



Personal information

First name(s) / Surname(s) **Leonardo Michele Fabbri**
H Index November 2016: 109 Google Scholar; 85 Scopus

Address **Viale Verdi, 59 - 41121, Modena, Italy**

Telephone **+39 059-235802; +39 053 2688143**

Fax **+39 059 235802; +39 0532 291297**

Mobile **+39 348-9902706; +39 348-9934593**

E-mail **leonardo.fabbri20@gmail.com**

Nationality **Italian**

Date of birth **June 8, 1947**

Gender **Male**

Occupational field **Medical Doctor**

Work experience

Name and address of employer **University of Modena and Reggio Emilia – Modena Hospital (-2016)**
Via Università 5 - 41121 Modena – Italy

From 2000 to 31 October 2016

Academic positions held **Professor of Respiratory Diseases (2000-)**
Director of Respiratory Diseases(2000-)
Director of Medical Oncology (2013-2015)
Director of the Department of Oncology, Hematology and Respiratory Diseases (2010-2015)
Professor of Internal Medicine and Director of the Department of Metabolic Medicine (2016)

From 2000 to date

Main activities and responsibilities **Director of Respiratory Diseases(2000-2015)**
Director of Oncology (2013-2015)
Director of the Department of Oncology, Hematology and Respiratory Diseases (2010-2015)
Professor and Director of Internal Medicine (2016)

From 2003 to 2007 and from 2008 to 2010
Director of the Post-Graduate School of Respiratory Diseases
University – Hospital of Modena e Reggio Emilia

From 2003 to 2007
 President, School of Physiotherapy
 University – Hospital of Modena e Reggio Emilia

From 1992 to 2000
 Associate Professor of Respiratory Diseases
 Director of the Research Centre for Asthma and COPD (1993-2000)
 University of Ferrara
 Via Savonarola, 9 - 44121 FERRARA – Italy

From 1991 to 1992
 Assistant Professor of Medicine (Ricercatore), Respiratory Diseases
 University – Hospital of Ferrara

From 1981 to 1991
 Assistant Professor of Medicine (Ricercatore), Occupational Medicine
 Director of the Laboratory of Respiratory Physiology (1983-1991)
 University – Hospital of Padova
 Via 8 Febbraio 1848 – 35100 Padova - Italy

Education and training

Dates	Title of qualification awarded
1961-1966	High School I. Nievo-Padova Scientific Maturity
1966-1972	Degree in Medicine and Surgery, 110/110 cum laude, University of Padova - Italy
Post-Graduate Training	Board in Occupational Medicine, 1975, University of Padua, 70/70 cum laude Board in Respiratory Diseases, 1978, University of Bologna, 70/70 cum laude
1980 – 1981	Visiting Scientist Department of Respiratory Diseases Tulane University, New Orleans, USA, School of Medicine
1981 – 1983	Visiting Scientist University of California, San Francisco, Cardiovascular Research Institute

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s) **English**

Self-assessment

European level (*)

Language

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
excellent	excellent	excellent	excellent	excellent

(*) [Common European Framework of Reference for Languages](#)

Editorial assignments Associate Editor for :

- American Journal Respiratory and Critical Care Medicine, 1999-2009
- American Journal Respiratory and Critical Care Medicine, 2015 – to date
- European Respiratory Journal, 2004 -to date
- Lancet Respiratory Medicine, 2013 - to date
-
- Journal of COPD, 2004 - to date
- Respiratory Research, 2005 - to date
- European Journal of Clinical Investigation 2010 - to date
- Italian Journal of Internal Medicine, 2010 - to date
- PLOS-ONE, september 2013 – to date

Reviewer of Research Projects For:

European Union almost yearly from 2005
 Framework Program 7
 Innovative Medicine Initiative
 German Center for Lung Research, 2011
 Spanish Clinical Research Network- Instituto de Salud Carlos III - Ministerio de Ciencia
 The Swedish Foundation for Strategic Research
 Slovenian Research Agency
 Research Council K.U.Leuven, Belgium
 Cineca – referee scientific products (VQR) for the Italian Ministry of University
 Cineca – referee research projects (FIRB) for the Italian Ministry of University
 French Ministry of Research, 2015

Role in Scientific Societies

Presidential cicle - European Respiratory Society (ERS) 2005-2009
 President - European Respiratory Society (ERS) 2007-2008

Member of the International Committee for the "Global Strategy on COPD", sponsored by the NHLBI and the WHO, 1997-to date

Chairman of the Scientific Committee, International Committee for the "Global Strategy on COPD", sponsored by the NHLBI and the WHO, 2000-2005

Chairman of the Executive Committee, International Committee for the "Global Strategy on COPD", sponsored by the NHLBI and the WHO, 2005-2006

Organisational skills and competences Excellent

Printed publications in national and international Journals > 350
To see the work, go to the website of the National Library of Medicine
<http://www.ncbi.nlm.nih.gov/pubmed> typing into the "Search for": Fabbri LM

Book chapters 15
 Books and monographs 8
 H-index 85 (Scopus, November 2016)
 109 (Publish or perish, November 2016)

PUBLICATIONS

Leonardo M. Fabbri, MD, FERS

Most relevant papers published in THE LAST 10 YEARS

- 1: Papi A and Fabbri LM. Invited Editorial. Management of patients with early mild asthma and infrequent symptoms. 2016, The lancet, in press
- 2: Roversi S, Fabbri LM, Sin DD, Hawkins NM, Agusti A. Chronic Obstructive Pulmonary Disease and Cardiac Diseases: An Urgent Need for Integrated Care. Am J Respir Crit Care Med. 2016 Sep 2. In press
- 3: Fabbri LM. Invited Editorial. The disease is smoking, not COPD. N Engl J Med 2016 Sep 1;375: 1885-6.
- 4: Martinez FJ, Calverley PM, Goehring UM, Brose M, and Fabbri LM and Rabe KF. Effect of roflumilast on exacerbations in patients with severe chronic obstructive pulmonary disease uncontrolled by combination therapy (REACT): a multicentre randomised controlled trial. Lancet. 2015 Mar 7;385(9971):857-66.
- 5: Papi A, Marku B, Scichilone N, Maestrelli P, Paggiaro P, Saetta M, Nava S, Folletti I, Bertorelli G, Bertacco S, Contoli M, Plebani M, Barbaro MP, Spanevello A, Aliani M, Pannacci M, Morelli P, Beghé B, and Fabbri LM; AIFASMA Study Group. Regular versus as-needed budesonide and formoterol combination treatment for moderate asthma: a non-inferiority, randomised, double-blind clinical trial. Lancet Respir Med. 2015 Feb;3(2):109-19.
- 6: Vogelmeier C, Hederer B, Glaab T, Schmidt H, Rutten-van Mölken MP, Beeh KM, Rabe KF, and Fabbri LM. Tiotropium versus salmeterol for the prevention of exacerbations of COPD. N Engl J Med. 2011 Mar 24;364(12):1093-110.
- 7: Fabbri LM, Calverley PM, Izquierdo-Alonso JL, Bundschuh DS, Brose M, Martinez FJ, Rabe KF; M2-127 and M2-128 study groups. Roflumilast in moderate-to-severe chronic obstructive pulmonary disease treated with long-acting bronchodilators: two randomised clinical trials. Lancet. 2009 Aug 29;374(9691):695-703. PubMed PMID: 19716961.
- 8: Fabbri LM and Rabe KF. From COPD to chronic systemic inflammatory syndrome? Lancet. 2007 Sep 1;370(9589):797-9. PubMed PMID: 17765529.
- 9: Papi A, Canonica GW, Maestrelli P, Paggiaro P, Olivieri D, Pozzi E, Crimi N, Vignola AM, Morelli P, Nicolini G, and Fabbri LM; BEST Study Group. Rescue use of beclomethasone and albuterol in a single inhaler for mild asthma. N Engl J Med. 2007 May 17;356(20):2040-52. PubMed PMID: 17507703.
10. Fabbri LM. Invited Editorial. Does mild persistent asthma require regular treatment? N Engl J Med. 2005 Apr 14;352(15):1589-91.

BOOKS FOR MEDICAL STUDENTS

Rugarli C. Medicina Interna Sistematica. VII Edizione. Parte 2: Malattie dell' Apparato Respiratorio, A cura di LM Fabbri LM. EDRA-Masson, Milano, 2010 (VI Ed) and 2015 (VII Edi)

Fabbri LM e Marsico SA. Trattato di Malattie Respiratorie. Edises, Napoli, 2013

Leonardo M. Fabbri
Professor of Respiratory Medicine
University of Modena and Reggio Emilia

Full List of Publications

Papi A and Fabbri LM. Invited Editorial. Management of patients with early mild asthma and infrequent symptoms. 2016, *The Lancet*, in press

Fabbri LM, Kerwin EM, Spangenthal S, Ferguson GT, Rodriguez-Roisin R, Pearle J, Sethi S, Orevillo C, Darken P, St Rose E, Fischer T, Golden M, Dwivedi S, Reisner C. Dose-response to inhaled glycopyrrolate delivered with a novel Co-Suspension™ Delivery Technology metered dose inhaler (MDI) in patients with moderate-to-severe COPD. *Respir Res.* 2016 Sep 2;17(1):109. doi: 10.1186/s12931-016-0426-4. PubMed PMID: 27586537; PubMed Central PMCID: PMC5009486.

Clini EM, Beghé B, Fabbri LM. What is the origin of dyspnoea in smokers without airway disease? *Eur Respir J.* 2016 Sep;48(3):604-7. doi: 10.1183/13993003.01170-2016. PubMed PMID: 27581401.

Fabbri LM. Symptoms in Smokers with Preserved Pulmonary Function. *N Engl J Med.* 2016 Sep 1;375(9):897. doi: 10.1056/NEJMc1608235. PubMed PMID: 27579643.

Bousquet J, Dinh-Xuan AT, Similowski T, Malva J, Ankri J, Barbagallo M, Fabbri L, Humbert M, Mercier J, Robalo-Cordeiro C, Rodriguez-Manas L, Vellas B. Should we use gait speed in COPD, FEV1 in frailty and dyspnoea in both? *Eur Respir J.* 2016 Aug;48(2):315-9. doi: 10.1183/13993003.00633-2016. PubMed PMID: 27478189

1: Bousquet J, Farrell J, Crooks G, Hellings P, Bel EH, Bewick M, Chavannes NH, de Sousa JC, Cruz AA, Haahtela T, Joos G, Khaltayev N, Malva J, Muraro A, Nogueira M, Palkonen S, Pedersen S, Robalo-Cordeiro C, Samolinski B, Strandberg T, Valiulis A, Yorgancioglu A, Zuberbier T, Bedbrook A, Aberer W, Adachi M, Agusti A, Akdis CA, Akdis M, Ankri J, Alonso A, Annesi-Maesano I, Ansotegui IJ, Anto JM, Arnavielhe S, Arshad H, Bai C, Baiardini I, Bachert C, Baigenzhin AK, Barbara C, Bateman ED, Beghé B, Kheder AB, Bennoor KS, Benson M, Bergmann KC, Bieber T, Bindslev-Jensen C, Bjermer L, Blain H, Blasi F, Boner AL, Bonini M, Bonini S, Bosnic-Anticevitch S, Boulet LP, Bourret R, Bousquet PJ, Braido F, Briggs AH, Brightling CE, Brozek J, Buhl R, Burney PG, Bush A, Caballero-Fonseca F, Caimmi D, Calderon MA, Calverley PM, Camargos PA, Canonica GW, Camuzat T, Carlsen KH, Carr W, Carriazo A, Casale T, Cepeda Sarabia AM, Chatzi L, Chen YZ, Chiron R, Chkhartishvili E, Chuchalin AG, Chung KF, Ciprandi G, Cirule I, Cox L, Costa DJ, Custovic A, Dahl R, Dahlen SE, Darsow U, De Carlo G, De Blay F, Dedeu T, Deleanu D, De Manuel Keenoy E, Demoly P, Denburg JA, Devillier P, Didier A, Dinh-Xuan AT, Djukanovic R, Dokic D, Douagui H, Dray G, Dubakiene R, Durham SR, Dykewicz MS, El-Gamal Y, Emuzyte R, Fabbri LM, Fletcher M, Fiocchi A, Fink Wagner A, Fonseca J, Fokkens WJ, Forastiere F, Frith P, Gaga M, Gamkrelidze A, Garces J, Garcia-Aymerich J, Gemicioğlu B, Gereda JE, González Diaz S, Gotua M, Grisle I, Grouse L, Gutter Z, Guzmán MA, Heaney LG, Hellquist-Dahl B, Henderson D, Hendry A, Heinrich J, Heve D, Horak F, Hourihane JO, Howarth P, Humbert M, Hyland ME, Illario M, Ivancevich JC, Jardim JR, Jares EJ, Jeandel C, Jenkins C, Johnston SL, Jonquet O, Julge K, Jung KS, Just J, Kaidashev I, Kaitov MR, Kalayci O, Kalyoncu AF, Keil T, Keith PK, Klimek L, Koffi N'Goran B, Kolek V, Koppelman GH, Kowalski ML, Kull I, Kuna P, Kvedariene V, Lambrecht B, Lau S, Larenas-Linnemann D, Laune

D, Le LT, Lieberman P, Lipworth B, Li J, Lodrup Carlsen K, Louis R, MacNee W, Magard Y, Magnan A, Mahboub B, Mair A, Majer I, Makela MJ, Manning P, Mara S, Marshall GD, Masjedi MR, Matignon P, Maurer M, Mavale-Manuel S, Melén E, Melo-Gomes E, Meltzer EO, Menzies-Gow A, Merk H, Michel JP, Miculinic N, Mihaltan F, Milenkovic B, Mohammad GM, Molimard M, Momas I, Montilla-Santana A, Morais-Almeida M, Morgan M, Mösges R, Mullol J, Nafti S, Namazova-Baranova L, Naclerio R, Neou A, Neffen H, Nekam K, Niggemann B, Ninot G, Nyembue TD, O'Hehir RE, Ohta K, Okamoto Y, Okubo K, Ouedraogo S, Paggiaro P, Pali-Schöll I, Panzner P, Papadopoulos N, Papi A, Park HS, Passalacqua G, Pavord I, Pawankar R, Pengelly R, Pfaar O, Picard R, Pigearias B, Pin I, Plavec D, Poethig D, Pohl W, Popov TA, Portejoie F, Potter P, Postma D, Price D, Rabe KF, Raciborski F, Radier Pontal F, Repka-Ramirez S, Reitamo S, Rennard S, Rodenas F, Roberts J, Roca J, Rodriguez Mañas L, Rolland C, Roman Rodriguez M, Romano A, Rosado-Pinto J, Rosario N, Rosenwasser L, Rottem M, Ryan D, Sanchez-Borges M, Scadding GK, Schunemann HJ, Serrano E, Schmid-Grendelmeier P, Schulz H, Sheikh A, Shields M, Siafakas N, Sibille Y, Similowski T, Simons FE, Sisul JC, Skrindo I, Smit HA, Solé D, Sooronbaev T, Spranger O, Stelmach R, Sterk PJ, Sunyer J, Thijs C, To T, Todo-Bom A, Triggiani M, Valenta R, Valero AL, Valia E, Valovirta E, Van Ganse E, van Hage M, Vandenplas O, Vasankari T, Vellas B, Vestbo J, Vezzani G, Vichyanond P, Viegi G, Vogelmeier C, Vontetsianos T, Wagenmann M, Wallaert B, Walker S, Wang DY, Wahn U, Wickman M, Williams DM, Williams S, Wright J, Yawn BP, Yiallourous PK, Yusuf OM, Zaidi A, Zar HJ, Zernotti ME, Zhang L, Zhong N, Zidarn M, Mercier J. Scaling up strategies of the chronic respiratory disease programme of the European Innovation Partnership on Active and Healthy Ageing (Action Plan B3: Area 5). *Clin Transl Allergy*. 2016 Jul 29;6:29. doi: 10.1186/s13601-016-0116-9. eCollection 2016. Review. PubMed PMID: 27478588; PubMed Central PMCID: PMC4966705.

2: Franssen FM, Soriano JB, Roche N, Bloomfield PH, Brusselle G, Fabbri LM, García-Río F, Kearney MT, Kwon N, Lundbäck B, Rabe KF, Raillard A, Muellerova H, Cockcroft JR. Lung Function Abnormalities in Smokers With Ischemic Heart Disease. *Am J Respir Crit Care Med*. 2016 Jul 21. [Epub ahead of print] PubMed PMID: 27442601.

3: Sastre J, Fabbri LM, Price D, Wahn HU, Bousquet J, Fish JE, Murphy K, Sears MR. Insights, attitudes, and perceptions about asthma and its treatment: a multinational survey of patients from Europe and Canada. *World Allergy Organ J*. 2016 May 4;9:13. doi: 10.1186/s40413-016-0105-4. eCollection 2016. PubMed PMID: 27195057; PubMed Central PMCID: PMC4855503.

4: Fabbri LM. Smoking, Not COPD, as the Disease. *N Engl J Med*. 2016 May 12;374(19):1885-6. doi: 10.1056/NEJMe1515508. PubMed PMID: 27168438.

5: Watz H, Tetzlaff K, Wouters EF, Kirsten A, Magnussen H, Rodriguez-Roisin R, Vogelmeier C, Fabbri LM, Chanez P, Dahl R, Disse B, Finnigan H, Calverley PM. Blood eosinophil count and exacerbations in severe chronic obstructive pulmonary disease after withdrawal of inhaled corticosteroids: a post-hoc analysis of the WISDOM trial. *Lancet Respir Med*. 2016 May;4(5):390-8. doi: 10.1016/S2213-2600(16)00100-4. Epub 2016 Apr 7. PubMed PMID: 27066739.

6: James AJ, Reinius LE, Verhoek M, Gomes A, Kupczyk M, Hammar U, Ono J, Ohta S, Izuhara K, Bel E, Kere J, Söderhäll C, Dahlén B, Boot RG, Dahlén SE; BIOAIR (Longitudinal Assessment of Clinical Course and Biomarkers in Severe Chronic

Airway Disease) Consortium. Increased YKL-40 and Chitotriosidase in Asthma and Chronic Obstructive Pulmonary Disease. *Am J Respir Crit Care Med*. 2016 Jan 15;193(2):131-42. doi: 10.1164/rccm.201504-0760OC. PubMed PMID: 26372680.

7: Roversi S, Tonelli R, Fabbri LM. Breakthroughs in internal and respiratory medicine. *Lancet Respir Med*. 2015 Aug;3(8):600-2. doi: 10.1016/S2213-2600(15)00251-9. Epub 2015 Jul 14. PubMed PMID: 26187263.

