

Curriculum vitae del Prof. Vito Brusasco

Luogo e data di nascita: La Spezia, 25 novembre 1946.

Studi:

- Maturità classica 1966.
- Laurea con lode in Medicina e Chirurgia Università di Genova, 1972.
- Specializzazione con lode in Tisiologia e Malattie dell'Apparato Respiratorio, Università di Genova, 1975.
- Fellowships: "Fulbright-Hays Foundation", 1980-81 e "Parker B. Francis Foundation", Mayo Clinic, Rochester Minnesota, 1980-81 e 1984.

Posizioni professionali e accademiche:

- Assistente Ordinario di Malattie dell'Apparato Respiratorio, Università di Genova, 1976-86.
- Associate Consultant in Anesthesia Research, Mayo Clinic, Rochester, Minnesota, 1986-87.
- Professore Associato di Allergologia Respiratoria 1986-88 e Fisiopatologia Respiratoria, Università di Genova, 1988-2001.
- Professore Ordinario di Malattie dell'Apparato Respiratorio, Università di Genova, 2001-2017;
- Direttore della Scuola di Specializzazione in Medicina dello Sport, Università di Genova, 2003-2008.
- Docente a contratto di Malattie dell'Apparato Respiratorio, Università di Genova dal 2017

Società Scientifiche:

- Membro di: American Physiological Society, American Thoracic Society, European Respiratory Society, Società Italiana di Medicina Respiratoria.
- Segretario (1990-1993) e Chairman (1994-1995) del Gruppo Scientifico "Respiratory Mechanics and Modelling" dell'European Respiratory Society.
- Segretario (1996-1997) e Capo (1998-2001) dell'Assemblea Scientifica "Clinical Physiology" dell'European Respiratory Society.
- Membro del Comitato Scientifico dell'European Respiratory Society, 1988-1999; Comitato Strutturale dell'European Respiratory Society, 1998-2000; Membro del Comitato Esecutivo dell'European Respiratory Society, 1998-2001.
- Segretario del Comitato Scientifico dell'International Society of Exercise and Immunology, 1993-1995.
- Membro del Comitato Scientifico dell'Assemblea "Respiratory Structure and Function" dell'American Thoracic Society, 1999-2005.
- Chair-elect (2002-2003) e Chairman (2003-2004) del Comitato Scientifico dell'Assemblea "Respiratory Structure and Function" dell'American Thoracic Society.
- Membro del Planning Committee dell'Assemblea "Respiratory Structure and Function" dell'American Thoracic Society, 2001, 2002, 2003.
- Chairman del Planning Committee dell'Assemblea "Respiratory Structure and Function" dell'American Thoracic Society, 2004-2006.
- Membro del Nominating Committee dell'Assemblea "Respiratory Structure and Function" dell'American Thoracic Society, 2004-2005.
- Membro del Consiglio Direttivo della Società Italiana di Medicina Respiratoria, 1999-2002.
- Segretario Generale della Società Italiana di Medicina Respiratoria, 2003-2005.
- Presidente Eletto della Società Italiana di Medicina Respiratoria per il biennio 2006-2007.
- Presidente della Società Italiana di Medicina Respiratoria per il biennio 2007-2009.

Attività editoriali:

- Editorial Board Member: European Respiratory Review, 1993-1995; Exercise Immunology Annual, 1994-1996; Journal of Applied Physiology, dal 1999; Respiratory Research dal 2000; Therapeutic Advances in Respiratory Disease dal 2007. American Journal of Respiratory and Critical Care Medicine dal 2008.
- Associate Editor, European Respiratory Journal, 1992-1996.
- Associate Editor, Journal of Applied Physiology, 2001-2005.
- Co-Editor in Chief, European Respiratory Journal, 2009-2012.
- Editor in Chief, COPD: Journal of Chronic Obstructive Pulmonary Disease dal 2014

Pubblicazioni:

Autore o coautore di numerose pubblicazioni su giornali indicizzati da Scopus (n. 285, citazioni 19.474, h-index 43) o Web of Science Core Collection (n. 258, citazioni 17.608, h-index 41).

