M, de Marco R. Asthmatics and ex-smokers respond early, heavy smokers respond late to mailed surveys in Italy. *Respir Med* 2010;104:172-9.
- 83) Cazzoletti L, Marcon A, Corsico A, Janson C, Jarvis D, Pin I, **Accordini S**, Bugiani M, Cerveri I, Gislason D, Gulsvik A, de Marco R. Asthma severity according to Global Initiative for Asthma and its determinants: an international study. *Int Arch Allergy Immunol* 2010;151:70-9.
- 84) Verlato G, Patarnello F, Tardivo S, Melotti R, **Accordini S**, Poli A, Bortolami O, Romano G, de Marco R. Epidemiologia ed epidemiologi: indagine sulla presenza, organizzazione e formazione di epidemiologi e statistici medici nella Regione Veneto. *Ann Ig* 2009;21:241-50.
- 85) Marcon A, **Accordini S**, de Marco R. Adjustment for baseline value in the analysis of change in FEV1 over time. *J Allergy Clin Immunol* 2009;124:1120. [LETTER]
- 86) Cerveri I, Corsico AG, **Accordini S**, Cervio G, Ansaldo E, Grosso A, Niniano R, Tsana Tegomo E, Antò JM, Künzli N, Janson C, Sunyer J, Svanes C, Heinrich J, Schouten JP, Wjst M, Pozzi E, de Marco R. What defines airflow obstruction in asthma? *Eur Respir J* 2009;34:568-73.
- 87) de Marco R, **Accordini S**, Antò JM, Gislason T, Heinrich J, Janson C, Jarvis D, Künzli N, Leynaert B, Marcon A, Sunyer J, Svanes C, Wjst M, Burney P. Long-term outcomes in mild/moderate chronic obstructive pulmonary disease in the European Community Respiratory Health Survey. *Am J Respir Crit Care Med* 2009;180:956-63.
- 88) Nosè M, **Accordini S**, Artioli P, Barale F, Barbui C, Beneduce R, Berardi D, Bertolazzi G, Biancosino B, Bisogno A, Bivi R, Bogetto F, Boso M, Bozzani A, Bucolo P, Casale M, Cascone L, Ciammella L, Cicolini A, Cipresso G, Cipriani A, Colombo P, Dal Santo B, De Francesco M, Di Lorenzo G, Di Munzio W, Ducci G, Erlicher A, Esposito E, Ferrannini L, Ferrato F, Ferro A, Fragomeno N, Parise VF, Frova M, Gardellin F, Garzotto N, Giambartolomei A, Giupponi G, Grassi L, Grazian N, Grecu L, Guerrini G, Laddomada F, Lazzarin E, Lintas C, Malchiodi F, Malvini L, Marchiaro L, Marsilio A, Mauri MC, Mautone A, Menchetti M, Migliorini G, Mollica M, Moretti D, Mulè S, Nicholau S, Nosè F, Occhionero G, Pacilli AM, Pecchioli S, Percudani M, Piantato E, Piazza C, Pontarollo F, Pycha R, Quartesan R, Rillosi L, Risso F, Rizzo R, Rocca P, Roma S, Rossattini M, Rossi G, Rossi G, Sala A, Santilli C, Saraò G, Sarnicola A, Sartore F, Scarone S, Sciarma T, Siracusano A, Strizzolo S, Tansella M, Targa G, Tasser A, Tomasi R, Travaglini R, Veronese A, Ziero S. Rationale and design of an independent randomised controlled trial evaluating the effectiveness of aripiprazole or haloperidol in combination with clozapine for treatment-resistant schizophrenia. *Trials* 2009;10:31.
- 89) Marcon A, Corsico A, Cazzoletti L, Bugiani M, **Accordini S**, Almar E, Cerveri I, Gislason D, Gulsvik A, Janson C, Jarvis D, Martínez-Moratalla J, Pin I, de Marco R. Body mass index, weight gain, and other determinants of lung function decline in adult asthma. *J Allergy Clin Immunol* 2009;123:1069-74.

- 90) Cerveri I, Corsico AG, **Accordini S**, Niniano R, Ansaldo E, Antó JM, Künzli N, Janson C, Sunyer J, Jarvis D, Svanes C, Gislason T, Heinrich J, Schouten JP, Wjst M, Burney P, de Marco R. Underestimation of airflow obstruction among young adults using FEV₁/FVC<70% as a fixed cut-off: a longitudinal evaluation of clinical and functional outcomes. *Thorax* 2008;63:1040-5.