8: Nathan RA, Thompson PJ, Price D, Fabbri LM, Salvi S, González-Díaz S, Maspero JF, Moreno-Cantu JJ, Fish JE, Murphy K. Taking Aim at Asthma Around the World: Global Results of the Asthma Insight and Management Survey in the Asia-Pacific Region, Latin America, Europe, Canada, and the United States. *J Allergy Clin Immunol Pract*. 2015 Sep-Oct;3(5):734-42.e5. doi: 10.1016/j.jaip.2015.04.013. Epub 2015 Jun 23. PubMed PMID: 26116167.

9: Celli BR, Decramer M, Wedzicha JA, Wilson KC, Agustí AA, Criner GJ, MacNee W, Make BJ, Rennard SI, Stockley RA, Vogelmeier C, Anzueto A, Au DH, Barnes PJ, Burgel PR, Calverley PM, Casanova C, Clini EM, Cooper CB, Coxson HO, Dusser DJ, Fabbri LM, Fahy B, Ferguson GT, Fisher A, Fletcher MJ, Hayot M, Hurst JR, Jones PW, Mahler DA, Maltais F, Mannino DM, Martinez FJ, Miravittles M, Meek PM, Papi A, Rabe KF, Roche N, Sciurba FC, Sethi S, Siafakas N, Sin DD, Soriano JB, Stoller JK, Tashkin DP, Troosters T, Verleden GM, Verschakelen J, Vestbo J, Walsh JW, Washko GR, Wise RA, Wouters EF, ZuWallack RL; ATS/ERS Task Force for COPD Research. An official American Thoracic Society/European Respiratory Society statement: research questions in COPD. *Eur Respir Rev*. 2015 Jun;24(136):159-72. doi: 10.1183/16000617.00000315. Review. PubMed PMID: 26028628.

10: Celli BR, Decramer M, Wedzicha JA, Wilson KC, Agustí A, Criner GJ, MacNee W, Make BJ, Rennard SI, Stockley RA, Vogelmeier C, Anzueto A, Au DH, Barnes PJ, Burgel PR, Calverley PM, Casanova C, Clini EM, Cooper CB, Coxson HO, Dusser DJ, Fabbri LM, Fahy B, Ferguson GT, Fisher A, Fletcher MJ, Hayot M, Hurst JR, Jones PW, Mahler DA, Maltais F, Mannino DM, Martinez FJ, Miravittles M, Meek PM, Papi A, Rabe KF, Roche N, Sciurba FC, Sethi S, Siafakas N, Sin DD, Soriano JB, Stoller JK, Tashkin DP, Troosters T, Verleden GM, Verschakelen J, Vestbo J, Walsh JW, Washko GR, Wise RA, Wouters EF, ZuWallack RL; ATS/ERS Task Force for COPD Research. An Official American Thoracic Society/European Respiratory Society Statement: Research questions in chronic obstructive pulmonary disease. *Am J Respir Crit Care Med*. 2015 Apr 1;191(7):e4-e27. doi: 10.1164/rccm.201501-0044ST. PubMed PMID: 25830527.

11: Fabbri LM, Agusti A. Salmeterol/fluticasone combination instead of indacaterol or vice-versa? *Eur Respir J*. 2015 Apr;45(4):1187-8. doi: 10.1183/09031936.00226314. PubMed PMID: 25829433.

12: Celli BR, Decramer M, Wedzicha JA, Wilson KC, Agustí A, Criner GJ, MacNee W, Make BJ, Rennard SI, Stockley RA, Vogelmeier C, Anzueto A, Au DH, Barnes PJ, Burgel PR, Calverley PM, Casanova C, Clini EM, Cooper CB, Coxson HO, Dusser DJ,

Fabbri LM, Fahy B, Ferguson GT, Fisher A, Fletcher MJ, Hayot M, Hurst JR, Jones PW, Mahler DA, Maltais F, Mannino DM, Martinez FJ, Miravittles M, Meek PM, Papi A, Rabe KF, Roche N, Scirba FC, Sethi S, Siafakas N, Sin DD, Soriano JB, Stoller JK, Tashkin DP, Troosters T, Verleden GM, Verschakelen J, Vestbo J, Walsh JW, Washko GR, Wise RA, Wouters EF, ZuWallack RL; ATS/ERS Task Force for COPD Research. An official American Thoracic Society/European Respiratory Society statement: research questions in COPD. *Eur Respir J*. 2015 Apr;45(4):879-905. doi: 10.1183/09031936.00009015. Review. PubMed PMID: 25829431.

13: Beghè B, Spanevello A, Fabbri LM. Eosinophilia in asthma: the easy way is not always the best. *Lancet Respir Med*. 2015 Apr;3(4):260-1. doi: 10.1016/S2213-2600(15)00108-3. Epub 2015 Mar 23. PubMed PMID: 25808674.

14: Verduri A, Luppi F, D'Amico R, Balduzzi S, Vicini R, Liverani A, Ruggieri V, Plebani M, Barbaro MP, Spanevello A, Canonica GW, Papi A, Fabbri LM, Beghè B; FARM58J2XH Study Group. Antibiotic treatment of severe exacerbations of chronic obstructive pulmonary disease with procalcitonin: a randomized noninferiority trial. *PLoS One*. 2015 Mar 11;10(3):e0118241. doi: 10.1371/journal.pone.0118241. eCollection 2015. PubMed PMID: 25760346; PubMed Central PMCID: PMC4356612.

15: Plebani M, Fabbri LM. Procalcitonin-guided antibiotic therapy: a potentially effective and efficient strategy. *Clin Chem Lab Med*. 2015 Mar;53(4):519-20. doi: 10.1515/cclm-2015-0061. PubMed PMID: 25741739.

16: Martinez FJ, Calverley PM, Goehring UM, Brose M, Fabbri LM, Rabe KF. Effect of roflumilast on exacerbations in patients with severe chronic obstructive pulmonary disease uncontrolled by combination therapy (REACT): a multicentre randomised controlled trial. *Lancet*. 2015 Mar 7;385(9971):857-66. doi: 10.1016/S0140-6736(14)62410-7. Epub 2015 Feb 13. PubMed PMID: 25684586.

17: Papi A, Marku B, Scichilone N, Maestrelli P, Paggiaro P, Saetta M, Nava S, Folletti I, Bertorelli G, Bertacco S, Contoli M, Plebani M, Barbaro MP, Spanevello A, Aliani M, Pannacci M, Morelli P, Beghè B, Fabbri LM; AIFASMA Study Group. Regular versus as-needed budesonide and formoterol combination treatment for moderate asthma: a non-inferiority, randomised, double-blind clinical trial. *Lancet Respir Med*. 2015 Feb;3(2):109-19. doi: 10.1016/S2213-2600(14)70266-8. Epub 2014 Dec 4. PubMed PMID: 25481378.

18: Agusti A, Fabbri LM. Inhaled steroids in COPD: when should they be used? *Lancet Respir Med*. 2014 Nov;2(11):869-71. doi: 10.1016/S2213-2600(14)70227-9. Epub 2014 Nov 3. PubMed PMID: 25439566.

19: Clini E, Beghe B, Fabbri LM. Symptomatic, frail, elderly patients: the urgent need for comprehensive assessment and management. *Eur Respir J*. 2014 Dec;44(6):1397-400. doi: 10.1183/09031936.00150814. PubMed PMID: 25435524.

20: Fabbri LM. Benralizumab: for asthma, not yet for COPD. *Lancet Respir Med*. 2014 Nov;2(11):862-3. doi: 10.1016/S2213-2600(14)70225-5. Epub 2014 Oct 8. PubMed PMID: 25306558.

21: Grottola A, Roversi P, Fabio A, Antenora F, Apice M, Tagliazucchi S, Gennari W, Serpini GF, Rumpianesi F, Fabbri LM, Magnani R, Pecorari M. Pulmonary disease caused by *Mycobacterium marseillense*, Italy. *Emerg Infect Dis*. 2014 Oct;20(10):1769-70. doi: 10.3201/eid2010.140309. PubMed PMID: 25271594; PubMed Central PMCID: PMC4193172.

22: Magnussen H, Disse B, Rodriguez-Roisin R, Kirsten A, Watz H, Tetzlaff K, Towse L, Finnigan H, Dahl R, Decramer M, Chanez P, Wouters EF, Calverley PM; WISDOM Investigators. Withdrawal of inhaled glucocorticoids and exacerbations of COPD. *N Engl J Med*. 2014 Oct 2;371(14):1285-94. doi: 10.1056/NEJMoa1407154. Epub 2014 Sep 8. PubMed PMID: 25196117.

23: Drazen JM, Fabbri LM. Ageing and multimorbidity. *Eur Respir J*. 2014 Sep;44(3):557. doi: 10.1183/09031936.00120814. PubMed PMID: 25176945.

24: Yáñez A, Cho SH, Soriano JB, Rosenwasser LJ, Rodrigo GJ, Rabe KF, Peters S, Niimi A, Ledford DK, Katial R, Fabbri LM, Celedón JC, Canonica GW, Busse P, Boulet LP, Baena-Cagnani CE, Hamid Q, Bachert C, Pawankar R, Holgate ST. Asthma in the elderly: what we know and what we have yet to know. *World Allergy Organ J*. 2014 May 30;7(1):8. doi: 10.1186/1939-4551-7-8. eCollection 2014. Review. PubMed PMID: 25152804; PubMed Central PMCID: PMC4137434.

25: Kupczyk M, Dahlén B, Sterk PJ, Nizankowska-Mogilnicka E, Papi A, Bel EH, Chanez P, Howarth PH, Holgate ST, Brusselle G, Siafakas NM, Gjomarkaj M, Dahlén SE; BIOAIR investigators. Stability of phenotypes defined by physiological variables and biomarkers in adults with asthma. *Allergy*. 2014 Sep;69(9):1198-204. doi: 10.1111/all.12445. Epub 2014 Jul 8. PubMed PMID: 25039610.

26: Bousquet J, Jorgensen C, Dauzat M, Cesario A, Camuzat T, Bourret R, Best N, Anto JM, Abecassis F, Aubas P, Avignon A, Badin M, Bedbrook A, Blain H, Bourdin A, Bringer J, Camu W, Cayla G, Costa DJ, Courtet P, Cristol JP, Demoly P, de la Coussaye JE, Fesler P, Gouzi F, Gris JC, Guillot B, Hayot M, Jeandel C, Jonquet O, Journot L, Lehmann S, Mathieu G, Morel J, Ninot G, Pelissier J, Picot MC, Radier-Pontal F, Robine JM, Rodier M, Roubille F, Sultan A, Wojtuszczyzn A, Auffray C, Balling R, Barbara C, Cambon-Thomsen A, Chavannes NH, Chuchalin A, Crooks G, Dedeu A, Fabbri LM, Garcia-Aymerich J, Hajjam J, Melo Gomes E, Palkonen S, Piette F, Pison C, Price D, Samolinski B, Schunemann HJ, Sterk PJ, Yiallourous P, Roca J, Van de Perre P, Mercier J. Systems medicine approaches for the definition of complex phenotypes in chronic diseases and ageing. From concept to implementation and policies. *Curr Pharm Des*. 2014;20(38):5928-44. Review. PubMed PMID: 24641234.

- 27: Rabe KF, Fabbri LM, Israel E, Kögler H, Riemann K, Schmidt H, Glaab T, Vogelmeier CF. Effect of ADRB2 polymorphisms on the efficacy of salmeterol and tiotropium in preventing COPD exacerbations: a prespecified substudy of the POET-COPD trial. *Lancet Respir Med*. 2014 Jan;2(1):44-53. doi: 10.1016/S2213-2600(13)70248-0. Epub 2013 Dec 5. PubMed PMID: 24461901.
- 28: Kupczyk M, ten Brinke A, Sterk PJ, Bel EH, Papi A, Chanez P, Nizankowska-Mogilnicka E, Gjomarkaj M, Gaga M, Brusselle G, Dahlén B, Dahlén SE; BIOAIR investigators. Frequent exacerbators--a distinct phenotype of severe asthma. *Clin Exp Allergy*. 2014 Feb;44(2):212-21. doi: 10.1111/cea.12179. PubMed PMID: 24447083.
- 29: Papi A, Corradi M, Pigeon-Francisco C, Baronio R, Siergiejko Z, Petruzzelli S, Fabbri LM, Rabe KF. Beclometasone-formoterol as maintenance and reliever treatment in patients with asthma: a double-blind, randomised controlled trial. *Lancet Respir Med*. 2013 Mar;1(1):23-31. doi: 10.1016/S2213-2600(13)70012-2. Epub 2013 Mar 4. PubMed PMID: 24321801.
- 30: Beghé B, Verduri A, Bottazzi B, Stendardo M, Fucili A, Balduzzi S, Leuzzi C, Papi A, Mantovani A, Fabbri LM, Ceconi C, Boschetto P. Echocardiography, spirometry, and systemic acute-phase inflammatory proteins in smokers with COPD or CHF: an observational study. *PLoS One*. 2013 Nov 11;8(11):e80166. doi: 10.1371/journal.pone.0080166. eCollection 2013. PubMed PMID: 24244639; PubMed Central PMCID: PMC3823838.
- 31: Beeh KM, Glaab T, Stowasser S, Schmidt H, Fabbri LM, Rabe KF, Vogelmeier CF. Characterisation of exacerbation risk and exacerbator phenotypes in the POET-COPD trial. *Respir Res*. 2013 Oct 29;14:116. doi: 10.1186/1465-9921-14-116. PubMed PMID: 24168767; PubMed Central PMCID: PMC3833311.
- 32: Roversi S, Roversi P, Spadafora G, Rossi R, Fabbri LM. Coronary artery disease concomitant with chronic obstructive pulmonary disease. *Eur J Clin Invest*. 2014 Jan;44(1):93-102. doi: 10.1111/eci.12181. Epub 2013 Oct 26. Review. PubMed PMID: 24164255.
- 33: Rodriguez-Roisin R, Llufríu S, Fabbri LM. Changes in your breathing can change your brain. *Am J Respir Crit Care Med*. 2013 Oct 1;188(7):763-4. doi: 10.1164/rccm.201308-1445ED. PubMed PMID: 24083855.
- 34: Nozzoli C, Beghè B, Boschetto P, Fabbri LM. Identifying and treating COPD in cardiac patients. *Chest*. 2013 Sep;144(3):723-6. doi: 10.1378/chest.13-0915. PubMed PMID: 24008944.
- 35: Cheng DT, Kim DK, Cockayne DA, Belousov A, Bitter H, Cho MH, Duvoix A,

Edwards LD, Lomas DA, Miller BE, Reynaert N, Tal-Singer R, Wouters EF, Agustí A, Fabbri LM, Rames A, Visvanathan S, Rennard SI, Jones P, Parmar H, MacNee W, Wolff G, Silverman EK, Mayer RJ, Pillai SG; TESRA and ECLIPSE Investigators. Systemic soluble receptor for advanced glycation endproducts is a biomarker of emphysema and associated with AGER genetic variants in patients with chronic obstructive pulmonary disease. *Am J Respir Crit Care Med*. 2013 Oct 15;188(8):948-57. doi: 10.1164/rccm.201302-0247OC. PubMed PMID: 23947473.

36: Vanfleteren LE, Kocks JW, Stone IS, Breyer-Kohansal R, Greulich T, Lacedonia D, Buhl R, Fabbri LM, Pavord ID, Barnes N, Wouters EF, Agusti A. Moving from the Oslerian paradigm to the post-genomic era: are asthma and COPD outdated terms? *Thorax*. 2014 Jan;69(1):72-9. doi: 10.1136/thoraxjnl-2013-203602. Epub 2013 Jun 22. Review. PubMed PMID: 23794191.

37: Beghè B, Rabe KF, Fabbri LM. Phosphodiesterase-4 inhibitor therapy for lung diseases. *Am J Respir Crit Care Med*. 2013 Aug 1;188(3):271-8. doi: 10.1164/rccm.201301-0021PP. Review. PubMed PMID: 23656508.

38: Agusti A, Hurd S, Jones P, Fabbri LM, Martinez F, Vogelmeier C, Vestbo J, Rodriguez-Roisin R. FAQs about the GOLD 2011 assessment proposal of COPD: a comparative analysis of four different cohorts. *Eur Respir J*. 2013 Nov;42(5):1391-401. doi: 10.1183/09031936.00036513. Epub 2013 May 3. Review. PubMed PMID: 23645406.

39: Boschetto P, Campo I, Stendardo M, Casimirri E, Tinelli C, Gorrini M, Ceconi C, Fucili A, Potena A, Papi A, Ballerin L, Fabbri LM, Luisetti M. Plasma sRAGE and N-(carboxymethyl) lysine in patients with CHF and/or COPD. *Eur J Clin Invest*. 2013 Jun;43(6):562-9. doi: 10.1111/eci.12079. Epub 2013 Apr 17. PubMed PMID: 23590548.

40: Sabatini F, Luppi F, Petecchia L, Stefano AD, Longo AM, Eva A, Vanni C, Hiemstra PS, Sterk PJ, Sorbello V, Fabbri LM, Rossi GA, Ricciardolo FL. Bradykinin-induced asthmatic fibroblast/myofibroblast activities via bradykinin B2 receptor and different MAPK pathways. *Eur J Pharmacol*. 2013 Jun 15;710(1-3):100-9. doi: 10.1016/j.ejphar.2013.03.048. Epub 2013 Apr 12. PubMed PMID: 23588115.

41: Kupczyk M, Haque S, Sterk PJ, Niżankowska-Mogilnicka E, Papi A, Bel EH, Chanez P, Dahlén B, Gaga M, Gjomarkaj M, Howarth PH, Johnston SL, Joos GF, Kanniss F, Tzortzaki E, James A, Middelvelde RJ, Dahlén SE; BIOAIR investigators. Detection of exacerbations in asthma based on electronic diary data: results from the 1-year prospective BIOAIR study. *Thorax*. 2013 Jul;68(7):611-8. doi: 10.1136/thoraxjnl-2012-201815. Epub 2013 Apr 6. PubMed PMID: 23564399.

42: Beghè B, Verduri A, Roca M, Fabbri LM. Exacerbation of respiratory symptoms in COPD patients may not be exacerbations of COPD. *Eur Respir J*. 2013

Apr;41(4):993-5. doi: 10.1183/09031936.00180812. PubMed PMID: 23543648.

43: Clini EM, Beghé B, Fabbri LM. Chronic obstructive pulmonary disease is just one component of the complex multimorbidities in patients with COPD. *Am J Respir Crit Care Med*. 2013 Apr 1;187(7):668-71. PubMed PMID: 23540872.