1. **Brusasco V**, Ramoino R. Modifications du volume de fermeture dues à l'inhalation de fumée de tabac. *Poumon Coeur* 31:287-289, 1975.
2. Lamedica G, Tiano A, **Brusasco V**, Ramoino R. A new method for pulmonary nitrogen washout analysis. *INSERM* vol. 51, 1976 pp. 105-118.
3. **Brusasco V**, Vibelli C, Chierichetti S, Ramoino R. Dose-response study of a new oral bronchodilator, NAB 365 (Clenbuterol). *Int J Clin Pharmacol* 16:589-593, 1978.
4. **Brusasco V**, Tiano A, Ramoino R, Lamedica G. Identification and parameter estimation of the mechanical ventilatory system. *Respiration* 39:75-86, 1980.
5. **Brusasco V**, Crimi E, Mangini S, Vibelli C. A clinical trial of oral clenbuterol (NAB 365) in chronic airways obstruction. *Curr Med Res Opin* 6:449-455, 1980.
6. Lamedica G, **Brusasco V**, Tiano A, Ramoino R. Analysis of nitrogen multi-breath washout curves through a statistical approach. *Respiration* 39:333-343, 1980.
7. **Brusasco V**, Crimi E, Crimi P, Valenti S. Comparison between intracutaneous and prick tests in detecting sensitization to common mediterranean allergens. *Respiration* 40:317-322, 1980.
8. **Brusasco V**, Rocchi D. Effects of volume history and time-dependence of flow-volume curves on assessment of bronchial response to inhaled methacholine in normals. *Respiration* 41:106-112, 1981.
9. Rehder K, Knopp TJ, **Brusasco V**, Didier EP. Inspiratory flow and intrapulmonary gas distribution. *Am Rev Respir Dis* 124:392-396, 1981.
10. **Brusasco V**, Knopp TJ, Rehder K. Gas transport during high frequency ventilation. *J Appl Physiol* 55:472-478, 1983.
11. **Brusasco V**, Knopp TJ, Schmid ER, Rehder K. Ventilation-perfusion relationship during high-frequency ventilation. *J Appl Physiol* 56:454-458, 1984.
12. Violante B, Buccheri G, **Brusasco V**. Effects of β -adrenergic blockade on exercise performance and respiratory response in healthy, physically untrained humans. *Br J Clin Pharmacol* 18:811-815, 1984.
13. Valenti S, Crimi E, **Brusasco V**. Bronchial provocation tests with RAST-standardized allergens and dosimetric technique. *Respiration* 48:97-102, 1985.
14. Ratto GB, **Brusasco V**, Sacco A, Villa G, Mereu C, Motta G. Regional lung function following sleeve lobectomy. *Panmin Med* 28:335-338, 1986.
15. **Brusasco V**, Beck KC, Crawford M, Rehder K. Resonant amplification of delivered volume during high-frequency ventilation. *J Appl Physiol* 60:885-892, 1986.
16. Crimi E, Brancatisano M, Villa G, **Brusasco V**. Dual asthmatic reactions to inhaled *Dermatophagoide*s *pteronysinus*: reproducibility and antagonism by cromolin sodium. *Ann Allergy* 56:183-186, 1986.
17. Violante B, **Brusasco V**, Buccheri G. Exercise testing in radiologically limited, simple pulmonary silicosis. *Chest* 90:411-415, 1986.
18. Crimi E, **Brusasco V**, Losurdo E, Crimi P. Predictive accuracy of late asthmatic reaction to *Dermatophagoide*s *pteronysinus*. *J Allergy Clin Immunol* 78:908-913, 1986.
19. Crimi E, **Brusasco V**, Brancatisano M, Losurdo E, Crimi P. Adenosine-induced bronchoconstriction: premedication with chlorpheniramine and nedocromil sodium. *Eur J Respir Dis* 69 (Suppl.147):255-257, 1986.
20. Crimi E, **Brusasco V**, Brancatisano M, Losurdo E, Crimi P. Effect of nedocromil sodium on adenosine- and methacholine- induced bronchospasm in asthma. *Clin Allergy* 17:135-141, 1987.
21. Valenti S, Crimi P, **Brusasco V**. Bioavailability and pharmacokinetics of a new controlled release theophylline preparation in the form of capsules containing pellets. *Respiration* 52:195-200, 1987.
22. **Brusasco V**, Ratto GB, Crimi P, Sacco A, Motta G. Lung function following upper sleeve lobectomy for bronchogenic carcinoma. *Scand J Thor Cardiovasc Surg* 22:73-78, 1988.
23. Crimi E, **Brusasco V**, Crimi P, Brancatisano M, Bregante A. The fluoroallergosorbent test: a comparison with RAST and skin test in respiratory allergy. *Ann Allergy* 67:371-374, 1988.
24. Vettermann J, **Brusasco V**, Rehder K. Gas exchange and intrapulmonary distribution of ventilation during continuous flow ventilation. *J Appl Physiol* 64:1864-1869, 1988.
25. **Brusasco V**, Warner DO, Beck KC, Rodarte R, Rehder K. Partitioning of pulmonary resistance in dogs: effect of tidal volume and frequency. *J Appl Physiol* 66:1190-1196, 1989.
26. Warner DO, Vettermann J, **Brusasco V**, Rehder K. Pulmonary resistance during halothane anesthesia is not determined only by airway caliber. *Anesthesiology* 70:453-460, 1989.
27. Crimi E, **Brusasco V**, Crimi P. Effect of nedocromil sodium on the late asthmatic reaction to bronchial antigen challenge. *J Allergy Clin Immunol* 83:985-989, 1989.
28. **Brusasco V**, Violante B, Buccheri GF. Effect of β -adrenergic blockade on response to exercise in