- 91) Siroux V, Boudier A, Anto JM, Cazzoletti L, **Accordini S**, Alonso J, Cerveri I, Corsico A, Gulsvik A, Jarvis D, de Marco R, Marcon A, Marques EA, Bugiani M, Janson C, Leynaert B, Pin I. Quality-of-life and asthma-severity in general population asthmatics: results of the ECRHS II study. *Allergy* 2008;63:547-54.
- 92) **Accordini S**, Corsico A, Cerveri I, Gislason D, Gulsvik A, Janson C, Jarvis D, Marcon A, Pin I, Vermeire P, Almar E, Bugiani M, Cazzoletti L, Duran-Tauleria E, Jögi R, Marinoni A, Martínez-Moratalla J, Leynaert B, de Marco R. The socio-economic burden of asthma is substantial in Europe. *Allergy* 2008;63:116-24.
- 93) **Accordini S**. An introduction to sample size calculations in clinical trials. *Epidemiol Psichiatr Soc* 2007;16:299-301.
- 94) Cazzoletti L, Marcon A, Janson C, Corsico A, Jarvis D, Pin I, **Accordini S**, Almar E, Bugiani M, Carolei A, Cerveri I, Duran-Tauleria E, Gislason D, Gulsvik A, Jögi R, Marinoni A, Martínez-Moratalla J, Vermeire P, de Marco R. Asthma control in Europe: a real-world evaluation based on an international population-based study. *J Allergy Clin Immunol* 2007;120:1360-7.
- 95) de Marco R, Marcon A, Jarvis D, **Accordini S**, Bugiani M, Cazzoletti L, Cerveri I, Corsico A, Gislason D, Gulsvik A, Jögi R, Martínez-Moratalla J, Pin I, Janson C. Inhaled steroids are associated with reduced lung function decline in subjects with asthma with elevated total IgE. *J Allergy Clin Immunol* 2007;119:611-7.
- 96) Corsico AG, Cazzoletti L, de Marco R, Janson C, Jarvis D, Zoia MC, Bugiani M, **Accordini S**, Villani S, Marinoni A, Gislason D, Gulsvik A, Pin I, Vermeire P, Cerveri I. Factors affecting adherence to asthma treatment in an international cohort of young and middle-aged adults. *Respir Med* 2007;101:1363-7.
- 97) de Marco R, **Accordini S**, Cerveri I, Corsico A, Antó JM, Künzli N, Janson C, Sunyer J, Jarvis D, Chinn S, Vermeire P, Svanes C, Ackermann-Liebrich U, Gislason T, Heinrich J, Leynaert B, Neukirch F, Schouten JP, Wjst M, Burney P. Incidence of chronic obstructive pulmonary disease in a cohort of young adults according to the presence of chronic cough and phlegm. *Am J Respir Crit Care Med* 2007;175:32-9.
- 98) **Accordini S**, Bugiani M, Arossa W, Gerzeli S, Marinoni A, Olivieri M, Pirina P, Carrozzi L, Dallari R, De Togni A, de Marco R. Poor control increases the economic cost of asthma: a multicentre population-based study. *Int Arch Allergy Immunol* 2006;141:189-98.
- 99) Barbui C, Cipriani A, Malvini L, Nosé M, **Accordini S**, Pontarollo F, Veronese A, Tansella M. Trasformare la pratica clinica in ricerca. Un invito a partecipare allo studio CHAT. *Riv Psichiatr* 2006;41:326-30.
- 100) de Marco R, Marcon A, Jarvis D, **Accordini S**, Almar E, Bugiani M, Carolei A, Cazzoletti L, Corsico A, Gislason D, Gulsvik A, Jögi R, Marinoni A, Martínez-Moratalla J, Pin I, Janson C. Prognostic factors of

asthma severity: a 9-year international prospective cohort study. *J Allergy Clin Immunol* 2006;117:1249-56.

- 101) Janson C, de Marco R, **Accordini S**, Almar E, Bugiani M, Carolei A, Cazzoletti L, Cerveri I, Corsico A, Duran-Tauleria E, Gislason D, Gulsvik A, Jøgi R, Marinoni A, Martínez-Moratalla J, Pin I, Vermeire P, Jarvis D. Changes in the use of anti-asthmatic medication in an international cohort. *Eur Respir J* 2005;26:1047-55.
- 102) de Marco R, Cazzoletti L, Cerveri I, Corsico A, Bugiani M, **Accordini S**, Carrozzi L, Dallari R, De Togni A, Marinoni A, Pirina P, Janson C. Are the asthma guideline goals achieved in daily practice? A population-based study on treatment adequacy and the control of asthma. *Int Arch Allergy Immunol* 2005;138:225-34.