44: Roca M, Verduri A, Corbetta L, Clini E, Fabbri LM, Beghé B. Mechanisms of acute exacerbation of respiratory symptoms in chronic obstructive pulmonary disease. *Eur J Clin Invest*. 2013 May;43(5):510-21. doi: 10.1111/eci.12064. Epub 2013 Mar 12. Review. PubMed PMID: 23489139.

45: Fabbri LM, Beghé B, Agustí A. Reply: look at the moon, not just at the finger indicating the moon. *Am J Respir Crit Care Med*. 2013 Feb 1;187(3):329-30. PubMed PMID: 23378441.

46: Reinius LE, Gref A, Sääf A, Acevedo N, Joerink M, Kupczyk M, D'Amato M, Bergström A, Melén E, Scheynius A, Dahlén SE; BIOAIR Study Group, Pershagen G, Söderhäll C, Kere J. DNA methylation in the Neuropeptide S Receptor 1 (NPSR1) promoter in relation to asthma and environmental factors. *PLoS One*. 2013;8(1):e53877. doi: 10.1371/journal.pone.0053877. Epub 2013 Jan 23. PubMed PMID: 23372674; PubMed Central PMCID: PMC3553086.

47: Verduri A, Ballerin L, Simoni M, Cellini M, Vagnoni E, Roversi P, Papi A, Clini E, Fabbri LM, Potena A. Poor adherence to guidelines for long-term oxygen therapy (LTOT) in two Italian university hospitals. *Intern Emerg Med*. 2014 Apr;9(3):319-24. doi: 10.1007/s11739-012-0898-2. Epub 2013 Jan 18. PubMed PMID: 23329404.

48: Panico F, Casali C, Rossi G, Rizzi F, Morandi U, Bettuzzi S, Davalli P, Corbetta L, Storelli ES, Corti A, Fabbri LM, Astancolle S, Luppi F. Prognostic role of clusterin in resected adenocarcinomas of the lung. *Lung Cancer*. 2013 Mar;79(3):294-9. doi: 10.1016/j.lungcan.2012.11.024. Epub 2012 Dec 28. PubMed PMID: 23276503.

49: Zervas E, Samitas K, Gaga M, Beghe B, Fabbri LM. Inhaled corticosteroids in COPD: pros and cons. *Curr Drug Targets*. 2013 Feb;14(2):192-224. Review. PubMed PMID: 23256718.

50: Fabbri LM, Boyd C, Boschetto P, Rabe KF, Buist AS, Yawn B, Leff B, Kent DM, Schünemann HJ; ATS/ERS Ad Hoc Committee on Integrating and Coordinating Efforts in COPD Guideline Development. How to integrate multiple comorbidities in guideline development: article 10 in Integrating and coordinating efforts in COPD guideline development. An official ATS/ERS workshop report. *Proc Am Thorac Soc*. 2012 Dec;9(5):274-81. doi: 10.1513/pats.201208-063ST. Review. PubMed PMID: 23256171.

51: Rabe KF, Fabbri LM, Vogelmeier C, Kögler H, Schmidt H, Beeh KM, Glaab T. Seasonal distribution of COPD exacerbations in the Prevention of Exacerbations with Tiotropium in COPD trial. *Chest*. 2013 Mar;143(3):711-9. PubMed PMID: 23188489.

52: Spagnolo P, Fabbri LM, Bush A. Long-term macrolide treatment for chronic respiratory disease. *Eur Respir J*. 2013 Jul;42(1):239-51. doi: 10.1183/09031936.00136712. Epub 2012 Nov 22. Review. PubMed PMID: 23180583.

53: Vogelmeier C, Fabbri LM, Rabe KF, Beeh KM, Schmidt H, Metzdorf N, Glaab T. Effect of tiotropium vs. salmeterol on exacerbations: GOLD II and maintenance therapy naïve patients. *Respir Med*. 2013 Jan;107(1):75-83. doi: 10.1016/j.rmed.2012.09.015. Epub 2012 Oct 26. PubMed PMID: 23102611.

54: Boschetto P, Fucili A, Stendardo M, Malagù M, Parrinello G, Casimirri E, Potena A, Ballerin L, Fabbri LM, Ferrari R, Ceconi C. Occurrence and impact of chronic obstructive pulmonary disease in elderly patients with stable heart failure. *Respirology*. 2013 Jan;18(1):125-30. doi: 10.1111/j.1440-1843.2012.02264.x. PubMed PMID: 22985248.

55: Vestbo J, Hurd SS, Agustí AG, Jones PW, Vogelmeier C, Anzueto A, Barnes PJ, Fabbri LM, Martinez FJ, Nishimura M, Stockley RA, Sin DD, Rodriguez-Roisin R. Global strategy for the diagnosis, management, and prevention of chronic obstructive pulmonary disease: GOLD executive summary. *Am J Respir Crit Care Med*. 2013 Feb 15;187(4):347-65. doi: 10.1164/rccm.201204-0596PP. Epub 2012 Aug 9. Review. PubMed PMID: 22878278.

56: Contoli M, Kraft M, Hamid Q, Bousquet J, Rabe KF, Fabbri LM, Papi A. Do small airway abnormalities characterize asthma phenotypes? In search of proof. *Clin Exp Allergy*. 2012 Aug;42(8):1150-60. doi: 10.1111/j.1365-2222.2012.03963.x. Review. PubMed PMID: 22805462.

57: Fabbri LM, Beghé B, Agustí A. COPD and the solar system: introducing the chronic obstructive pulmonary disease comorbidity. *Am J Respir Crit Care Med*. 2012 Jul 15;186(2):117-9. doi: 10.1164/rccm.201205-0906ED. PubMed PMID: 22798411.

58: Calverley PM, Martinez FJ, Fabbri LM, Goehring UM, Rabe KF. Does roflumilast decrease exacerbations in severe COPD patients not controlled by inhaled combination therapy? The REACT study protocol. *Int J Chron Obstruct Pulmon Dis*. 2012;7:375-82. doi: 10.2147/COPD.S31100. Epub 2012 Jun 20. PubMed PMID: 22791991; PubMed Central PMCID: PMC3393336.

59: Wouters EF, Bredenbröker D, Teichmann P, Brose M, Rabe KF, Fabbri LM, Göke B.

Effect of the phosphodiesterase 4 inhibitor roflumilast on glucose metabolism in patients with treatment-naive, newly diagnosed type 2 diabetes mellitus. *J Clin Endocrinol Metab.* 2012 Sep;97(9):E1720-5. doi: 10.1210/jc.2011-2886. Epub 2012 Jun 20. PubMed PMID: 22723325.

60: Fabbri LM. Spirometric inclusion criteria of COPD patients in randomized clinical trials. *Respir Med.* 2012 Jun;106(6):912-3; author reply 914. doi: 10.1016/j.rmed.2011.11.019. Epub 2012 Feb 16. PubMed PMID: 22341766.

61: Spagnolo P, Luppi F, Roversi P, Cerri S, Fabbri LM, Richeldi L. Sarcoidosis: challenging diagnostic aspects of an old disease. *Am J Med.* 2012 Feb;125(2):118-25. doi: 10.1016/j.amjmed.2011.06.003. Review. PubMed PMID: 22269612.

62: Boschetto P, Beghé B, Fabbri LM, Ceconi C. Link between chronic obstructive pulmonary disease and coronary artery disease: implication for clinical practice. *Respirology.* 2012 Apr;17(3):422-31. doi: 10.1111/j.1440-1843.2011.02118.x. Review. PubMed PMID: 22142519.

63: Luppi F, Covi M, Velluti G, Spagnolo P, Fabbri LM, Richeldi L. Co-trimoxazole effect on human alveolar macrophages of AIDS patients. *J Biol Regul Homeost Agents.* 2011 Jul-Sep;25(3):461-4. PubMed PMID: 22023771.

64: Fabbri LM, Vogelmeier C, Rabe KF. Inhaled long-acting β -agonists versus anticholinergics in older patients with chronic obstructive pulmonary disease. *Ann Intern Med.* 2011 Oct 18;155(8):561; author reply 561-2. doi: 10.7326/0003-4819-155-8-201110180-00018. PubMed PMID: 22007051.

65: Crisafulli E, Beneventi C, Bortolotti V, Kidonias N, Fabbri LM, Chetta A, Clini EM. Energy expenditure at rest and during walking in patients with chronic respiratory failure: a prospective two-phase case-control study. *PLoS One.* 2011;6(8):e23770. doi: 10.1371/journal.pone.0023770. Epub 2011 Aug 31. PubMed PMID: 21909356; PubMed Central PMCID: PMC3166086.

66: Papi A, Nicolini G, Boner AL, Baraldi E, Cutrera R, Fabbri LM, Rossi GA. Short term efficacy of nebulized beclomethasone in mild-to-moderate wheezing episodes in pre-school children. *Ital J Pediatr.* 2011 Aug 22;37:39. doi: 10.1186/1824-7288-37-39. PubMed PMID: 21859484; PubMed Central PMCID: PMC3170583.

67: Bateman ED, Kornmann O, Schmidt P, Pivovarova A, Engel M, Fabbri LM. Tiotropium is noninferior to salmeterol in maintaining improved lung function in B16-Arg/Arg patients with asthma. *J Allergy Clin Immunol.* 2011 Aug;128(2):315-22. doi: 10.1016/j.jaci.2011.06.004. PubMed PMID: 21807250.

68: Bateman ED, Rabe KF, Calverley PM, Goehring UM, Brose M, Bredenbröker D, Fabbri LM. Roflumilast with long-acting β 2-agonists for COPD: influence of exacerbation history. *Eur Respir J*. 2011 Sep;38(3):553-60. doi: 10.1183/09031936.00178710. Epub 2011 Jul 7. PubMed PMID: 21737553.

69: Brusasco V, Canonica GW, Dal Negro R, Scano G, Paggiaro P, Fabbri LM, Barisione G, D'Amato G, Varoli G, Baroffio M, Milanese M, Mereu C, Crimi E. Formoterol by pressurized metered-dose aerosol or dry powder on airway obstruction and lung hyperinflation in partially reversible COPD. *J Aerosol Med Pulm Drug Deliv*. 2011 Oct;24(5):235-43. doi: 10.1089/jamp.2010.0862. Epub 2011 Jun 20. PubMed PMID: 21689019.

70: Fabbri LM, Beghé B, Agusti A. Cardiovascular mechanisms of death in severe COPD exacerbation: time to think and act beyond guidelines. *Thorax*. 2011 Sep;66(9):745-7. doi: 10.1136/thoraxjnl-2011-200406. Epub 2011 Jun 8. PubMed PMID: 21653929.

71: Liccardi G, Infantino A, Paggiaro P, Fabbri LM, Salzillo A, Infantino R, D'Amato G. GPs' role in reducing the risk of bronchospasm in asthma patients undergoing general anesthesia and/or intravascular administration of radiographic contrast media. *Prim Care Respir J*. 2011 Sep;20(3):333-5. doi: 10.4104/pcrj.2011.00044. PubMed PMID: 21614422.

72: Hawkins NM, Petrie MC, Macdonald MR, Jhund PS, Fabbri LM, Wikstrand J, McMurray JJ. Heart failure and chronic obstructive pulmonary disease the quandary of Beta-blockers and Beta-agonists. *J Am Coll Cardiol*. 2011 May 24;57(21):2127-38. doi: 10.1016/j.jacc.2011.02.020. Review. PubMed PMID: 21596228.

73: Fabbri LM. FEV(1)/FVC fixed ratio again! *Chest*. 2011 May;139(5):1252-3; author reply 1254-5. doi: 10.1378/chest.10-3148. PubMed PMID: 21540227.

74: Vogelmeier C, Hederer B, Glaab T, Schmidt H, Rutten-van Mölken MP, Beeh KM, Rabe KF, Fabbri LM; POET-COPD Investigators. Tiotropium versus salmeterol for the prevention of exacerbations of COPD. *N Engl J Med*. 2011 Mar 24;364(12):1093-1103. doi: 10.1056/NEJMoa1008378. PubMed PMID: 21428765.

75: Clini EM, Crisafulli E, Antoni FD, Beneventi C, Trianni L, Costi S, Fabbri LM, Nava S. Functional recovery following physical training in tracheotomized and chronically ventilated patients. *Respir Care*. 2011 Mar;56(3):306-13. doi: 10.4187/respcare.00956. Epub 2010 Nov 16. PubMed PMID: 21235844.

76: Van de Maele B, Fabbri LM, Martin C, Horton R, Dolker M, Overend T. Cardiovascular safety of QVA149, a combination of Indacaterol and NVA237, in COPD patients. *COPD*. 2010 Dec;7(6):418-27. doi: 10.3109/15412555.2010.528812. PubMed

PMID: 21166630.

77: Tashkin DP, Fabbri LM. Long-acting beta-agonists in the management of chronic obstructive pulmonary disease: current and future agents. *Respir Res.* 2010 Oct 29;11:149. doi: 10.1186/1465-9921-11-149. Review. PubMed PMID: 21034447; PubMed Central PMCID: PMC2991288.

78: Bousquet J, Mantzouranis E, Cruz AA, Ait-Khaled N, Baena-Cagnani CE, Bleecker ER, Brightling CE, Burney P, Bush A, Busse WW, Casale TB, Chan-Yeung M, Chen R, Chowdhury B, Chung KF, Dahl R, Drazen JM, Fabbri LM, Holgate ST, Kauffmann F, Haahtela T, Khaltayev N, Kiley JP, Masjedi MR, Mohammad Y, O'Byrne P, Partridge MR, Rabe KF, Togias A, van Weel C, Wenzel S, Zhong N, Zuberbier T. Uniform definition of asthma severity, control, and exacerbations: document presented for the World Health Organization Consultation on Severe Asthma. *J Allergy Clin Immunol.* 2010 Nov;126(5):926-38. doi: 10.1016/j.jaci.2010.07.019. PubMed PMID: 20926125.

79: Fabbri LM, Beghé B, Yasothan U, Kirkpatrick P. Roflumilast. *Nat Rev Drug Discov.* 2010 Oct;9(10):761-2. doi: 10.1038/nrd3276. PubMed PMID: 20885403.

80: Han MK, Agusti A, Calverley PM, Celli BR, Criner G, Curtis JL, Fabbri LM, Goldin JG, Jones PW, Macnee W, Make BJ, Rabe KF, Rennard SI, Sciruba FC, Silverman EK, Vestbo J, Washko GR, Wouters EF, Martinez FJ. Chronic obstructive pulmonary disease phenotypes: the future of COPD. *Am J Respir Crit Care Med.* 2010 Sep 1;182(5):598-604. doi: 10.1164/rccm.200912-1843CC. Epub 2010 Jun 3. PubMed PMID: 20522794.

81: Crisafulli E, Gorgone P, Vagaggini B, Pagani M, Rossi G, Costa F, Guarriello V, Paggiaro P, Chetta A, de Blasio F, Olivieri D, Fabbri LM, Clini EM. Efficacy of standard rehabilitation in COPD outpatients with comorbidities. *Eur Respir J.* 2010 Nov;36(5):1042-8. doi: 10.1183/09031936.00203809. Epub 2010 Apr 22. PubMed PMID: 20413540.

82: Petecchia L, Sabatini F, Usai C, Carnevali S, Ognibene M, Vanni C, Eva A, Fabbri LM, Rossi GA, Ricciardolo FL. Mechanisms of bradykinin-induced contraction in human fetal lung fibroblasts. *Eur Respir J.* 2010 Sep;36(3):655-64. doi: 10.1183/09031936.00112209. Epub 2010 Mar 29. PubMed PMID: 20351037.

83: Martinez FD, Fabbri LM. Genetics, ethics, and the use of long-acting beta-adrenergics to treat asthma. *Am J Respir Crit Care Med.* 2010 Apr 1;181(7):647-8. doi: 10.1164/rccm.200912-1890ED. PubMed PMID: 20335379.

84: Contoli M, Baraldo S, Marku B, Casolari P, Marwick JA, Turato G, Romagnoli M, Caramori G, Saetta M, Fabbri LM, Papi A. Fixed airflow obstruction due to asthma or chronic obstructive pulmonary disease: 5-year follow-up. *J Allergy Clin*

Immunol. 2010 Apr;125(4):830-7. doi: 10.1016/j.jaci.2010.01.003. Epub 2010 Mar 15. PubMed PMID: 20227753.

85: Bousquet J, Kiley J, Bateman ED, Viegi G, Cruz AA, Khaltsev N, Ait Khaled N, Baena-Cagnani CE, Barreto ML, Billo N, Canonica GW, Carlsen KH, Chavannes N, Chuchalin A, Drazen J, Fabbri LM, Gerbase MW, Humbert M, Joos G, Masjedi MR, Makino S, Rabe K, To T, Zhi L. Prioritised research agenda for prevention and control of chronic respiratory diseases. *Eur Respir J*. 2010 Nov;36(5):995-1001. doi: 10.1183/09031936.00012610. Epub 2010 Mar 11. PubMed PMID: 20223919.

86: Camargo CA Jr, Gurner DM, Smithline HA, Chapela R, Fabbri LM, Green SA, Malice MP, Legrand C, Dass SB, Knorr BA, Reiss TF. A randomized placebo-controlled study of intravenous montelukast for the treatment of acute asthma. *J Allergy Clin Immunol*. 2010 Feb;125(2):374-80. doi: 10.1016/j.jaci.2009.11.015. PubMed PMID: 20159247.

87: Miotto D, Lo Cascio N, Stendardo M, Querzoli P, Pedriali M, De Rosa E, Fabbri LM, Mapp CE, Boschetto P. CD8+ T cells expressing IL-10 are associated with a favourable prognosis in lung cancer. *Lung Cancer*. 2010 Sep;69(3):355-60. doi: 10.1016/j.lungcan.2009.12.012. Epub 2010 Jan 20. PubMed PMID: 20089329.

88: Luppi F, Losi M, D'Amico R, Fabbri LM, Richeldi L. Endogenous blood maximal interferon-gamma production may predict response to interferon-gamma 1beta treatment in patients with idiopathic pulmonary fibrosis. *Sarcoidosis Vasc Diffuse Lung Dis*. 2009 Jul;26(1):64-8. PubMed PMID: 19960790.

89: Contoli M, Bousquet J, Fabbri LM, Magnussen H, Rabe KF, Siafakas NM, Hamid Q, Kraft M. The small airways and distal lung compartment in asthma and COPD: a time for reappraisal. *Allergy*. 2010 Feb;65(2):141-51. doi: 10.1111/j.1398-9995.2009.02242.x. Epub 2009 Nov 11. Review. PubMed PMID: 19909298.