- sedentary and active subjects. *J Appl Physiol* 67:103-109, 1989.
29. **Brusasco V.** Delivered volume during high-frequency ventilation. *Acta Anesthesiol Scand* 33 (Suppl.90):70-71, 1989.
 30. Rossi GA, Crimi E, Lantero S, Gianiorio P, **Brusasco V.** Bronchoalveolar lavage in allergic asthma. *Eur Respir J* 3: 368-370, 1990.
 31. Crimi E, Gianiorio P, Orengo G, Voltolini S, Crimi P, **Brusasco V.** Late asthmatic reaction to perennial and seasonal allergens. *J Allergy Clin Immunol* 85:885-890, 1990.
 32. Crimi E, Voltolini S, Gianiorio P, Orengo G, Troise C, **Brusasco V,** Crimi P, Negrini AC. Effect of seasonal exposure to pollen on specific bronchial sensitivity in allergic patients. *J Allergy Clin Immunol* 85:1014-1019, 1990.
 33. Pellegrino R, Violante B, Crimi E, **Brusasco V.** Effects of deep inhalation during early and late asthmatic reactions to allergen. *Am Rev Respir Dis* 142:822-825, 1990.
 34. **Brusasco V,** Crimi E, Gianiorio P, Lantero S, Rossi GA. Allergen-induced increase in airway responsiveness and inflammation in mild asthma. *J Appl Physiol* 69:2209-2214, 1990.
 35. Gianiorio P, Bonavia M, Crimi E, Lantero S, Crimi P, Rossi GA, **Brusasco V.** Bronchial responsiveness is not increased by bronchoalveolar and bronchial lavage performed after allergen challenge. *Am Rev Respir Dis* 143:105-108, 1991.
 36. **Brusasco V,** Cipolloni C, Barabino P, Basano L, Ottonello P. Evaluation of a modified device for measuring respiratory input impedance without using flowmeter. *Eur Respir Rev* 1:3,163-166, 1991.
 37. DeLucia F, Bonavia M, Crimi E, Scabicabarozzi I, **Brusasco V.** Antiinflammatory/antioxidant treatment with a methane sulfonanilide and allergen-induced asthma. *Ann Allergy* 66:424-429, 1991.
 38. Crimi E, Voltolini S, Troise C, Gianiorio P, Crimi P, **Brusasco V,** Negrini AC. Local immunotherapy with *Dermatophagoides* extract in asthma. *J Allergy Clin Immunol* 87:721-728, 1991.
 39. Rossi GA, Crimi E, Lantero S, Gianiorio P, Oddera S, Crimi P, **Brusasco V.** The late-phase asthmatic reaction to inhaled allergen is associated with an early recruitment of eosinophils in the airways. *Am Rev Respir Dis* 144:379-383, 1991.
 40. Crimi E, Chiaramondia M, Milanese M, Rossi GA, **Brusasco V.** Increased numbers of mast cell in bronchial mucosa after the late-phase asthmatic response to allergen. *Am Rev Respir Dis* 144:1282-1286, 1991.