- 103) de Marco R, **Accordini S**, Cerveri I, Corsico A, Sunyer J, Neukirch F, Kunzli N, Leynaert B, Janson C, Gislason T, Vermeire P, Svanes C, Anto JM, Burney P. An international survey of chronic obstructive pulmonary disease in young adults according to GOLD stages. *Thorax* 2004;59:120-5.
- 104) Cerveri I, **Accordini S**, Corsico A, Zoia MC, Carrozzi L, Cazzoletti L, Beccaria M, Marinoni A, Viegi G, de Marco R. Chronic cough and phlegm in young adults. *Eur Respir J* 2003;22:413-7.
- 105) Verlato G, Corsico A, Villani S, Cerveri I, Migliore E, **Accordini S**, Carolei A, Piccioni P, Bugiani M, Lo Cascio V, Marinoni A, Poli A, de Marco R. Is the prevalence of adult asthma and allergic rhinitis still increasing? Results of an Italian study. *J Allergy Clin Immunol* 2003;111:1232-8.
- 106) Pasini F, Verlato G, Durante E, de Manzoni G, Valduga F, **Accordini S**, Pedrazzani C, Terzi A, Pelosi G. Persistent excess mortality from lung cancer in patients with stage I non-small-cell lung cancer, disease-free after 5 years. *Brit J Cancer* 2003;88:1666-8.
- 107) de Marco R, Bugiani M, Cazzoletti L, Carosso A, **Accordini S**, Buriani O, Carrozzi L, Dallari R, Giammanco G, Ginesu F, Marinoni A, Lo Cascio V, Poli A, Struzzo P, Janson C. The control of asthma in Italy. A multicentre descriptive study on young adults with doctor diagnosed current asthma. *Allergy* 2003;58:221-8.
- 108) de Marco R, Poli A, Ferrari M, **Accordini S**, Giammanco G, Bugiani M, Villani S, Ponzio M, Bono R, Carrozzi L, Cavallini R, Cazzoletti L, Dallari R, Ginesu F, Lauriola P, Mandrioli P, Perfetti L, Pignato S, Pirina P, Struzzo P. The impact of climate and traffic-related NO₂ on the prevalence of asthma and allergic rhinitis in Italy. *Clin Exp Allergy* 2002;32:1405-12.
- 109) Iacono C, **Accordini S**, Bortolasi L, Facci E, Zamboni G, Montresor E, Marinello PD, Serio G. Results of pancreaticoduodenectomy for pancreatic cancer: extended versus standard procedure. *World J Surg* 2002;26:1309-14.
- 110) Procacci C, Carbognin G, **Accordini S**, Biasiutti C, Guarise A, Lombardo F, Ghirardi C, Graziani R, Pagnotta N, de Marco R. CT features of malignant mucinous cystic tumors of the pancreas. *Eur Radiol* 2001;11:1626-30.

- 111) Cerveri I, **Accordini S**, Verlato G, Corsico A, Zoia MC, Casali L, Burney P, de Marco R. Variations in the prevalence across countries of chronic bronchitis and smoking habits in young adults. *Eur Respir J* 2001;18:85-92.
- 112) Procacci C, Carbognin G, **Accordini S**, Biasiutti C, Bicego E, Romano L, Guarise A, Minniti S, Pagnotta N, Falconi M. Nonfunctioning endocrine tumors of the pancreas: possibilities of spiral CT characterization. *Eur Radiol* 2001;11:1175-83.
- 113) de Marco R, Zanolin ME, **Accordini S**, Signorelli D, Marinoni A, Bugiani M, Lo Cascio V, Woods R, Burney P. A new questionnaire for the repeat of the first stage of the European Community Respiratory Health Survey: a pilot study. *Eur Respir J* 1999;14:1044-8.
- 114) Procacci C, Biasiutti C, Carbognin G, **Accordini S**, Bicego E, Guarise A, Spoto E, Bergamo Andreis IA, de Marco R, Megibow AJ. Characterization of cystic tumors of the pancreas: CT accuracy. *J Comput Assist Tomogr* 1999;23:906-12.
- 115) Cerveri I, Locatelli F, Zoia MC, Corsico A, **Accordini S**, de Marco R. International variations in asthma treatment compliance: the results of the European Community Respiratory Health Survey (ECRHS). *Eur Respir J* 1999;14:288-94.