90: Panico F, Rizzi F, Fabbri LM, Bettuzzi S, Luppi F. Clusterin (CLU) and lung cancer. *Adv Cancer Res*. 2009;105:63-76. doi: 10.1016/S0065-230X(09)05004-0. Review. PubMed PMID: 19879423.

91: Ferrara G, Losi M, Fabbri LM, Migliori GB, Richeldi L, Casali L. Exploring the immune response against *Mycobacterium tuberculosis* for a better diagnosis of the infection. *Arch Immunol Ther Exp (Warsz)*. 2009 Nov-Dec;57(6):425-33. doi: 10.1007/s00005-009-0050-9. Epub 2009 Oct 29. Review. PubMed PMID: 19866341.

92: Ferrara G, Losi M, D'Amico R, Cagarelli R, Pezzi AM, Meacci M, Meccugni B, Marchetti Dori I, Rumpianesi F, Roversi P, Casali L, Fabbri LM, Richeldi L. Interferon-gamma-release assays detect recent tuberculosis re-infection in elderly contacts. *Int J Immunopathol Pharmacol*. 2009 Jul-Sep;22(3):669-77. PubMed

PMID: 19822083.

93: Beghé B, Hall IP, Parker SG, Moffatt MF, Wardlaw A, Connolly MJ, Fabbri LM, Ruse C, Sayers I. Polymorphisms in IL13 pathway genes in asthma and chronic obstructive pulmonary disease. *Allergy*. 2010 Apr;65(4):474-81. doi: 10.1111/j.1398-9995.2009.02167.x. Epub 2009 Oct 1. PubMed PMID: 19796199.

94: Papi A, Nicolini G, Baraldi E, Boner AL, Cutrera R, Rossi GA, Fabbri LM; BEclomethasone and Salbutamol Treatment (BEST) for Children Study Group. Regular vs prn nebulized treatment in wheeze preschool children. *Allergy*. 2009 Oct;64(10):1463-71. doi: 10.1111/j.1398-9995.2009.02134.x. PubMed PMID: 19772514.

95: Caramori G, Casolari P, Di Gregorio C, Saetta M, Baraldo S, Boschetto P, Ito K, Fabbri LM, Barnes PJ, Adcock IM, Cavallese G, Chung KF, Papi A. MUC5AC expression is increased in bronchial submucosal glands of stable COPD patients. *Histopathology*. 2009 Sep;55(3):321-31. doi: 10.1111/j.1365-2559.2009.03377.x. PubMed PMID: 19723147.

96: Fabbri LM, Calverley PM, Izquierdo-Alonso JL, Bundschuh DS, Brose M, Martinez FJ, Rabe KF; M2-127 and M2-128 study groups. Roflumilast in moderate-to-severe chronic obstructive pulmonary disease treated with longacting bronchodilators: two randomised clinical trials. *Lancet*. 2009 Aug 29;374(9691):695-703. doi: 10.1016/S0140-6736(09)61252-6. PubMed PMID: 19716961.

97: Calverley PM, Rabe KF, Goehring UM, Kristiansen S, Fabbri LM, Martinez FJ; M2-124 and M2-125 study groups. Roflumilast in symptomatic chronic obstructive pulmonary disease: two randomised clinical trials. *Lancet*. 2009 Aug 29;374(9691):685-94. doi: 10.1016/S0140-6736(09)61255-1. Erratum in: *Lancet*. 2010 Oct 2;376(9747):1146. PubMed PMID: 19716960.

98: Costi S, Crisafulli E, Antoni FD, Beneventi C, Fabbri LM, Clini EM. Effects of unsupported upper extremity exercise training in patients with COPD: a randomized clinical trial. *Chest*. 2009 Aug;136(2):387-95. doi: 10.1378/chest.09-0165. Epub 2009 Jun 30. PubMed PMID: 19567487.

99: Clini EM, Crisafulli E, Costi S, Rossi G, Lorenzi C, Fabbri LM, Ambrosino N. Effects of early inpatient rehabilitation after acute exacerbation of COPD. *Respir Med*. 2009 Oct;103(10):1526-31. doi: 10.1016/j.rmed.2009.04.011. Epub 2009 May 15. PubMed PMID: 19447015.

100: Richeldi L, Losi M, D'Amico R, Luppi M, Ferrari A, Mussini C, Codeluppi M, Cocchi S, Prati F, Paci V, Meacci M, Meccugni B, Rumpianesi F, Roversi P, Cerri S, Luppi F, Ferrara G, Latorre I, Gerunda GE, Torelli G, Esposito R, Fabbri LM. Performance of tests for latent tuberculosis in different groups of immunocompromised patients. *Chest*. 2009 Jul;136(1):198-204. doi:

10.1378/chest.08-2575. Epub 2009 Mar 24. PubMed PMID: 19318676.

101: Costi S, Di Bari M, Pillastrini P, D'Amico R, Crisafulli E, Arletti C, Fabbri LM, Clini EM. Short-term efficacy of upper-extremity exercise training in patients with chronic airway obstruction: a systematic review. *Phys Ther.* 2009 May;89(5):443-55. doi: 10.2522/ptj.20070368. Epub 2009 Mar 12. Review. PubMed PMID: 19282362.

102: Maestrelli P, Boschetto P, Fabbri LM, Mapp CE. Mechanisms of occupational asthma. *J Allergy Clin Immunol.* 2009 Mar;123(3):531-42; quiz 543-4. doi: 10.1016/j.jaci.2009.01.057. Review. PubMed PMID: 19281901.

103: Bergamini BM, Losi M, Vaienti F, D'Amico R, Meccugni B, Meacci M, De Giovanni D, Rumpianesi F, Fabbri LM, Balli F, Richeldi L. Performance of commercial blood tests for the diagnosis of latent tuberculosis infection in children and adolescents. *Pediatrics.* 2009 Mar;123(3):e419-24. doi: 10.1542/peds.2008-1722. PubMed PMID: 19254978.

104: Nicolini G, Scichilone N, Bizzi A, Papi A, Fabbri LM. Beclomethasone/formoterol fixed combination for the management of asthma: patient considerations. *Ther Clin Risk Manag.* 2008 Oct;4(5):855-64. PubMed PMID: 19209268; PubMed Central PMCID: PMC2621423.

105: Luppi F, Franco F, Beghé B, Fabbri LM. Treatment of chronic obstructive pulmonary disease and its comorbidities. *Proc Am Thorac Soc.* 2008 Dec 1;5(8):848-56. doi: 10.1513/pats.200809-101TH. Review. PubMed PMID: 19017740.

106: O'Byrne PM, Pedersen S, Lamm CJ, Tan WC, Busse WW; START Investigators Group. Severe exacerbations and decline in lung function in asthma. *Am J Respir Crit Care Med.* 2009 Jan 1;179(1):19-24. doi: 10.1164/rccm.200807-1126OC. Epub 2008 Oct 31. Erratum in: *Am J Respir Crit Care Med.* 2010 Oct 1;182(7):983-4. PubMed PMID: 18990678.

107: Ferrara G, Bleck B, Richeldi L, Reibman J, Fabbri LM, Rom WN, Condos R. Mycobacterium tuberculosis induces CCL18 expression in human macrophages. *Scand J Immunol.* 2008 Dec;68(6):668-74. doi: 10.1111/j.1365-3083.2008.02182.x. Epub 2008 Oct 28. PubMed PMID: 18959625.

108: Tumiatì R, Mazzoni G, Crisafulli E, Serri B, Beneventi C, Lorenzi CM, Grazi G, Prato F, Conconi F, Fabbri LM, Clini EM. Home-centred physical fitness programme in morbidly obese individuals: a randomized controlled trial. *Clin Rehabil.* 2008 Oct-Nov;22(10-11):940-50. doi: 10.1177/0269215508092788. PubMed PMID: 18955426.

- 109: Invernizzi G, Boffi R, Ruprecht A, Lazzaro A, Fabbri LM. Passive smoking and asthma death. *Eur Respir J*. 2008 Oct;32(4):1117. doi: 10.1183/09031936.00082008. PubMed PMID: 18827159.
- 110: Kiri VA, Fabbri LM, Davis KJ, Soriano JB. Inhaled corticosteroids and risk of lung cancer among COPD patients who quit smoking. *Respir Med*. 2009 Jan;103(1):85-90. doi: 10.1016/j.rmed.2008.07.024. Epub 2008 Sep 14. PubMed PMID: 18793832.
- 111: Turato G, Barbato A, Baraldo S, Zanin ME, Bazzan E, Lokar-Oliani K, Calabrese F, Panizzolo C, Snijders D, Maestrelli P, Zuin R, Fabbri LM, Saetta M. Nonatopic children with multitrigger wheezing have airway pathology comparable to atopic asthma. *Am J Respir Crit Care Med*. 2008 Sep 1;178(5):476-82. doi: 10.1164/rccm.200712-1818OC. Epub 2008 May 29. PubMed PMID: 18511700.
- 112: Busse WW, Pedersen S, Pauwels RA, Tan WC, Chen YZ, Lamm CJ, O'Byrne PM; START Investigators Group. The Inhaled Steroid Treatment As Regular Therapy in Early Asthma (START) study 5-year follow-up: effectiveness of early intervention with budesonide in mild persistent asthma. *J Allergy Clin Immunol*. 2008 May;121(5):1167-74. doi: 10.1016/j.jaci.2008.02.029. Epub 2008 Apr 11. PubMed PMID: 18405951.
- 113: Richeldi L, Losi M, Cerri S, Casali L, Fabbri LM, Ferrara G. Using ELISpot technology to improve the diagnosis of tuberculosis infection: from the bench to the T-SPOT.TB assay. *Expert Rev Respir Med*. 2008 Apr;2(2):253-60. doi: 10.1586/17476348.2.2.253. PubMed PMID: 20477253.
- 114: Fabbri LM, Nicolini G, Olivieri D, Papi A. Inhaled beclometasone dipropionate/formoterol extra-fine fixed combination in the treatment of asthma: evidence and future perspectives. *Expert Opin Pharmacother*. 2008 Feb;9(3):479-90. doi: 10.1517/14656566.9.3.479 . Review. PubMed PMID: 18220498.
- 115: Crisafulli E, Costi S, Luppi F, Cirelli G, Cilione C, Coletti O, Fabbri LM, Clini EM. Role of comorbidities in a cohort of patients with COPD undergoing pulmonary rehabilitation. *Thorax*. 2008 Jun;63(6):487-92. doi: 10.1136/thx.2007.086371. Epub 2008 Jan 18. PubMed PMID: 18203818.
- 116: Fabbri LM, Luppi F, Beghé B, Rabe KF. Complex chronic comorbidities of COPD. *Eur Respir J*. 2008 Jan;31(1):204-12. doi: 10.1183/09031936.00114307. PubMed PMID: 18166598.
- 117: Maestrelli P, Ferrazzoni S, Visentin A, Marian E, Dal Borgo D, Accordino R, Fabbri LM. Measurement of exhaled nitric oxide in healthy adults. *Sarcoidosis Vasc Diffuse Lung Dis*. 2007 Mar;24(1):65-9. PubMed PMID: 18069421.

118: LaForce C, Alexander M, Deckelmann R, Fabbri LM, Aisanov Z, Cameron R, Owen R, Higgins M. Indacaterol provides sustained 24 h bronchodilation on once-daily dosing in asthma: a 7-day dose-ranging study. *Allergy*. 2008 Jan;63(1):103-11. PubMed PMID: 18053019.

119: Crisafulli E, Costi S, Fabbri LM, Clini EM. Respiratory muscles training in COPD patients. *Int J Chron Obstruct Pulmon Dis*. 2007;2(1):19-25. Review. PubMed PMID: 18044062; PubMed Central PMCID: PMC2692111.

120: Crisafulli E, Coletti O, Costi S, Zanasi E, Lorenzi C, Lucic S, Fabbri LM, Bertini M, Clini EM. Effectiveness of erdosteine in elderly patients with bronchiectasis and hypersecretion: a 15-day, prospective, parallel, open-label, pilot study. *Clin Ther*. 2007 Sep;29(9):2001-9. PubMed PMID: 18035199.

121: Renda T, Baraldo S, Pelaia G, Bazzan E, Turato G, Papi A, Maestrelli P, Maselli R, Vatrella A, Fabbri LM, Zuin R, Marsico SA, Sietta M. Increased activation of p38 MAPK in COPD. *Eur Respir J*. 2008 Jan;31(1):62-9. Epub 2007 Oct 24. PubMed PMID: 17959643.

122: Boschetto P, Zeni E, Mazzetti L, Miotto D, Lo Cascio N, Maestrelli P, Marian E, Querzoli P, Pedriali M, Murer B, De Rosa E, Fabbri LM, Mapp CE. Decreased heme-oxygenase (HO)-1 in the macrophages of non-small cell lung cancer. *Lung Cancer*. 2008 Feb;59(2):192-7. Epub 2007 Sep 27. PubMed PMID: 17900753.

123: Papi A, Paggiaro P, Nicolini G, Vignola AM, Fabbri LM; ICAT SE study group. Beclomethasone/formoterol vs fluticasone/salmeterol inhaled combination in moderate to severe asthma. *Allergy*. 2007 Oct;62(10):1182-8. PubMed PMID: 17845589.

124: Fabbri LM, Boschetto P, Mapp CE; Global Initiative for Chronic Obstructive Lung Disease; Global Initiative for Asthma Management and Prevention. COPD guidelines: the important thing is not to stop questioning. *Am J Respir Crit Care Med*. 2007 Sep 15;176(6):527-8. PubMed PMID: 17823358.

125: Fabbri LM, Rabe KF. From COPD to chronic systemic inflammatory syndrome? *Lancet*. 2007 Sep 1;370(9589):797-9. PubMed PMID: 17765529.

126: Losi M, Bossink A, Codecasa L, Jafari C, Ernst M, Thijsen S, Cirillo D, Ferrarese M, Greinert U, Fabbri LM, Richeldi L, Lange C; European Tuberculosis Network TBNET. Use of a T-cell interferon-gamma release assay for the diagnosis of tuberculous pleurisy. *Eur Respir J*. 2007 Dec;30(6):1173-9. Epub 2007 Aug 22. PubMed PMID: 17715165.

127: Baraldo S, Bazzan E, Zanin ME, Turato G, Garbisa S, Maestrelli P, Papi A, Miniati M, Fabbri LM, Zuin R, Saetta M. Matrix metalloproteinase-2 protein in lung periphery is related to COPD progression. *Chest*. 2007 Dec;132(6):1733-40. Epub 2007 Jul 23. PubMed PMID: 17646237.

128: Rabe KF, Beghé B, Luppi F, Fabbri LM. Update in chronic obstructive pulmonary disease 2006. *Am J Respir Crit Care Med*. 2007 Jun 15;175(12):1222-32. Review. PubMed PMID: 17545457.

129: Zeni E, Mazzetti L, Miotto D, Lo Cascio N, Maestrelli P, Querzoli P, Pedriali M, De Rosa E, Fabbri LM, Mapp CE, Boschetto P. Macrophage expression of interleukin-10 is a prognostic factor in nonsmall cell lung cancer. *Eur Respir J*. 2007 Oct;30(4):627-32. Epub 2007 May 30. PubMed PMID: 17537769.

130: Miotto D, Boschetto P, Cavallesco G, Zeni E, Querzoli P, Pedriali M, Chiarelli S, Fabbri LM, Mapp CE. Increased neurokinin-2 receptor expression in alveolar macrophages of smokers with COPD. *Histopathology*. 2007 Jul;51(1):128-31. Epub 2007 May 26. PubMed PMID: 17532769.

131: La Vecchia C, Fabbri LM. Prevention of death in COPD. *N Engl J Med*. 2007 May 24;356(21):2211-2; author reply 2213-4. PubMed PMID: 17526088.

132: Papi A, Canonica GW, Maestrelli P, Paggiaro P, Olivieri D, Pozzi E, Crimi N, Vignola AM, Morelli P, Nicolini G, Fabbri LM; BEST Study Group. Rescue use of beclomethasone and albuterol in a single inhaler for mild asthma. *N Engl J Med*. 2007 May 17;356(20):2040-52. PubMed PMID: 17507703.

133: Calverley PM, Sanchez-Toril F, McIvor A, Teichmann P, Bredenbroeker D, Fabbri LM. Effect of 1-year treatment with roflumilast in severe chronic obstructive pulmonary disease. *Am J Respir Crit Care Med*. 2007 Jul 15;176(2):154-61. Epub 2007 Apr 26. PubMed PMID: 17463412.

134: Miotto D, Boschetto P, Bononi I, Milani G, Legorini C, Cavallesco G, Lo Cascio N, Zeni E, Fabbri LM, Mapp CE. CC ligand 2 levels are increased in LPS-stimulated peripheral monocytes of patients with non-small cell lung cancer. *Respir Med*. 2007 Aug;101(8):1738-43. Epub 2007 Apr 12. PubMed PMID: 17433654.

135: Romagnoli M, Caramori G, Braccioni F, Ravenna F, Barreiro E, Siafakas NM, Vignola AM, Chanez P, Fabbri LM, Papi A; ENFUMOSA Study Group. Near-fatal asthma phenotype in the ENFUMOSA Cohort. *Clin Exp Allergy*. 2007 Apr;37(4):552-7. PubMed PMID: 17430352.

136: Crisafulli E, Costi S, De Blasio F, Biscione G, Americi F, Penza S, Eutropio E, Pasqua F, Fabbri LM, Clini EM. Effects of a walking aid in COPD patients

receiving oxygen therapy. *Chest*. 2007 Apr;131(4):1068-74. PubMed PMID: 17426211.

137: Chanez P, Wenzel SE, Anderson GP, Anto JM, Bel EH, Boulet LP, Brightling CE, Busse WW, Castro M, Dahlen B, Dahlen SE, Fabbri LM, Holgate ST, Humbert M, Gaga M, Joos GF, Levy B, Rabe KF, Sterk PJ, Wilson SJ, Vachier I. Severe asthma in adults: what are the important questions? *J Allergy Clin Immunol*. 2007 Jun;119(6):1337-48. Epub 2007 Apr 9. PubMed PMID: 17416409.

138: Kodric M, Shah AN, Fabbri LM, Confalonieri M. An investigation of airway acidification in asthma using induced sputum: a study of feasibility and correlation. *Am J Respir Crit Care Med*. 2007 May 1;175(9):905-10. Epub 2007 Feb 8. PubMed PMID: 17290044.

139: Richeldi L, Ewer K, Losi M, Bergamini BM, Millington K, Fabbri LM, Lalvani A. T-cell-based diagnosis of neonatal multidrug-resistant latent tuberculosis infection. *Pediatrics*. 2007 Jan;119(1):e1-5. PubMed PMID: 17200234.