 41. Pellegrino R, Violante B, Crimi E, **Brusasco V.** Time course and calcium dependence of sustained bronchoconstriction induced by deep inhalation in asthma. *Am Rev Respir Dis* 144:1262-1266, 1991.
 42. **Brusasco V,** Pellegrino R, Violante B, Crimi E. Relationship between quasi-static pulmonary hysteresis and maximal airway narrowing in humans. *J Appl Physiol* 72:2075-2080, 1992.
 43. Violante B, Pellegrino R, Crimi E, **Brusasco V.** Increase in airway responsiveness and effect of deep inhalation on airway caliber in allergen-induced asthma: relationship to the late-phase response. *Am Rev Respir Dis* 146:127-131, 1992.
 44. Crimi E, Balbo A, Milanese M, Miadonna A, Rossi GA, **Brusasco V.** Airway inflammation and occurrence of delayed bronchoconstriction in exercise-induced asthma. *Am Rev Respir Dis* 146:507-512, 1992.
 45. Crimi E, Lantero S, Oddera S, Bonavia M, Crimi P, Gianiorio P, **Brusasco V,** Rossi GA. Bronchial and bronchoalveolar lavage after allergen challenge in atopic patients. *Respiration* 59(suppl.1):9-11, 1992.
 46. **Brusasco V,** Crimi E, Pellegrino R, Violante B, Rossi GA. Late-phase reaction and bronchial hyperresponsiveness. *Eur Respir Rev* 3:14,466-468, 1993.
 47. Pellegrino R, **Brusasco V,** Rodarte JR, Babb TG. Expiratory flow limitation and regulation of end-expiratory lung volume during exercise. *J Appl Physiol* 74:2552-2558, 1993.
 48. Crimi E, Balbo A, Voltolini S, Troise C, **Brusasco V,** Negrini AC. Is the allergen inhalation challenge predictive of the severity of seasonal asthmatic exacerbations? *Allergy* 48:202-206, 1993.
 49. Pellegrino R, Violante B, Crimi E, **Brusasco V.** Effects of aerosol methacholine and histamine on airways and lung parenchyma in healthy humans. *J Appl Physiol* 74:2681-2686, 1993.
 50. Burastero SE, Fenoglio D, Crimi E, **Brusasco V,** Rossi GA. Frequency of allergen-specific T lymphocytes in blood and bronchial response to allergen in asthma. *J Allergy Clin Immunol* 91:1075-1081, 1993.
 51. Pellegrino R, Violante B, Nava S, Rampulla C, **Brusasco V,** Rodarte JR. Expiratory airflow limitation and hyperinflation during methacholine-induced bronchoconstriction. *J Appl Physiol* 75:1720-1727, 1993.
 52. Crimi E, Violante B, Pellegrino R, **Brusasco V.** Effect of multiple doses of nedocromil sodium given after allergen inhalation in asthma. *J Allergy Clin Immunol* 92:777-783, 1993.