140: Papi A, Paggiaro PL, Nicolini G, Vignola AM, Fabbri LM; Inhaled Combination Asthma Treatment versus SYmbicort (ICAT SY) Study Group. Beclomethasone/formoterol versus budesonide/formoterol combination therapy in asthma. *Eur Respir J*. 2007 Apr;29(4):682-9. Epub 2006 Nov 15. Erratum in: *Eur Respir J*. 2008 Sep;32(3):822. *Eur Respir J*. 2007 Jun;29(6):1286. PubMed PMID: 17107988.

141: Clini EM, Antoni FD, Vitacca M, Crisafulli E, Paneroni M, Chezzi-Silva S, Moretti M, Trianni L, Fabbri LM. Intrapulmonary percussive ventilation in tracheostomized patients: a randomized controlled trial. *Intensive Care Med*. 2006 Dec;32(12):1994-2001. Epub 2006 Oct 24. PubMed PMID: 17061020.

142: Barbato A, Turato G, Baraldo S, Bazzan E, Calabrese F, Panizzolo C, Zanin ME, Zuin R, Maestrelli P, Fabbri LM, Saetta M. Epithelial damage and angiogenesis in the airways of children with asthma. *Am J Respir Crit Care Med*. 2006 Nov 1;174(9):975-81. Epub 2006 Aug 17. PubMed PMID: 16917118.

143: Marian E, Baraldo S, Visentin A, Papi A, Saetta M, Fabbri LM, Maestrelli P. Up-regulated membrane and nuclear leukotriene B4 receptors in COPD. *Chest*. 2006 Jun;129(6):1523-30. PubMed PMID: 16778270.

144: O'Byrne PM, Pedersen S, Busse WW, Tan WC, Chen YZ, Ohlsson SV, Ullman A, Lamm CJ, Pauwels RA; START Investigators Group. Effects of early intervention with inhaled budesonide on lung function in newly diagnosed asthma. *Chest*. 2006 Jun;129(6):1478-85. PubMed PMID: 16778264.

145: Boschetto P, Quintavalle S, Zeni E, Leprotti S, Potena A, Ballerin L, Papi

A, Palladini G, Luisetti M, Annovazzi L, Iadarola P, De Rosa E, Fabbri LM, Mapp CE. Association between markers of emphysema and more severe chronic obstructive pulmonary disease. *Thorax*. 2006 Dec;61(12):1037-42. Epub 2006 Jun 12. PubMed PMID: 16769715; PubMed Central PMCID: PMC2117071.

146: Beghe B, Bazzan E, Baraldo S, Calabrese F, Rea F, Loy M, Maestrelli P, Zuin R, Fabbri LM, Saetta M. Transforming growth factor-beta type II receptor in pulmonary arteries of patients with very severe COPD. *Eur Respir J*. 2006 Sep;28(3):556-62. Epub 2006 May 31. PubMed PMID: 16737987.

147: Carnevali S, Luppi F, D'Arca D, Caporali A, Ruggieri MP, Vettori MV, Caglieri A, Astancolle S, Panico F, Davalli P, Mutti A, Fabbri LM, Corti A. Clusterin decreases oxidative stress in lung fibroblasts exposed to cigarette smoke. *Am J Respir Crit Care Med*. 2006 Aug 15;174(4):393-9. Epub 2006 May 18. PubMed PMID: 16709934.

148: Ferrara G, Losi M, Roversi P, Fabbri LM, Richeldi L. [New tools for a better diagnosis of latent tuberculosis infection]. *Recenti Prog Med*. 2006 Mar;97(3):123-8. Italian. PubMed PMID: 16700416.

149: Fabbri LM, Luppi F, Beghé B, Rabe KF. Update in chronic obstructive pulmonary disease 2005. *Am J Respir Crit Care Med*. 2006 May 15;173(10):1056-65. Review. PubMed PMID: 16679444.

150: Papi A, Luppi F, Franco F, Fabbri LM. Pathophysiology of exacerbations of chronic obstructive pulmonary disease. *Proc Am Thorac Soc*. 2006 May;3(3):245-51. Review. PubMed PMID: 16636093.

151: Ferrara G, Losi M, D'Amico R, Roversi P, Piro R, Meacci M, Meccugni B, Dori IM, Andreani A, Bergamini BM, Mussini C, Rumpianesi F, Fabbri LM, Richeldi L. Use in routine clinical practice of two commercial blood tests for diagnosis of infection with *Mycobacterium tuberculosis*: a prospective study. *Lancet*. 2006 Apr 22;367(9519):1328-34. PubMed PMID: 16631911.

152: Guddo F, Vignola AM, Saetta M, Baraldo S, Siena L, Balestro E, Zuin R, Papi A, Maestrelli P, Fabbri LM, Bonsignore G, Turato G. Upregulation of basic fibroblast growth factor in smokers with chronic bronchitis. *Eur Respir J*. 2006 May;27(5):957-63. Epub 2006 Mar 1. PubMed PMID: 16510460.

153: Papi A, Bellettato CM, Braccioni F, Romagnoli M, Casolari P, Caramori G, Fabbri LM, Johnston SL. Infections and airway inflammation in chronic obstructive pulmonary disease severe exacerbations. *Am J Respir Crit Care Med*. 2006 May 15;173(10):1114-21. Epub 2006 Feb 16. PubMed PMID: 16484677.

154: Richeldi L, Ewer K, Losi M, Roversi P, Fabbri LM, Lalvani A. Repeated tuberculin testing does not induce false positive ELISPOT results. *Thorax*. 2006 Feb;61(2):180. PubMed PMID: 16443712; PubMed Central PMCID: PMC2104569.

155: Richeldi L, Luppi M, Losi M, Luppi F, Potenza L, Roversi P, Cerri S, Millington KA, Ewer K, Fabbri LM, Torelli G, Lalvani A. Diagnosis of occult tuberculosis in hematological malignancy by enumeration of antigen-specific T cells. *Leukemia*. 2006 Feb;20(2):379-81. PubMed PMID: 16357840.

156: Rossi G, Cavazza A, Marchioni A, Longo L, Migaldi M, Sartori G, Bigiani N, Schirosi L, Casali C, Morandi U, Facciolongo N, Maiorana A, Bavieri M, Fabbri LM, Brambilla E. Role of chemotherapy and the receptor tyrosine kinases KIT, PDGFRalpha, PDGFRbeta, and Met in large-cell neuroendocrine carcinoma of the lung. *J Clin Oncol*. 2005 Dec 1;23(34):8774-85. PubMed PMID: 16314638.

157: Richeldi L, Ferrara G, Fabbri LM, Lasserson TJ, Gibson PG. Macrolides for chronic asthma. *Cochrane Database Syst Rev*. 2005 Oct 19;(4):CD002997. Review. Update in: *Cochrane Database Syst Rev*. 2015;9:CD002997. PubMed PMID: 16235309.

158: Baraldo S, Bazzan E, Turato G, Calabrese F, Beghé B, Papi A, Maestrelli P, Fabbri LM, Zuin R, Saetta M. Decreased expression of TGF-beta type II receptor in bronchial glands of smokers with COPD. *Thorax*. 2005 Dec;60(12):998-1002. Epub 2005 Oct 14. PubMed PMID: 16227324; PubMed Central PMCID: PMC1747268.

159: Corbetta L, Fabbri LM. Exhaled nitric oxide and asthma. *N Engl J Med*. 2005 Aug 18;353(7):732-3; author reply 732-3. PubMed PMID: 16108139.

160: Richeldi L, Ferrara G, Fabbri LM, Lasserson TJ, Gibson PG. Macrolides for chronic asthma. *Cochrane Database Syst Rev*. 2005 Jul 20;(3):CD002997. Review. Update in: *Cochrane Database Syst Rev*. 2005;(4):CD002997. PubMed PMID: 16034882.

161: Ferrara G, Losi M, Meacci M, Meccugni B, Piro R, Roversi P, Bergamini BM, D'Amico R, Marchegiano P, Rumpianesi F, Fabbri LM, Richeldi L. Routine hospital use of a new commercial whole blood interferon-gamma assay for the diagnosis of tuberculosis infection. *Am J Respir Crit Care Med*. 2005 Sep 1;172(5):631-5. Epub 2005 Jun 16. PubMed PMID: 15961696.

162: Fabbri LM, Stoloff S. Is mild asthma really 'mild'? *Int J Clin Pract*. 2005 Jun;59(6):692-703. Review. PubMed PMID: 15924598.

163: Huchon G, Fabbri LM. CFC Phase-Out and the Chiesi Solution. *Respiration*. 2005;72 Suppl 1:1-2. PubMed PMID: 15915005.

164: Mapp CE, Boschetto P, Maestrelli P, Fabbri LM. Occupational asthma. *Am J Respir Crit Care Med.* 2005 Aug 1;172(3):280-305. Epub 2005 Apr 28. Review. PubMed PMID: 15860754.

165: Fabbri LM. Does mild persistent asthma require regular treatment? *N Engl J Med.* 2005 Apr 14;352(15):1589-91. PubMed PMID: 15829540.

166: Boschetto P, Miotto D, Bononi I, Faggian D, Plebani M, Papi A, Creminon C, De Rosa E, Fabbri LM, Mapp CE. Sputum substance P and neurokinin A are reduced during exacerbations of chronic obstructive pulmonary disease. *Pulm Pharmacol Ther.* 2005;18(3):199-205. PubMed PMID: 15707854.

167: Richeldi L, De Guglielmo M, Fabbri LM, Giovanardi D, Marchetti F, Larosa M, Solfrini V, Altini M. Management of CAP using a validated risk score. *Thorax.* 2005 Feb;60(2):172-3. PubMed PMID: 15681511; PubMed Central PMCID: PMC1747287.

168: Ferrara G, Losi M, Franco F, Corbetta L, Fabbri LM, Richeldi L. Macrolides in the treatment of asthma and cystic fibrosis. *Respir Med.* 2005 Jan;99(1):1-10. Review. PubMed PMID: 15672842.

169: Miotto D, Boschetto P, Bononi I, Zeni E, Cavallesco G, Fabbri LM, Mapp CE. Vasoactive intestinal peptide receptors in the airways of smokers with chronic bronchitis. *Eur Respir J.* 2004 Dec;24(6):958-63. PubMed PMID: 15572539.

170: Luppi F, Cerri S, Beghè B, Fabbri LM, Richeldi L. Corticosteroid and immunomodulatory agents in idiopathic pulmonary fibrosis. *Respir Med.* 2004 Nov;98(11):1035-44. Review. PubMed PMID: 15526803.

171: Richeldi L, Mariani M, Losi M, Maselli F, Corbetta L, Buonsanti C, Colonna M, Sinigaglia F, Panina-Bordignon P, Fabbri LM. Triggering receptor expressed on myeloid cells: role in the diagnosis of lung infections. *Eur Respir J.* 2004 Aug;24(2):247-50. PubMed PMID: 15332392.

172: Papi A, Casoni G, Caramori G, Guzzinati I, Boschetto P, Ravenna F, Calia N, Petruzzelli S, Corbetta L, Cavallesco G, Forini E, Saetta M, Ciaccia A, Fabbri LM. COPD increases the risk of squamous histological subtype in smokers who develop non-small cell lung carcinoma. *Thorax.* 2004 Aug;59(8):679-81. PubMed PMID: 15282388; PubMed Central PMCID: PMC1747095.

173: Canonica GW, Castellani P, Cazzola M, Fabbri LM, Fogliani V, Mangrella M, Moretti A, Paggiaro P, Sanguinetti CM, Vignola AM; CAST (Control Of Asthma By Symbicort Turbuhaler) Study Group. Adjustable maintenance dosing with budesonide/formoterol in a single inhaler provides effective asthma symptom control at a lower dose than fixed maintenance dosing. *Pulm Pharmacol Ther.*

2004;17(4):239-47. PubMed PMID: 15219269.

174: Richeldi L, Ewer K, Losi M, Bergamini BM, Roversi P, Deeks J, Fabbri LM, Lalvani A. T cell-based tracking of multidrug resistant tuberculosis infection after brief exposure. *Am J Respir Crit Care Med*. 2004 Aug 1;170(3):288-95. Epub 2004 May 6. PubMed PMID: 15130907.

175: Richeldi L, Ewer K, Losi M, Hansell DM, Roversi P, Fabbri LM, Lalvani A. Early diagnosis of subclinical multidrug-resistant tuberculosis. *Ann Intern Med*. 2004 May 4;140(9):709-13. PubMed PMID: 15126254.

176: Maestrelli P, Zanolla L, Pozzan M, Fabbri LM; Regione Veneto Study Group on the "Effect of immunotherapy in allergic asthma". Effect of specific immunotherapy added to pharmacologic treatment and allergen avoidance in asthmatic patients allergic to house dust mite. *J Allergy Clin Immunol*. 2004 Apr;113(4):643-9. PubMed PMID: 15100667.

177: Romagnoli M, Fabbri LM. [Chronic obstructive pulmonary disease: definition and classification of severity]. *Ann Ist Super Sanita*. 2003;39(4):461-6. Review. Italian. PubMed PMID: 15098568.

178: Baraldo S, Turato G, Badin C, Bazzan E, Beghé B, Zuin R, Calabrese F, Casoni G, Maestrelli P, Papi A, Fabbri LM, Saetta M. Neutrophilic infiltration within the airway smooth muscle in patients with COPD. *Thorax*. 2004 Apr;59(4):308-12. PubMed PMID: 15047950; PubMed Central PMCID: PMC1763819.

179: Fabbri LM, Romagnoli M, Cossi S, Grassi V. [Chronic obstructive pulmonary disease: brief review]. *Ann Ital Med Int*. 2003 Oct-Dec;18(4):219-30. Review. Italian. PubMed PMID: 14971710.

180: Miotto D, Ruggieri MP, Boschetto P, Cavallesco G, Papi A, Bononi I, Piola C, Murer B, Fabbri LM, Mapp CE. Interleukin-13 and -4 expression in the central airways of smokers with chronic bronchitis. *Eur Respir J*. 2003 Oct;22(4):602-8. PubMed PMID: 14582911.

181: Burney P, Suissa S, Soriano JB, Vollmer WM, Viegi G, Sullivan SD, Fabbri LM, Sin DD, Ernst P, Coultas D, Bourbeau J, Mapel DW, Weiss K, McLaughlin T, Price D, Sturkenboom MC, Taylor R, Hagan GW. The pharmacoepidemiology of COPD: recent advances and methodological discussion. *Eur Respir J Suppl*. 2003 Sep;43:1s-44s. Review. PubMed PMID: 14582902.

182: Bjermer L, Bisgaard H, Bousquet J, Fabbri LM, Greening AP, Haahtela T, Holgate ST, Picado C, Menten J, Dass SB, Leff JA, Polos PG. Montelukast and fluticasone compared with salmeterol and fluticasone in protecting against asthma

exacerbation in adults: one year, double blind, randomised, comparative trial. *BMJ*. 2003 Oct 18;327(7420):891. PubMed PMID: 14563743; PubMed Central PMCID: PMC218809.

183: Barbato A, Turato G, Baraldo S, Bazzan E, Calabrese F, Tura M, Zuin R, Beghe B, Maestrelli P, Fabbri LM, Saetta M. Airway inflammation in childhood asthma. *Am J Respir Crit Care Med*. 2003 Oct 1;168(7):798-803. Epub 2003 Jul 31. PubMed PMID: 12893650.

184: Fabbri LM, Hurd SS; GOLD Scientific Committee. Global Strategy for the Diagnosis, Management and Prevention of COPD: 2003 update. *Eur Respir J*. 2003 Jul;22(1):1-2. PubMed PMID: 12882441.

185: Maestrelli P, Páska C, Saetta M, Turato G, Nowicki Y, Monti S, Formichi B, Miniati M, Fabbri LM. Decreased haem oxygenase-1 and increased inducible nitric oxide synthase in the lung of severe COPD patients. *Eur Respir J*. 2003 Jun;21(6):971-6. PubMed PMID: 12797490.

186: Saetta M, Baraldo S, Turato G, Beghé B, Casoni GL, Bellettato CM, Rea F, Zuin R, Fabbri LM, Papi A. Increased proportion of CD8+ T-lymphocytes in the paratracheal lymph nodes of smokers with mild COPD. *Sarcoidosis Vasc Diffuse Lung Dis*. 2003 Mar;20(1):28-32. PubMed PMID: 12737277.

187: Pauwels RA, Pedersen S, Busse WW, Tan WC, Chen YZ, Ohlsson SV, Ullman A, Lamm CJ, O'Byrne PM; START Investigators Group. Early intervention with budesonide in mild persistent asthma: a randomised, double-blind trial. *Lancet*. 2003 Mar 29;361(9363):1071-6. PubMed PMID: 12672309.

188: Caramori G, Romagnoli M, Casolari P, Bellettato C, Casoni G, Boschetto P, Chung KF, Barnes PJ, Adcock IM, Ciaccia A, Fabbri LM, Papi A. Nuclear localisation of p65 in sputum macrophages but not in sputum neutrophils during COPD exacerbations. *Thorax*. 2003 Apr;58(4):348-51. PubMed PMID: 12668802; PubMed Central PMCID: PMC1746629.

189: Boschetto P, Miniati M, Miotto D, Braccioni F, De Rosa E, Bononi I, Papi A, Saetta M, Fabbri LM, Mapp CE. Predominant emphysema phenotype in chronic obstructive pulmonary. *Eur Respir J*. 2003 Mar;21(3):450-4. PubMed PMID: 12662000.

190: Fabbri LM, Romagnoli M, Corbetta L, Casoni G, Busljetic K, Turato G, Ligabue G, Ciaccia A, Saetta M, Papi A. Differences in airway inflammation in patients with fixed airflow obstruction due to asthma or chronic obstructive pulmonary disease. *Am J Respir Crit Care Med*. 2003 Feb 1;167(3):418-24. Epub 2002 Nov 8. PubMed PMID: 12426229.

191: Brusasco V, Crimi E, Gherson G, Nardelli R, Oldani V, Francucci B, Della Cioppa G, Senn S, Fabbri LM. Actions other than smooth muscle relaxation may play a role in the protective effects of formoterol on the allergen-induced late asthmatic reaction. *Pulm Pharmacol Ther.* 2002;15(4):399-406. PubMed PMID: 12220946.

192: Richeldi L, Covi M, Ferrara G, Franco F, Vailati P, Meschiari E, Fabbri LM, Velluti G. Clinical use of Levofloxacin in the long-term treatment of drug resistant tuberculosis. *Monaldi Arch Chest Dis.* 2002 Feb;57(1):39-43. PubMed PMID: 12174702.

193: Richeldi L, Rossi G, Ruggieri MP, Corbetta L, Fabbri LM. Churg-Strauss syndrome in a case of asthma. *Allergy.* 2002 Jul;57(7):647-8. PubMed PMID: 12100309.

194: Turato G, Zuin R, Miniati M, Baraldo S, Rea F, Beghé B, Monti S, Formichi B, Boschetto P, Harari S, Papi A, Maestrelli P, Fabbri LM, Saetta M. Airway inflammation in severe chronic obstructive pulmonary disease: relationship with lung function and radiologic emphysema. *Am J Respir Crit Care Med.* 2002 Jul 1;166(1):105-10. PubMed PMID: 12091179.

195: Saetta M, Mariani M, Panina-Bordignon P, Turato G, Buonsanti C, Baraldo S, Bellettato CM, Papi A, Corbetta L, Zuin R, Sinigaglia F, Fabbri LM. Increased expression of the chemokine receptor CXCR3 and its ligand CXCL10 in peripheral airways of smokers with chronic obstructive pulmonary disease. *Am J Respir Crit Care Med.* 2002 May 15;165(10):1404-9. PubMed PMID: 12016104.

196: Romagnoli M, Fabbri LM. Mild asthma. *N Engl J Med.* 2002 Apr 25;346(17):1335-6; author reply 1335-6. PubMed PMID: 11973859.

197: Richeldi L, Ferrara G, Fabbri LM, Gibson PG. Macrolides for chronic asthma. *Cochrane Database Syst Rev.* 2002;(1):CD002997. Review. Update in: *Cochrane Database Syst Rev.* 2005;(3):CD002997. PubMed PMID: 11869648.

198: Miotto D, Hollenberg MD, Bunnett NW, Papi A, Braccioni F, Boschetto P, Rea F, Zuin A, Geppetti P, Saetta M, Maestrelli P, Fabbri LM, Mapp CE. Expression of protease activated receptor-2 (PAR-2) in central airways of smokers and non-smokers. *Thorax.* 2002 Feb;57(2):146-51. PubMed PMID: 11828045; PubMed Central PMCID: PMC1746249.

199: Maestrelli P, Saetta M, Mapp CE, Fabbri LM. Remodeling in response to infection and injury. Airway inflammation and hypersecretion of mucus in smoking subjects with chronic obstructive pulmonary disease. *Am J Respir Crit Care Med.* 2001 Nov 15;164(10 Pt 2):S76-80. Review. PubMed PMID: 11734472.

200: Maestrelli P, El Messlemani AH, De Fina O, Nowicki Y, Saetta M, Mapp C, Fabbri LM. Increased expression of heme oxygenase (HO)-1 in alveolar spaces and HO-2 in alveolar walls of smokers. *Am J Respir Crit Care Med*. 2001 Oct 15;164(8 Pt 1):1508-13. PubMed PMID: 11704604.

201: Zhu J, Qiu YS, Majumdar S, Gamble E, Matin D, Turato G, Fabbri LM, Barnes N, Saetta M, Jeffery PK. Exacerbations of Bronchitis: bronchial eosinophilia and gene expression for interleukin-4, interleukin-5, and eosinophil chemoattractants. *Am J Respir Crit Care Med*. 2001 Jul 1;164(1):109-16. PubMed PMID: 11435248.

202: Maestrelli P, Zanolla L, Puccinelli P, Pozzan M, Fabbri LM; Regione Veneto Study Group. Low domestic exposure to house dust mite allergens (Der p 1) is associated with a reduced non-specific bronchial hyper-responsiveness in mite-sensitized asthmatic subjects under optimal drug treatment. *Clin Exp Allergy*. 2001 May;31(5):715-21. PubMed PMID: 11422130.

203: Bertolotti G, Carone M, Viaggi S, Moscato G, Neri M, Rampulla C, Fabbri LM, Zanon P, Donner CF. Reliability of a questionnaire for evaluating the understanding of asthma. *Monaldi Arch Chest Dis*. 2001 Feb;56(1):11-6. PubMed PMID: 11407201.

204: Boschetto P, Jovine L, Chitano P, De Marzo N, Plebani M, Faggian D, Fabbri LM, Mapp CE. Serum-mediated relaxant response to toluene diisocyanate (TDI) in isolated guinea-pig bronchi. *Respir Med*. 2001 May;95(5):357-62. PubMed PMID: 11392576.

205: Panina-Bordignon P, Papi A, Mariani M, Di Lucia P, Casoni G, Bellettato C, Buonsanti C, Miotto D, Mapp C, Villa A, Arrigoni G, Fabbri LM, Sinigaglia F. The C-C chemokine receptors CCR4 and CCR8 identify airway T cells of allergen-challenged atopic asthmatics. *J Clin Invest*. 2001 Jun;107(11):1357-64. PubMed PMID: 11390417; PubMed Central PMCID: PMC209325.

206: Saetta M, Turato G, Maestrelli P, Mapp CE, Fabbri LM. Cellular and structural bases of chronic obstructive pulmonary disease. *Am J Respir Crit Care Med*. 2001 May;163(6):1304-9. Review. PubMed PMID: 11371392.

207: Maestrelli P, Richeldi L, Moretti M, Fabbri LM. Analysis of sputum in COPD. *Thorax*. 2001 Jun;56(6):420-2. PubMed PMID: 11359954; PubMed Central PMCID: PMC1746064.

208: Papi A, Romagnoli M, Baraldo S, Braccioni F, Guzzinati I, Saetta M, Ciaccia A, Fabbri LM. Partial reversibility of airflow limitation and increased exhaled NO and sputum eosinophilia in chronic obstructive pulmonary disease. *Am J Respir Crit Care Med*. 2000 Nov;162(5):1773-7. PubMed PMID: 11069811.

209: Bjermer L, Bisgaard H, Bousquet J, Fabbri LM, Greening A, Haahtela T, Holgate ST, Picado C, Leff JA. Montelukast or salmeterol combined with an inhaled steroid in adult asthma: design and rationale of a randomized, double-blind comparative study (the IMPACT Investigation of Montelukast as a Partner Agent for Complementary Therapy-trial). *Respir Med.* 2000 Jun;94(6):612-21. PubMed PMID: 10921768.

210: Ricciardolo FL, Steinhoff M, Amadesi S, Guerrini R, Tognetto M, Trevisani M, Creminon C, Bertrand C, Bunnnett NW, Fabbri LM, Salvadori S, Geppetti P. Presence and bronchomotor activity of protease-activated receptor-2 in guinea pig airways. *Am J Respir Crit Care Med.* 2000 May;161(5):1672-80. PubMed PMID: 10806174.

211: Mapp CE, Beghè B, Balboni A, Zamorani G, Padoan M, Jovine L, Baricordi OR, Fabbri LM. Association between HLA genes and susceptibility to toluene diisocyanate-induced asthma. *Clin Exp Allergy.* 2000 May;30(5):651-6. PubMed PMID: 10792356.

212: Saetta M, Turato G, Baraldo S, Zanin A, Braccioni F, Mapp CE, Maestrelli P, Cavallese G, Papi A, Fabbri LM. Goblet cell hyperplasia and epithelial inflammation in peripheral airways of smokers with both symptoms of chronic bronchitis and chronic airflow limitation. *Am J Respir Crit Care Med.* 2000 Mar;161(3 Pt 1):1016-21. PubMed PMID: 10712357.

213: Partridge MR, Fabbri LM, Chung KF. Delivering effective asthma care--how do we implement asthma guidelines? *Eur Respir J.* 2000 Feb;15(2):235-7. PubMed PMID: 10706483.

214: Maestrelli P, De Fina O, Bertin T, Papiris S, Ruggieri MP, Saetta M, Mapp CE, Fabbri LM. Integrin expression on neutrophils and mononuclear cells in blood and induced sputum in stable asthma. *Allergy.* 1999 Dec;54(12):1303-8. PubMed PMID: 10688435.

215: Mapp CE, Miotto D, Braccioni F, Saetta M, Turato G, Maestrelli P, Krause JE, Karpitskiy V, Boyd N, Geppetti P, Fabbri LM. The distribution of neurokinin-1 and neurokinin-2 receptors in human central airways. *Am J Respir Crit Care Med.* 2000 Jan;161(1):207-15. PubMed PMID: 10619822.

216: Mapp C, Boschetto P, Miotto D, De Rosa E, Fabbri LM. Mechanisms of occupational asthma. *Ann Allergy Asthma Immunol.* 1999 Dec;83(6 Pt 2):645-64. Review. PubMed PMID: 10619337.

217: Saetta M, Baraldo S, Corbino L, Turato G, Braccioni F, Rea F, Cavallese G, Tropeano G, Mapp CE, Maestrelli P, Ciaccia A, Fabbri LM. CD8+ve cells in the

lungs of smokers with chronic obstructive pulmonary disease. *Am J Respir Crit Care Med.* 1999 Aug;160(2):711-7. PubMed PMID: 10430750.

218: Papi A, Amadesi S, Chitano P, Boschetto P, Ciaccia A, Geppetti P, Fabbri LM, Mapp CE. Bronchopulmonary inflammation and airway smooth muscle hyperresponsiveness induced by nitrogen dioxide in guinea pigs. *Eur J Pharmacol.* 1999 Jun 18;374(2):241-7. PubMed PMID: 10422765.

219: Fabbri LM, Papi A, Corbetta L, Ciaccia A. [The therapy of bronchial asthma]. *Recenti Prog Med.* 1999 May;90(5):271-9. Review. Italian. PubMed PMID: 10380556.

220: Rogge L, Papi A, Presky DH, Biffi M, Minetti LJ, Miotto D, Agostini C, Semenzato G, Fabbri LM, Sinigaglia F. Antibodies to the IL-12 receptor beta 2 chain mark human Th1 but not Th2 cells in vitro and in vivo. *J Immunol.* 1999 Apr 1;162(7):3926-32. PubMed PMID: 10201911.

221: Papi A, Corbetta L, Fabbri LM. What can we learn from late-onset and occupational asthma? *Clin Exp Allergy.* 1998 Nov;28 Suppl 5:174-80; discussion 203-5. Review. PubMed PMID: 9988464.

222: Ricciardolo FL, Rado V, Fabbri LM, Sterk PJ, Di Maria GU, Geppetti P. Bronchoconstriction induced by citric acid inhalation in guinea pigs: role of tachykinins, bradykinin, and nitric oxide. *Am J Respir Crit Care Med.* 1999 Feb;159(2):557-62. PubMed PMID: 9927373.

223: Pinamonti S, Leis M, Barbieri A, Leoni D, Muzzoli M, Sostero S, Chicca MC, Carrieri A, Ravenna F, Fabbri LM, Ciaccia A. Detection of xanthine oxidase activity products by EPR and HPLC in bronchoalveolar lavage fluid from patients with chronic obstructive pulmonary disease. *Free Radic Biol Med.* 1998 Nov 1;25(7):771-9. PubMed PMID: 9823542.

224: Di Stefano A, Capelli A, Lusuardi M, Balbo P, Vecchio C, Maestrelli P, Mapp CE, Fabbri LM, Donner CF, Saetta M. Severity of airflow limitation is associated with severity of airway inflammation in smokers. *Am J Respir Crit Care Med.* 1998 Oct;158(4):1277-85. PubMed PMID: 9769292.

225: Mapp CE, Lucchini RE, Miotto D, Chitano P, Jovine L, Saetta M, Maestrelli P, Springall DR, Polak J, Fabbri LM. Immunization and challenge with toluene diisocyanate decrease tachykinin and calcitonin gene-related peptide immunoreactivity in guinea pig central airways. *Am J Respir Crit Care Med.* 1998 Jul;158(1):263-9. PubMed PMID: 9655739.

226: Fabbri LM, Caramori G, Beghé B, Papi A, Ciaccia A. Physiologic consequences of long-term inflammation. *Am J Respir Crit Care Med.* 1998 May;157(5 Pt

2):S195-8. Review. PubMed PMID: 9606320.

227: Fabbri LM, Durham S, Holgate ST, O'Byrne PM, Postma DS. Assessment of airway inflammation: an overview. *Eur Respir J Suppl.* 1998 Mar;26:6S-8S. Review. PubMed PMID: 9585871.

228: Saetta M, Turato G, Corbino L, Ruggieri MP, Pieno M, Mapp CE, Maestrelli P, Ciaccia A, Fabbri LM. Mechanisms of damage in COPD. *Monaldi Arch Chest Dis.* 1997 Dec;52(6):586-8. Review. PubMed PMID: 9550872.

229: Saetta M, Di Stefano A, Turato G, Facchini FM, Corbino L, Mapp CE, Maestrelli P, Ciaccia A, Fabbri LM. CD8+ T-lymphocytes in peripheral airways of smokers with chronic obstructive pulmonary disease. *Am J Respir Crit Care Med.* 1998 Mar;157(3 Pt 1):822-6. PubMed PMID: 9517597.

230: Fugagnoli A, Castelletti ML, Caramori G, Romagnoli M, Fabbri LM, Ciaccia A. Subcutaneous emphysema of the chest wall: a case with unusual presentation. *Monaldi Arch Chest Dis.* 1997 Oct;52(5):447-9. PubMed PMID: 9510664.

231: Maestrelli P, Occari P, Turato G, Papiris SA, Di Stefano A, Mapp CE, Milani GF, Fabbri LM, Saetta M. Expression of interleukin (IL)-4 and IL-5 proteins in asthma induced by toluene diisocyanate (TDI). *Clin Exp Allergy.* 1997 Nov;27(11):1292-8. PubMed PMID: 9420133.

232: Maestrelli P, Saetta M, Mapp C, Fabbri LM. Diagnostic basis of occupational asthma. *J Investig Allergol Clin Immunol.* 1997 Sep-Oct;7(5):316-7. PubMed PMID: 9416531.

233: Saetta M, Turato G, Facchini FM, Corbino L, Lucchini RE, Casoni G, Maestrelli P, Mapp CE, Ciaccia A, Fabbri LM. Inflammatory cells in the bronchial glands of smokers with chronic bronchitis. *Am J Respir Crit Care Med.* 1997 Nov;156(5):1633-9. PubMed PMID: 9372687.

234: Mapp CE, Balboni A, Baricordi R, Fabbri LM. Human leukocyte antigen associations in occupational asthma induced by isocyanates. *Am J Respir Crit Care Med.* 1997 Oct;156(4 Pt 2):S139-43. Review. PubMed PMID: 9351595.

235: Papiris SA, Saetta M, Turato G, La Corte R, Trevisani L, Mapp CE, Maestrelli P, Fabbri LM, Potena A. CD4-positive T-lymphocytes infiltrate the bronchial mucosa of patients with Sjögren's syndrome. *Am J Respir Crit Care Med.* 1997 Aug;156(2 Pt 1):637-41. PubMed PMID: 9279251.

236: Maestrelli P, Saetta M, Mapp C, Fabbri LM. Mechanisms of occupational

asthma. *Clin Exp Allergy*. 1997 May;27 Suppl 1:47-54. Review. PubMed PMID: 9179445.

237: Chitano P, Lucchini RE, Calabrò F, Saetta M, Maestrelli P, Fabbri LM, Mapp CE. Isotonic smooth muscle response in human bronchi exposed in vitro to nitrogen dioxide. *Eur Respir J*. 1996 Nov;9(11):2294-7. PubMed PMID: 8947074.

238: Maestrelli P, Calcagni PG, Saetta M, Bertin T, Mapp CE, Sanna A, Veriter C, Fabbri LM, Stănescu D. Integrin upregulation on sputum neutrophils in smokers with chronic airway obstruction. *Am J Respir Crit Care Med*. 1996 Nov;154(5):1296-300. PubMed PMID: 8912739.

239: Lucchini RE, Springall DR, Chitano P, Fabbri LM, Polak JM, Mapp CE. In vivo exposure to nitrogen dioxide (NO₂) induces a decrease in calcitonin gene-related peptide (CGRP) and tachykinin immunoreactivity in guinea-pig peripheral airways. *Eur Respir J*. 1996 Sep;9(9):1847-51. PubMed PMID: 8880101.

240: Crescioli S, Dal Carobbo A, Maestrelli P, Boschetto P, Santagada T, Steinijans VW, Hurst TS, Parise G, Fabbri LM. Controlled-release theophylline inhibits early morning airway obstruction and hyperresponsiveness in asthmatic subjects. *Ann Allergy Asthma Immunol*. 1996 Aug;77(2):106-10. PubMed PMID: 8760775.

241: Saetta M, Di Stefano A, Maestrelli P, Turato G, Mapp CE, Pieno M, Zanguochi G, Del Prete G, Fabbri LM. Airway eosinophilia and expression of interleukin-5 protein in asthma and in exacerbations of chronic bronchitis. *Clin Exp Allergy*. 1996 Jul;26(7):766-74. PubMed PMID: 8842549.

242: Mapp CE, Lapa e Silva JR, Lucchini RE, Chitano P, Rado V, Saetta M, Pretolani M, Karol MH, Maestrelli P, Fabbri LM. Inflammatory events in the blood and airways of guinea pigs immunized to toluene diisocyanate. *Am J Respir Crit Care Med*. 1996 Jul;154(1):201-8. PubMed PMID: 8680681.

243: Chitano P, Rado V, Di Stefano A, Papi A, Boniotti A, Zancuoghi G, Boschetto P, Romano M, Salmona M, Ciaccia A, Fabbri LM, Mapp CE. Effect of subchronic in vivo exposure to nitrogen dioxide on lung tissue inflammation, airway microvascular leakage, and in vitro bronchial muscle responsiveness in rats. *Occup Environ Med*. 1996 Jun;53(6):379-86. PubMed PMID: 8758032; PubMed Central PMCID: PMC1128493.

244: Fabbri LM. Is occupational asthma a relevant model? *Am J Respir Crit Care Med*. 1996 Jun;153(6 Pt 2):S26. Review. PubMed PMID: 8646380.

245: Stănescu D, Sanna A, Veriter C, Kostianev S, Calcagni PG, Fabbri LM,

Maestrelli P. Airways obstruction, chronic expectoration, and rapid decline of FEV1 in smokers are associated with increased levels of sputum neutrophils. *Thorax*. 1996 Mar;51(3):267-71. PubMed PMID: 8779129; PubMed Central PMCID: PMC1090637.

246: Balboni A, Baricordi OR, Fabbri LM, Gandini E, Ciaccia A, Mapp CE. Association between toluene diisocyanate-induced asthma and DQB1 markers: a possible role for aspartic acid at position 57. *Eur Respir J*. 1996 Feb;9(2):207-10. PubMed PMID: 8777952.