53. **Brusasco V**, Crimi E, Scaricabarozzi I. Nimesulide does not interfere with airway responsiveness in allergic asthma. *Drugs* 45 (Suppl.4):121-123, 1993.
54. **Brusasco V**, Crimi E. Allergy and sports: exercise-induced asthma. *Int J Sports Med* 15:S184-S186, 1994.
55. Jones PW and the Nedocromil Sodium Quality of Life Study Group (**Brusasco V**, Study Group member). Quality of life, symptoms and pulmonary function in asthma: long-term treatment with nedocromil sodium examined in a controlled multicenter trial. *Eur Respir J* 7:55-62, 1994.
56. Burastero SE, Fenoglio D, Crimi E, **Brusasco V**, Rossi GA. Quantitative analysis of peripheral allergen-specific B lymphocytes in asthma. *Allergy* 49:348-353, 1994.
57. Pellegrino R, Violante B, Selleri R, **Brusasco V**. Changes in residual volume during induced bronchoconstriction in healthy and asthmatic subjects. *Am J Respir Crit Care Med* 150:363-368, 1994.
58. **Brusasco V**, Schiavi E, Basano L, Ottonello P. Comparative evaluation of devices used for measurement of respiratory input impedance in different centers. *Eur Respir Rev* 4:19,118-120, 1994.
59. Pellegrino R. **Brusasco V**. Lung volumes and expiratory flow during bronchoconstriction in asthma. *Monaldi Arch Chest Dis* 49:439-443, 1994.
60. **Brusasco V**. Partitioning of pulmonary impedance. *Curr Opin Anaest* 7:527-530, 1994.
61. **Brusasco V**, Pellegrino R. Hysteresis of airways and lung parenchyma. *Respir Med* 89:317-322, 1995.
62. Crimi E, Orefice U, De Benedetto F, Grassi V, **Brusasco V**. Nedocromil sodium versus theophylline in the treatment of reversible obstructive airway disease. *Ann Allergy* 74:501-508, 1995.
63. Pellegrino R, Violante B, **Brusasco V**. Maximal bronchoconstriction in humans: relationship to deep inhalation and airway sensitivity. *Am J Respir Crit Care Med* 153:115-121, 1996.
64. Sannita WG, Crimi E, Riela S, Rosadini G, **Brusasco V**. Cutaneous antihistaminic action of cetirizine and dose-related EEG concomitants of sedation in man. *Eur J Pharmacol* 300:33-41, 1996.
65. Bonavia M, Crimi E, Quaglia A, **Brusasco V**. Comparison of early and late asthmatic responses between patients with allergic rhinitis and mild asthma. *Eur Respir J* 9:905-909, 1996.
66. Song P, Rocchi D, Lazzarotti M, Crimi E, Rehder K, **Brusasco V**. Postjunctional effect of pinacidil on contractility of isolated bovine trachealis. *Eur Respir J* 9:2057-2063, 1996.
67. Pellegrino R, Confessore P, Bianco A, **Brusasco V**. Effects of lung volume and thoracic gas compression on maximal and partial flow-volume curves. *Eur Respir J* 9:2168-2173, 1996.
68. **Brusasco V**, Fitting J-W. Lung hyperinflation in airway obstruction. *Eur Respir J* 9:2440, 1996.
69. Crimi E, Bartalucci C, **Brusasco V**. Asthma, exercise, and immune system. *Exercise Immunology Review* 2:45-64, 1996.
70. **Brusasco V**. Relationship between airway inflammation and mechanics in asthma. *Monaldi Arch Chest Dis* 6: 466-468, 1996.
71. **Brusasco V**. Airway structure to function relationship in asthma and COPD. *Monaldi Arch Chest Dis* 6:597-599, 1997.
72. Pellegrino R, **Brusasco V**. On the causes of lung hyperinflation during bronchoconstriction. *Eur Respir J* 10:468-475, 1997.
73. Pellegrino R, **Brusasco V**. Lung hyperinflation and flow limitation in chronic airway obstruction. *Eur Respir J* 10:543-549, 1997.
74. Song P, Milanese M, Crimi E, Rehder K, **Brusasco V**. Allergen challenge of passively sensitized human bronchi alters M₂ and β₂ receptor function. *Am J Respir Crit Care Med* 155:1230-1234, 1997.
75. **Brusasco V**, Pellegrino R, Rodarte JR. Vital capacities in acute and chronic airway obstruction. Dependence on flow and volume histories. *Eur Respir J* 10:1316-1320, 1997.
76. Pawels RA, Löfdahl C-G, Postma DS, Tattersfield AE, O'Byrne P, Barnes PJ, Ullman A, for the Formoterol and Corticosteroids Establishing Therapy (FACET) International Study Group. (**Brusasco V**, Study Group member). Effect of inhaled formoterol and budesonide on exacerbations of asthma. *N Eng J Med* 337:1405-1411, 1997.
77. Crimi E, Spanevello A, Neri M, Ind PW, Rossi GA, **Brusasco V**. Dissociation between airway inflammation and airway hyperresponsiveness in allergic asthma. *Am J Respir Crit Care Med* 157:4-9, 1998.
78. **Brusasco V**, Crimi E, Pellegrino R. Airway hyperresponsiveness in asthma: not just a matter of airway inflammation. *Thorax* 53: 992-998, 1998.
79. Officer TM, Pellegrino R, **Brusasco V**, Rodarte JR. Measurement of pulmonary resistance and dynamic compliance with airway obstruction. *J Appl Physiol* 85:1982-1988, 1998.
80. Song P, Crimi E, Milanese M, Duan J, Rehder K, **Brusasco V**. Antiinflammatory agents and