247: Di Stefano A, Turato G, Maestrelli P, Mapp CE, Ruggieri MP, Roggeri A, Boschetto P, Fabbri LM, Saetta M. Airflow limitation in chronic bronchitis is associated with T-lymphocyte and macrophage infiltration of the bronchial mucosa. *Am J Respir Crit Care Med*. 1996 Feb;153(2):629-32. PubMed PMID: 8564109.

248: Fabbri LM, Piattella M, Caramori G, Ciaccia A. Oral vs inhaled asthma therapy. Pros, cons and combinations. *Drugs*. 1996;52 Suppl 6:20-8. Review. PubMed PMID: 8941500.

249: Pinamonti S, Muzzoli M, Chicca MC, Papi A, Ravenna F, Fabbri LM, Ciaccia A. Xanthine oxidase activity in bronchoalveolar lavage fluid from patients with chronic obstructive pulmonary disease. *Free Radic Biol Med*. 1996;21(2):147-55. PubMed PMID: 8818629.

250: Maestrelli P, Saetta M, Di Stefano A, Calcagni PG, Turato G, Ruggieri MP, Roggeri A, Mapp CE, Fabbri LM. Comparison of leukocyte counts in sputum, bronchial biopsies, and bronchoalveolar lavage. *Am J Respir Crit Care Med*. 1995 Dec;152(6 Pt 1):1926-31. PubMed PMID: 8520757.

251: Turato G, Di Stefano A, Maestrelli P, Mapp CE, Ruggieri MP, Roggeri A, Fabbri LM, Saetta M. Effect of smoking cessation on airway inflammation in chronic bronchitis. *Am J Respir Crit Care Med*. 1995 Oct;152(4 Pt 1):1262-7. PubMed PMID: 7551380.

252: Caramori G, Fabbri LM. Asthma death. *Monaldi Arch Chest Dis*. 1995 Aug;50(4):256-7. PubMed PMID: 7550202.

253: Chitano P, Hosselet JJ, Mapp CE, Fabbri LM. Effect of oxidant air pollutants on the respiratory system: insights from experimental animal research. *Eur Respir J*. 1995 Aug;8(8):1357-71. Review. PubMed PMID: 7489804.

254: Saetta M, Di Stefano A, Turato G, De Caro R, Bordignon D, Holgate ST, Fabbri LM. Fatal asthma attack during an inhalation challenge with ultrasonically nebulized distilled water. *J Allergy Clin Immunol*. 1995 Jun;95(6):1285-7. PubMed

PMID: 7797798.

255: Fabbri LM, Mapp CE, Balboni A, Baricordi R. HLA class II molecules and asthma induced by toluene diisocyanate. *Int Arch Allergy Immunol.* 1995 May-Jun;107(1-3):400-1. PubMed PMID: 7613190.

256: Chitano P, Lucchini RE, Coser E, Papi A, Sietta M, Maestrelli P, Ciaccia A, Fabbri LM, Mapp CE. In-vitro exposure of guinea pig main bronchi to 2.5 ppm of nitrogen dioxide does not alter airway smooth muscle response. *Respir Med.* 1995 May;89(5):323-8. PubMed PMID: 7543687.

257: Maestrelli P, di Stefano A, Occari P, Turato G, Milani G, Pivrotto F, Mapp CE, Fabbri LM, Sietta M. Cytokines in the airway mucosa of subjects with asthma induced by toluene diisocyanate. *Am J Respir Crit Care Med.* 1995 Mar;151(3 Pt 1):607-12. PubMed PMID: 7533600.

258: Sietta M, Maestrelli P, Turato G, Mapp CE, Milani G, Pivrotto F, Fabbri LM, Di Stefano A. Airway wall remodeling after cessation of exposure to isocyanates in sensitized asthmatic subjects. *Am J Respir Crit Care Med.* 1995 Feb;151(2 Pt 1):489-94. PubMed PMID: 7842211.

259: Sietta M, Di Stefano A, Maestrelli P, Turato G, Ruggieri MP, Roggeri A, Calcagni P, Mapp CE, Ciaccia A, Fabbri LM. Airway eosinophilia in chronic bronchitis during exacerbations. *Am J Respir Crit Care Med.* 1994 Dec;150(6 Pt 1):1646-52. PubMed PMID: 7952628.

260: Fabbri LM. Airway inflammation in occupational asthma. *Am J Respir Crit Care Med.* 1994 Nov;150(5 Pt 2):S80-2. Review. PubMed PMID: 7952599.

261: Maestrelli P, Del Prete GF, De Carli M, D'Elis MM, Sietta M, Di Stefano A, Mapp CE, Romagnani S, Fabbri LM. CD8 T-cell clones producing interleukin-5 and interferon-gamma in bronchial mucosa of patients with asthma induced by toluene diisocyanate. *Scand J Work Environ Health.* 1994 Oct;20(5):376-81. PubMed PMID: 7863302.

262: Mapp CE, Sietta M, Maestrelli P, Ciaccia A, Fabbri LM. Low molecular weight pollutants and asthma: pathogenetic mechanisms and genetic factors. *Eur Respir J.* 1994 Sep;7(9):1559-63. PubMed PMID: 7995381.

263: Mapp CE, Plebani M, Faggian D, Maestrelli P, Sietta M, Calcagni P, Borghesan F, Fabbri LM. Eosinophil cationic protein (ECP), histamine and tryptase in peripheral blood before and during inhalation challenge with toluene diisocyanate (TDI) in sensitized subjects. *Clin Exp Allergy.* 1994 Aug;24(8):730-6. PubMed PMID: 7982122.

264: Chitano P, Coser E, Lucchini RE, Papi A, Saetta M, Maestrelli P, Faggian D, Plebani M, Ciaccia A, Fabbri LM, et al. In vitro exposure to nitrogen dioxide (NO₂) does not alter bronchial smooth muscle responsiveness in ovalbumin-sensitized guinea-pigs. *Pulm Pharmacol*. 1994 Aug;7(4):251-7. PubMed PMID: 7620240.

265: Fabbri LM, Maestrelli P, Saetta M, Mapp CM. Mechanisms of occupational asthma. *Clin Exp Allergy*. 1994 Jul;24(7):628-35. Review. PubMed PMID: 7953944.

266: Saetta M, Di Stefano A, Maestrelli P, Mapp CE, Ciaccia A, Fabbri LM. Structural aspects of airway inflammation in COPD. *Monaldi Arch Chest Dis*. 1994 Jun;49(3 Suppl 1):43-5. Review. PubMed PMID: 8087138.

267: Paggiaro PL, Dente FL, Morelli MC, Bancalari L, Di Franco A, Giannini D, Vagaggini B, Bacci E, Fabbri LM, Giuntini C. Postallergen inhaled budesonide reduces late asthmatic response and inhibits the associated increase of airway responsiveness to methacholine in asthmatics. *Am J Respir Crit Care Med*. 1994 Jun;149(6):1447-51. PubMed PMID: 8004297.

268: Chitano P, Di Blasi P, Lucchini RE, Calabrò F, Saetta M, Maestrelli P, Fabbri LM, Mapp CE. The effects of toluene diisocyanate and of capsaicin on human bronchial smooth muscle in vitro. *Eur J Pharmacol*. 1994 Apr 4;270(2-3):167-73. PubMed PMID: 7518777.

269: Pinamonti S, Chicca MC, Muzzoli M, Papi A, Fabbri LM, Ciaccia A. Oxygen radical scavengers inhibit clastogenic activity induced by sonication of human serum. *Free Radic Biol Med*. 1994 Mar;16(3):363-71. PubMed PMID: 8063200.

270: Mapp CE, Saetta M, Maestrelli P, Di Stefano A, Chitano P, Boschetto P, Ciaccia A, Fabbri LM. Mechanisms and pathology of occupational asthma. *Eur Respir J*. 1994 Mar;7(3):544-54. Review. Erratum in: *Eur Respir J* 1995 Apr;8(4):667. PubMed PMID: 8013612.

271: Di Stefano A, Maestrelli P, Roggeri A, Turato G, Calabro S, Potena A, Mapp CE, Ciaccia A, Covacev L, Fabbri LM, Saetta M. Upregulation of adhesion molecules in the bronchial mucosa of subjects with chronic obstructive bronchitis. *Am J Respir Crit Care Med*. 1994 Mar;149(3 Pt 1):803-10. PubMed PMID: 7509705.

272: Maestrelli P, Calcagni PG, Saetta M, Di Stefano A, Hosselet JJ, Santonastaso A, Fabbri LM, Mapp CE. Sputum eosinophilia after asthmatic responses induced by isocyanates in sensitized subjects. *Clin Exp Allergy*. 1994 Jan;24(1):29-34. PubMed PMID: 8156442.

273: Bignon JS, Aron Y, Ju LY, Kopferschmitt MC, Garnier R, Mapp C, Fabbri LM, Pauli G, Lockhart A, Charron D, et al. HLA class II alleles in isocyanate-induced asthma. *Am J Respir Crit Care Med*. 1994 Jan;149(1):71-5. PubMed PMID: 8111601.

274: Quanjer PH, Tammeling GJ, Cotes JE, Fabbri LM, Matthys H, Pedersen OF, Peslin R, Roca J, Sterk PJ, Ulmer WT, et al. [Symbols, abbreviations and units. Work Group on Standardization of Respiratory Function Tests. European Community for Coal and Steel. Official position of the European Respiratory Society]. *Rev Mal Respir*. 1994;11 Suppl 3:85-100. French. PubMed PMID: 7973053.

275: Sterk PJ, Fabbri LM, Quanjer PH, Cockcroft DW, O'Byrne PM, Anderson SD, Juniper EF, Malo JL. [Airway response. Standardized provocation tests in adults: pharmacological, physical and sensitizing stimuli. Work Group on Standardization of Respiratory Function Tests. European Community for Coal and Steel. Official position of the European Respiratory Society]. *Rev Mal Respir*. 1994;11 Suppl 3:53-83. French. PubMed PMID: 7973052.

276: Maestrelli P, De Marzo N, Saetta M, Boscaro M, Fabbri LM, Mapp CE. Effects of inhaled beclomethasone on airway responsiveness in occupational asthma. Placebo-controlled study of subjects sensitized to toluene diisocyanate. *Am Rev Respir Dis*. 1993 Aug;148(2):407-12. PubMed PMID: 8393638.

277: Mapp CE, Boniotti A, Papi A, Chitano P, Coser E, Di Stefano A, Saetta M, Ciaccia A, Fabbri LM. The effect of compound 48/80 on contractions induced by toluene diisocyanate in isolated guinea-pig bronchus. *Eur J Pharmacol*. 1993 Jun 1;248(1):67-73. PubMed PMID: 7687959.

278: Di Stefano A, Saetta M, Maestrelli P, Milani G, Pivrotto F, Mapp CE, Fabbri LM. Mast cells in the airway mucosa and rapid development of occupational asthma induced by toluene diisocyanate. *Am Rev Respir Dis*. 1993 Apr;147(4):1005-9. PubMed PMID: 8385428.

279: Quanjer PH, Tammeling GJ, Cotes JE, Fabbri LM, Matthys H, Pedersen OF, Peslin R, Roca J, Sterk PJ, Ulmer WT, Yernault JC. Symbols, abbreviations and units. *Eur Respir J*. 1993 Mar;6 Suppl 16:85-100. doi: 10.1183/09041950.085s1693. PubMed PMID: 24576918.

280: Sterk PJ, Fabbri LM, Quanjer PH, Cockcroft DW, O'Byrne PM, Anderson SD, Juniper EF, Malo JL. Standardized challenge testing with pharmacological, physical and sensitizing stimuli in adults. *Eur Respir J*. 1993 Mar;6 Suppl 16:53-83. doi: 10.1183/09041950.053s1693. PubMed PMID: 24576917.

281: Quanjer PH, Tammeling GJ, Cotes JE, Fabbri LM, Matthys H, Pedersen OF, Peslin R, Roca J, Sterk PJ, Ulmer WT, et al. Symbols, abbreviations and units.

Working Party Standardization of Lung Function Tests, European Community for Steel and Coal. *Eur Respir J Suppl.* 1993 Mar;16:85-100. PubMed PMID: 8499056.

282: Sterk PJ, Fabbri LM, Quanjer PH, Cockcroft DW, O'Byrne PM, Anderson SD, Juniper EF, Malo JL. Airway responsiveness. Standardized challenge testing with pharmacological, physical and sensitizing stimuli in adults. Report Working Party Standardization of Lung Function Tests, European Community for Steel and Coal. Official Statement of the European Respiratory Society. *Eur Respir J Suppl.* 1993 Mar;16:53-83. Review. PubMed PMID: 8499055.

283: Vandenplas O, Malo JL, Saetta M, Mapp CE, Fabbri LM. Occupational asthma and extrinsic alveolitis due to isocyanates: current status and perspectives. *Br J Ind Med.* 1993 Mar;50(3):213-28. PubMed PMID: 8457488; PubMed Central PMCID: PMC1061268.

284: Saetta M, Di Stefano A, Maestrelli P, Ferraresso A, Drigo R, Potena A, Ciaccia A, Fabbri LM. Activated T-lymphocytes and macrophages in bronchial mucosa of subjects with chronic bronchitis. *Am Rev Respir Dis.* 1993 Feb;147(2):301-6. PubMed PMID: 8430952.

285: Mapp CE, Boniotti A, Papi A, Maggi CA, Di Stefano A, Saetta M, Ciaccia A, Fabbri LM. Effect of bumetanide on toluene diisocyanate induced contractions in guinea pig airways. *Thorax.* 1993 Jan;48(1):63-7. PubMed PMID: 8381989; PubMed Central PMCID: PMC464247.

286: Finotto S, Rado V, Dal Vecchio A, Milani G, Fabbri LM, Maestrelli P. Identification of epithelial cells in bronchoalveolar lavage. *Hum Exp Toxicol.* 1993 Jan;12(1):43-6. PubMed PMID: 7679917.

287: Mapp CE, Boniotti A, Papi A, Chitano P, Fabbri LM, Ciaccia A. The products of the reaction between toluene diisocyanate and water contract isolated guinea pig bronchi. *Eur J Pharmacol.* 1992 Sep 1;228(2-3):103-6. PubMed PMID: 1332877.

288: Crescioli S, De Marzo N, Boschetto P, Spinazzi A, Plebani M, Mapp CE, Fabbri LM, Ciaccia A. Theophylline inhibits late asthmatic reactions induced by toluene diisocyanate in sensitised subjects. *Eur J Pharmacol.* 1992 May 1;228(1):45-50. PubMed PMID: 1327850.

289: Bentley AM, Maestrelli P, Saetta M, Fabbri LM, Robinson DS, Bradley BL, Jeffery PK, Durham SR, Kay AB. Activated T-lymphocytes and eosinophils in the bronchial mucosa in isocyanate-induced asthma. *J Allergy Clin Immunol.* 1992 Apr;89(4):821-9. PubMed PMID: 1532807.

290: Mapp CE, Boniotti A, Papi A, Chitano P, Saetta M, Di Stefano A, Ciaccia A,

Fabbri LM. The effect of phosphoramidon and epithelium removal on toluene diisocyanate-induced contractions in guinea-pig bronchi. *Eur Respir J.* 1992 Mar;5(3):331-3. PubMed PMID: 1315295.

291: Boschetto P, Musajo FG, Tognetto L, Boscaro M, Mapp CE, Barnes PJ, Fabbri LM. Increase in vascular permeability produced in rat airways by PAF: potentiation by adrenalectomy. *Br J Pharmacol.* 1992 Feb;105(2):388-92. PubMed PMID: 1559129; PubMed Central PMCID: PMC1908675.

292: Fabbri LM, Ciaccia A. Investigative bronchoscopy in asthma and other airways diseases. *Eur Respir J.* 1992 Jan;5(1):8-11. PubMed PMID: 1577154.

293: Saetta M, Maestrelli P, Di Stefano A, De Marzo N, Milani GF, Pivrotto F, Mapp CE, Fabbri LM. Effect of cessation of exposure to toluene diisocyanate (TDI) on bronchial mucosa of subjects with TDI-induced asthma. *Am Rev Respir Dis.* 1992 Jan;145(1):169-74. PubMed PMID: 1309964.

294: Saetta M, Di Stefano A, Maestrelli P, De Marzo N, Milani GF, Pivrotto F, Mapp CE, Fabbri LM. Airway mucosal inflammation in occupational asthma induced by toluene diisocyanate. *Am Rev Respir Dis.* 1992 Jan;145(1):160-8. PubMed PMID: 1309963.

295: Fabbri LM. In re: Côté et al. (*JACI* 1990;85:592-8). *J Allergy Clin Immunol.* 1991 Sep;88(3 Pt 1):424. PubMed PMID: 1890275.

296: Paggiaro PL, Dente FL, Vagaggini B, Bacci E, Talini D, Testi R, Mapp CE, Fabbri LM, Giuntini C. Salbutamol plus beclomethasone dipropionate, but not salbutamol alone, completely prevent early and late asthmatic responses to allergen. *Respir Med.* 1991 Sep;85(5):401-6. PubMed PMID: 1759005.

297: Mapp CE, Fabbri LM, Boniotti A, Maggi CA. Prostacyclin activates tachykinin release from capsaicin-sensitive afferents in guinea-pig bronchi through a ruthenium red-sensitive pathway. *Br J Pharmacol.* 1991 Sep;104(1):49-52. PubMed PMID: 1723916; PubMed Central PMCID: PMC1908289.

298: Mapp CE, Boniotti A, Graf PD, Chitano P, Fabbri LM, Nadel JA. Bronchial smooth muscle responses evoked by toluene diisocyanate are inhibited by ruthenium red and by indomethacin. *Eur J Pharmacol.* 1991 Jul 23;200(1):73-6. PubMed PMID: 1722756.

299: Fabbri LM, Picotti G, Mapp CE. Late asthmatic reactions, airway inflammation and chronic asthma in TDI sensitized subjects. *Eur Respir J Suppl.* 1991 Apr;13:136s-138s. Review. PubMed PMID: 1659425.

300: Crescioli S, Spinazzi A, Plebani M, Pozzani M, Mapp CE, Boschetto P, Fabbri LM. Theophylline inhibits early and late asthmatic reactions induced by allergens in asthmatic subjects. *Ann Allergy*. 1991 Mar;66(3):245-51. PubMed PMID: 2006773.

301: Boschetto P, Rogers DF, Fabbri LM, Barnes PJ. Corticosteroid inhibition of airway microvascular leakage. *Am Rev Respir Dis*. 1991 Mar;143(3):605-9. PubMed PMID: 2001074.

302: Fabbri LM, Maestrelli P, Saetta M, Mapp CE. Airway inflammation during late asthmatic reactions induced by toluene diisocyanate. *Am Rev Respir Dis*. 1991 Mar;143(3 Pt 2):S37-8. PubMed PMID: 1848414.