- allergen-induced β_2 -receptor dysfunction in isolated human bronchi. *Am J Respir Crit Care Med* 158: 1809-1814, 1998.
81. Pellegrino R, Sterk PJ, Sont JK, **Brusasco V**. Assessing the effect of deep inhalation on airway calibre: a novel approach to lung function in bronchial asthma and COPD. *Eur Respir J* 12: 1219-1227, 1998.
 82. Pellegrino R, Rodarte JR, **Brusasco V**. Assessing the reversibility of airway obstruction. *Chest* 114: 1607-1612, 1998.
 83. Spanevello A, Vignola AM, Bonanno A, Confalonieri M, Crimi E, **Brusasco V**. Effect of methacholine challenge on cellular composition of sputum induction *Thorax* 54: 37-39, 1999.
 84. Crompton GK, Ayres JG, Basran G, Schiraldi G, **Brusasco V**, Eivindson A, Jamieson AH, Olsson H. Comparison of oral bambuterol and inhaled salmeterol in patients with symptomatic asthma using inhaled corticosteroids. *Am J Respir Crit Care Med* 159: 824-828, 1999.
 85. **Brusasco V**, Crimi E, Barisione G, Spanevello A, Rodarte JR, Pellegrino R. Airway responsiveness to methacholine: effects of deep inhalations and airway inflammation. *J Appl Physiol* 87: 567-573, 1999.
 86. Rodarte JR, Noredin G, Miller C, **Brusasco V**, Pellegrino R. Lung elastic recoil during breathing at increased lung volume. *J Appl Physiol* 87: 1491-1495, 1999.
 87. Pellegrino R, Villosio C, Milanese U, Garelli G, Rodarte JR, **Brusasco V**. Breathing during exercise in subjects with mild-to-moderate airflow obstruction: effects of physical training. *J Appl Physiol* 87: 1697-1704, 1999.
 88. Milanese M, Mondino C, Tosca M, Canonica GW, **Brusasco V**. Modulation of airway caliber by deep inhalation in children. *J Appl Physiol* 88: 1259-1264, 2000.
 89. Corsico A, Pellegrino R, Zoia MC, Barbano L, **Brusasco V**, Cerveri I. Effects of inhaled steroids on methacholine-induced bronchoconstriction and gas trapping in mild asthma. *Eur Respir J* 15: 687-692, 2000.
 90. Cerveri I, Pellegrino R, Dore R, Corsico A, Fulgoni P, Van de Woestijne KP, **Brusasco V**. Mechanisms for isolated volume response to a bronchodilator in patients with COPD. *J Appl Physiol* 88: 1989-1995, 2000.
 91. Song P, Milanese M, Crimi E, Bruzzone S, Zocchi E, Rehder K, **Brusasco V**. G_s protein dysfunction in allergen-challenged human isolated passively sensitized bronchi. *Am J Physiol: Lung Cell Mol Physiol* 279: L209-215, 2000.
 92. Silvestri M, Spallarossa D, Battistini E, **Brusasco V**, Rossi GA. Dissociation between exhaled nitric oxide and hyperresponsiveness in children with mild intermittent asthma. *Thorax* 55: 484-488, 2000.
 93. Franco L, Bruzzone S, Song P, Guida L, Zocchi E, Walseth TF, Crimi E, Usai C, De Flora A, **Brusasco V**. Extracellular cyclic ADP-ribose potentiates ACh-induced contraction in bovine tracheal smooth muscle via calcium mobilization. *Am J Physiol: Lung Cell Mol Physiol* 280: L98-L106, 2001.
 94. Filippelli M, Pellegrino R, Iandelli I, Misuri G, Rodarte JR, Duranti R, **Brusasco V**, Scano G. Respiratory dynamics during laughter. *J Appl Physiol* 90: 1441-1446, 2001.
 95. Crimi E, Milanese M, Song P, **Brusasco V**. Allergic inflammation and airway smooth muscle function. *Sci Total Environ* 270: 57-61, 2001.
 96. Crimi E, Milanese M, Oddera S, Mereu C, Rossi GA, Riccio A, Canonica GW, **Brusasco V**. Inflammatory and mechanical factors of allergen-induced bronchoconstriction in mild asthma and rhinitis. *J Appl Physiol* 91: 1029-1034, 2001.
 97. Milanese M, Crimi E, Scordamaglia A, Riccio A, Pellegrino R, Canonica GW, **Brusasco V**. On the functional consequences of bronchial basement membrane thickening. *J Appl Physiol* 91: 1035-1040, 2001.
 98. **Brusasco V**, Crimi E. Methacholine provocation test for diagnosis of allergic respiratory diseases. *Allergy* 56:1114-1120, 2001.
 99. Pellegrino R, Biggi A, Papaleo A, Camuzzini G, Rodarte JR, **Brusasco V**. Regional expiratory flow limitation studied with Technegas in asthma. *J Appl Physiol* 91:2190-2198, 2001.
 100. **Brusasco V**. External modulation of airway narrowing. *Monaldi Arch Chest Dis* 56: 322-324, 2001.
 101. Agostoni PG, Pellegrino R, Conca C, Rodarte JR, **Brusasco V**. Exercise hyperpnea in chronic heart failure: relationship to lung stiffness and expiratory flow limitation. *J Appl Physiol* 92:1409-1416, 2002.
 102. Smeraldi A, Crimi E, Milanese M, Rossetti A, Cantini L, **Brusasco V**. Efficacy of ipratropium bromide aqueous nasal spray in the prevention of nasal secretion induced by inhaled methacholine. *Clin Drug Invest* 22:275-280, 2002.
 103. Crimi E, Smeraldi A, Pellegrino R, **Brusasco V**. Exercise-induced bronchodilation in natural and induced asthma: effects on ventilatory response and performance. *J Appl Physiol* 92: 2353-2360, 2002.