303: Fabbri LM. Inhalational challenge reactions to isocyanates. *J Allergy Clin Immunol*. 1991 Feb;87(2):600. PubMed PMID: 2036111.

304: Finotto S, Fabbri LM, Rado V, Mapp CE, Maestrelli P. Increase in numbers of CD8 positive lymphocytes and eosinophils in peripheral blood of subjects with late asthmatic reactions induced by toluene diisocyanate. *Br J Ind Med*. 1991 Feb;48(2):116-21. PubMed PMID: 1847821; PubMed Central PMCID: PMC1035331.

305: Saetta M, Di Stefano A, Rosina C, Thiene G, Fabbri LM. Quantitative structural analysis of peripheral airways and arteries in sudden fatal asthma. *Am Rev Respir Dis*. 1991 Jan;143(1):138-43. PubMed PMID: 1986670.

306: Fabbri LM, Mapp C. Bronchial hyperresponsiveness, airway inflammation and occupational asthma induced by toluene diisocyanate. *Clin Exp Allergy*. 1991 Jan;21 Suppl 1:42-7. Review. PubMed PMID: 1851655.

307: Fabbri LM, Saetta M, Picotti G, Mapp CE. Late asthmatic reactions, airway inflammation and chronic asthma in toluene-diisocyanate-sensitized subjects. *Respiration*. 1991;58 Suppl 1:18-21. PubMed PMID: 1656502.

308: Danel C, Israel-Biet D, Costabel U, Fabbri LM, Klech H. Therapeutic applications of BAL. *Eur Respir J*. 1990 Sep;3(8):960-1, 961-9. Review. PubMed PMID: 2292307.

309: Pozzi E, De Rose V, Rennard SI, Fabbri LM. Clinical guidelines and indications for bronchoalveolar lavage (BAL): chronic bronchitis and emphysema. *Eur Respir J*. 1990 Sep;3(8):959, 961-9. PubMed PMID: 2292306.

310: Fabbri LM, De Rose V, Godard P, Rossi GA. Clinical guidelines and indications for bronchoalveolar lavage (BAL): bronchial asthma. *Eur Respir J*.

1990 Sep;3(8):958-9, 961-9. PubMed PMID: 2292305.

311: Mapp CE, Chitano P, Fabbri LM, Patacchini R, Maggi CA. Pharmacological modulation of the contractile response to toluene diisocyanate in the rat isolated urinary bladder. *Br J Pharmacol.* 1990 Aug;100(4):886-8. PubMed PMID: 1698499; PubMed Central PMCID: PMC1917599.

312: Maestrelli P, Boschetto P, Zocca E, Crescioli S, Baroldi P, Mapp C, Fabbri LM. Venous blood platelets decrease during allergen-induced asthmatic reactions. *Clin Exp Allergy.* 1990 Jul;20(4):367-72. PubMed PMID: 2198085.

313: Mapp CE, Chitano P, Fabbri LM, Patacchini R, Santicioli P, Geppetti P, Maggi CA. Evidence that toluene diisocyanate activates the efferent function of capsaicin-sensitive primary afferents. *Eur J Pharmacol.* 1990 May 3;180(1):113-8. PubMed PMID: 2163862.

314: Potena A, La Corte R, Fabbri LM, Papi A, Trotta F, Ciaccia A. Increased bronchial responsiveness in primary and secondary Sjögren's syndrome. *Eur Respir J.* 1990 May;3(5):548-53. PubMed PMID: 2198166.

315: Zocca E, Fabbri LM, Boschetto P, Plebani M, Masiero M, Milani GF, Pivrotto F, Mapp CE. Leukotriene B4 and late asthmatic reactions induced by toluene diisocyanate. *J Appl Physiol (1985).* 1990 Apr;68(4):1576-80. PubMed PMID: 2161410.

316: Fabbri LM. Airway inflammation and late asthmatic reactions. *Eur Respir J.* 1990 Mar;3(3):367-8. PubMed PMID: 2160376.

317: Fabbri LM. Effect of antiasthma drugs on asthmatic reactions induced by toluene diisocyanate in sensitized subjects. *Lung.* 1990;168 Suppl:128-31. PubMed PMID: 1974669.

318: Cartier A, Bernstein IL, Burge PS, Cohn JR, Fabbri LM, Hargreave FE, Malo JL, McKay RT, Salvaggio JE. Guidelines for bronchoprovocation on the investigation of occupational asthma. Report of the Subcommittee on Bronchoprovocation for Occupational Asthma. *J Allergy Clin Immunol.* 1989 Nov;84(5 Pt 2):823-9. PubMed PMID: 2809031.

319: Sietta M, Thiene G, Crescioli S, Fabbri LM. Fatal asthma in a young patient with severe bronchial hyperresponsiveness but stable peak flow records. *Eur Respir J.* 1989 Nov;2(10):1008-12. PubMed PMID: 2606186.

320: Mapp CE, Chitano P, De Marzo N, Di Blasi P, Sietta M, Di Stefano A, Bosco

VM, Allegra L, Fabbri LM. Response to acetylcholine and myosin content of isolated canine airways. *J Appl Physiol* (1985). 1989 Oct;67(4):1331-5. PubMed PMID: 2793732.

321: Tossin L, Corona PC, Leproux GB, De Marzo N, Crescioli S, Fabbri LM, Mapp CE. Dexamethasone isonicotinate inhibits dual and late asthmatic reactions but not the increase of airway responsiveness induced by toluene diisocyanate in sensitized subjects. *Ann Allergy*. 1989 Oct;63(4):292-6. PubMed PMID: 2552868.

322: Fabbri LM, Saetta M. Fatal asthma. Sarcoidosis. 1989 Sep;6(2):II-VII. Review. PubMed PMID: 2690238.

323: Mapp CE, Boschetto P, Picotti G, De Marzo N, Fabbri LM. Steroid and non-steroid anti-inflammatory agents in asthma. *Eur Respir J Suppl*. 1989 Jun;6:566s-567s. PubMed PMID: 2803410.

324: Saetta M, Fabbri LM, Danieli D, Picotti G, Allegra L. Pathology of bronchial asthma and animal models of asthma. *Eur Respir J Suppl*. 1989 Jun;6:477s-482s. Review. PubMed PMID: 2679600.

325: De Marzo N, Di Blasi P, Boschetto P, Mapp CE, Sartore S, Picotti G, Fabbri LM. Airway smooth muscle biochemistry and asthma. *Eur Respir J Suppl*. 1989 Jun;6:473s-476s. Review. PubMed PMID: 2679599.

326: Allegra L, Fabbri LM, Picotti G, Mattoli S. Bronchial epithelium and asthma. *Eur Respir J Suppl*. 1989 Jun;6:460s-468s. Review. PubMed PMID: 2679597.

327: Boschetto P, Mapp CE, Picotti G, Fabbri LM. Neutrophils and asthma. *Eur Respir J Suppl*. 1989 Jun;6:456s-459s. Review. PubMed PMID: 2679596.

328: Tossin L, Chiesura-Corona P, Fabbri LM, De Marzo N, Picotti G, Crescioli S, Mapp CE. Ketotifen does not inhibit asthmatic reactions induced by toluene di-isocyanate in sensitized subjects. *Clin Exp Allergy*. 1989 Mar;19(2):177-82. PubMed PMID: 2546659.

329: Mattoli S, Fabbri LM, Mapp CE, Allegra L. [Non-allergic factors of bronchial asthma]. *Recenti Prog Med*. 1989 Feb;80(2):99-106. Review. Italian. PubMed PMID: 2652227.

330: Chitano P, Di Stefano A, Finotto S, Zavattini G, Maestrelli P, Mapp C, Fabbri LM, Allegra L. Ambroxol inhibits airway hyperresponsiveness induced by ozone in dogs. *Respiration*. 1989;55 Suppl 1:74-8. PubMed PMID: 2813981.

331: Fabbri LM, Danieli D, Crescioli S, Bevilacqua P, Meli S, Saetta M, Mapp CE. Fatal asthma in a subject sensitized to toluene diisocyanate. *Am Rev Respir Dis*. 1988 Jun;137(6):1494-8. PubMed PMID: 2849334.

332: Mapp CE, Boschetto P, Dal Vecchio L, Maestrelli P, Fabbri LM. Occupational asthma due to isocyanates. *Eur Respir J*. 1988 Mar;1(3):273-9. PubMed PMID: 3289963.

333: Fabbri LM, Boschetto P, Zocca E, De Marzo N, Crescioli S, Maestrelli P, Mapp CE. Pathogenesis of bronchial hyperresponsiveness. *Respiration*. 1988;54 Suppl 1:90-4. Review. PubMed PMID: 3068749.

334: De Marzo N, Fabbri LM, Crescioli S, Plebani M, Testi R, Mapp CE. Dose-dependent inhibitory effect of inhaled beclomethasone on late asthmatic reactions and increased responsiveness to methacholine induced by toluene diisocyanate in sensitised subjects. *Pulm Pharmacol*. 1988;1(1):15-20. PubMed PMID: 2856542.

335: Mapp C, Boschetto P, dal Vecchio L, Crescioli S, de Marzo N, Paleari D, Fabbri LM. Protective effect of antiasthma drugs on late asthmatic reactions and increased airway responsiveness induced by toluene diisocyanate in sensitized subjects. *Am Rev Respir Dis*. 1987 Dec;136(6):1403-7. PubMed PMID: 2825567.

336: Mapp CE, Boschetto P, Zocca E, Milani GF, Pivrotto F, Tegazzin V, Fabbri LM. Pathogenesis of late asthmatic reactions induced by exposure to isocyanates. *Bull Eur Physiopathol Respir*. 1987 Nov-Dec;23(6):583-6. Review. PubMed PMID: 2840139.

337: Paggiaro P, Bacci E, Talini D, Dente FL, Rossi O, Pulerá N, Fabbri LM, Giuntini C. Atropine does not inhibit late asthmatic responses induced by toluene-diisocyanate in sensitized subjects. *Am Rev Respir Dis*. 1987 Nov;136(5):1237-41. PubMed PMID: 2823652.

338: Fabbri LM. Rank injustice and academic promotion. *Lancet*. 1987 Oct 10;2(8563):860. PubMed PMID: 2889063.

339: Boschetto P, Fabbri LM, Zocca E, Milani G, Pivrotto F, Dal Vecchio A, Plebani M, Mapp CE. Prednisone inhibits late asthmatic reactions and airway inflammation induced by toluene diisocyanate in sensitized subjects. *J Allergy Clin Immunol*. 1987 Sep;80(3 Pt 1):261-7. Erratum in: *J Allergy Clin Immunol* 1988 Feb;81(2):454. PubMed PMID: 3040835.

340: Fabbri LM, Boschetto P, Zocca E, Milani G, Pivrotto F, Plebani M, Burlina

A, Licata B, Mapp CE. Bronchoalveolar neutrophilia during late asthmatic reactions induced by toluene diisocyanate. *Am Rev Respir Dis.* 1987 Jul;136(1):36-42. PubMed PMID: 3037957.

341: Boschetto P, Zocca E, Bruchi O, Cappellazzo G, Milani GF, Pivrotto F, Mapp CE, Fabbri LM. Importance of airway inflammation for late asthmatic reactions induced by toluene diisocyanate in sensitized subjects. *Adv Prostaglandin Thromboxane Leukot Res.* 1987;17B:1080-4. PubMed PMID: 2823559.

342: Walters EH, O'Byrne PM, Graf PD, Fabbri LM, Nadel JA. The responsiveness of airway smooth muscle in vitro from dogs with airway hyper-responsiveness in vivo. *Clin Sci (Lond).* 1986 Nov;71(5):605-11. PubMed PMID: 3769409.

343: Mapp CE, Di Giacomo GR, Omini C, Broseghini C, Fabbri LM. Late, but not early, asthmatic reactions induced by toluene-diisocyanate are associated with increased airway responsiveness to methacholine. *Eur J Respir Dis.* 1986 Oct;69(4):276-84. PubMed PMID: 3028853.

344: Hendrick DJ, Fabbri LM, Hughes JM, Banks DE, Barkman HW Jr, Connolly MJ, Jones RN, Weill H. Modification of the methacholine inhalation test and its epidemiologic use in polyurethane workers. *Am Rev Respir Dis.* 1986 Apr;133(4):600-4. PubMed PMID: 3516038.

345: Fabbri LM, Alessandri MV, De Marzo N, Zocca E, Paleari D, Pozzan M, Mapp CE. Long-lasting protective effect of slow-release theophylline on asthma induced by ultrasonically nebulized distilled water. *Ann Allergy.* 1986 Feb;56(2):171-6. PubMed PMID: 3946851.

346: Mapp CE, Dal Vecchio L, Boschetto P, De Marzo N, Fabbri LM. Toluene diisocyanate-induced asthma without airway hyperresponsiveness. *Eur J Respir Dis.* 1986 Feb;68(2):89-95. PubMed PMID: 3009212.

347: Fabbri LM, Chiesa-Corona P, Dal Vecchio L, di Giacomo GR, Zocca E, de Marzo N, Maestrelli P, Mapp CE. Prednisone inhibits late asthmatic reactions and the associated increase in airway responsiveness induced by toluene-diisocyanate in sensitized subjects. *Am Rev Respir Dis.* 1985 Nov;132(5):1010-4. PubMed PMID: 2998242.

348: Fabbri LM, Di Giacomo R, Dal Vecchio L, Zocca E, De Marzo N, Maestrelli P, Mapp CE. Prednisone, indomethacin and airway responsiveness in toluene diisocyanate sensitized subjects. *Bull Eur Physiopathol Respir.* 1985 Sep-Oct;21(5):421-6. PubMed PMID: 2998519.

349: Fabbri LM, Aizawa H, O'Byrne PM, Bethel RA, Walters EH, Holtzman MJ, Nadel

JA. An anti-inflammatory drug (BW755C) inhibits airway hyperresponsiveness induced by ozone in dogs. *J Allergy Clin Immunol.* 1985 Aug;76(2 Pt 1):162-6. PubMed PMID: 3926851.

350: Mapp CE, Dal Vecchio L, Boschetto P, Fabbri LM. Combined asthma and alveolitis due to diphenylmethane diisocyanate (MDI) with demonstration of no crossed respiratory reactivity to toluene diisocyanate (TDI). *Ann Allergy.* 1985 May;54(5):424-9. PubMed PMID: 2986490.

351: Mapp CE, Polato R, Maestrelli P, Hendrick DJ, Fabbri LM. Time course of the increase in airway responsiveness associated with late asthmatic reactions to toluene diisocyanate in sensitized subjects. *J Allergy Clin Immunol.* 1985 May;75(5):568-72. PubMed PMID: 2985677.

352: Fabbri LM. Airway inflammation and asthma. Importance of arachidonate metabolites for airway hyperresponsiveness. *Prog Biochem Pharmacol.* 1985;20:18-25. Review. PubMed PMID: 2986156.

353: O'Byrne PM, Walters EH, Aizawa H, Fabbri LM, Holtzman MJ, Nadel JA. Indomethacin inhibits the airway hyperresponsiveness but not the neutrophil influx induced by ozone in dogs. *Am Rev Respir Dis.* 1984 Aug;130(2):220-4. PubMed PMID: 6465676.

354: O'Byrne PM, Walters EH, Gold BD, Aizawa HA, Fabbri LM, Alpert SE, Nadel JA, Holtzman MJ. Neutrophil depletion inhibits airway hyperresponsiveness induced by ozone exposure. *Am Rev Respir Dis.* 1984 Aug;130(2):214-9. PubMed PMID: 6465675.

355: Fabbri LM, Mapp CE, Hendrick DJ. Comparison of ultrasonically nebulized distilled water and hyperventilation with cold air in asthma. *Ann Allergy.* 1984 Aug;53(2):172-7. PubMed PMID: 6465626.

356: Walters EH, O'Byrne PM, Fabbri LM, Graf PD, Holtzman MJ, Nadel JA. Control of neurotransmission by prostaglandins in canine trachealis smooth muscle. *J Appl Physiol Respir Environ Exerc Physiol.* 1984 Jul;57(1):129-34. PubMed PMID: 6088448.

357: Fabbri LM, Aizawa H, Alpert SE, Walters EH, O'Byrne PM, Gold BD, Nadel JA, Holtzman MJ. Airway hyperresponsiveness and changes in cell counts in bronchoalveolar lavage after ozone exposure in dogs. *Am Rev Respir Dis.* 1984 Feb;129(2):288-91. PubMed PMID: 6696327.

358: Holtzman MJ, Fabbri LM, Skoogh BE, O'Byrne PM, Walters EH, Aizawa H, Nadel JA. Time course of airway hyperresponsiveness induced by ozone in dogs. *J Appl Physiol Respir Environ Exerc Physiol.* 1983 Oct;55(4):1232-6. PubMed PMID:

6629955.

359: Skoogh BE, Nadel JA, Fabbri LM, Sheppard D, Holtzman MJ. Antihistaminic versus anticholinergic effects of atropine on canine trachealis muscle. *Am Rev Respir Dis*. 1983 Oct;128(4):603-6. PubMed PMID: 6137986.

360: Holtzman MJ, Fabbri LM, O'Byrne PM, Gold BD, Aizawa H, Walters EH, Alpert SE, Nadel JA. Importance of airway inflammation for hyperresponsiveness induced by ozone. *Am Rev Respir Dis*. 1983 Jun;127(6):686-90. PubMed PMID: 6859651.

361: Fabbri LM, Hendrick DJ, Diem JE. Effect of atropine on the bronchial response of asthmatic subjects to the inhalation of ultrasonically nebulized distilled water. *J Allergy Clin Immunol*. 1983 May;71(5):468-72. PubMed PMID: 6841826.

362: Fabbri LM, Mapp CE, Hendrick DJ. Effect of cromolyn on carbachol-induced bronchoconstriction. *Ann Allergy*. 1983 Mar;50(3):195-8. PubMed PMID: 6402959.

363: Holtzman MJ, McNamara MP, Sheppard D, Fabbri LM, Hahn HL, Graf PD, Nadel JA. Intravenous versus inhaled atropine for inhibiting bronchoconstrictor responses in dogs. *J Appl Physiol Respir Environ Exerc Physiol*. 1983 Jan;54(1):134-9. PubMed PMID: 6826397.

364: Holtzman MJ, Hahn HL, Sasaki K, Skoogh BE, Graf PD, Fabbri LM, Nadel JA. Selective effect of general anesthetics on reflex bronchoconstrictor responses in dogs. *J Appl Physiol Respir Environ Exerc Physiol*. 1982 Jul;53(1):126-33. PubMed PMID: 7118625.