104. Hantos Z, **Brusasco V**. Assessment of respiratory mechanics in small animals: the simpler the better? *J Appl Physiol* 93: 1196-1197, 2002.
105. Crimi E, Pellegrino R, Milanese M, **Brusasco V**. Deep breaths, methacholine, and airway narrowing in healthy and mild asthmatic subjects. *J Appl Physiol* 93: 1384-1390, 2002.
106. Corsico A, Fulgoni P, Beccaria M, Zoia MC, Barisione G, Pellegrino R, **Brusasco V**, Cerveri I. Effects of exercise and β_2 -agonists on lung function in chronic obstructive pulmonary disease. *J Appl Physiol* 93: 2053-2058, 2002.
107. **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* 15: 399-406, 2002.
108. Duranti R, Filippelli M, Bianchi R, Romagnoli I, Pellegrino R, **Brusasco V**, Scano G. Inspiratory capacity and decrease in lung hyperinflation with albuterol in COPD. *Chest* 122: 2009-2014, 2002.
109. Bricchetto L, Milanese M, Song P, Patrone M, Crimi E, Rehder K, **Brusasco V**. Beclomethasone rapidly ablates allergen induced β_2 -adrenoceptor pathway dysfunction in human isolated bronchi. *Am J Physiol Lung Cell Mol Physiol* 284: L133-L139, 2003.
110. **Brusasco V**. Usefulness of peak expiratory flow measurements: is it just a matter of instrument accuracy? *Thorax* 58: 375-376, 2003.
111. **Brusasco V**, R Hodder, M Miravittles, L Korducki, L Towse, and S Kesten. Health outcomes following treatment for six months with once daily tiotropium compared with twice daily salmeterol in patients with COPD. *Thorax* 58: 399-404, 2003.
112. Corsico A, Milanese M, Baraldo S, Casoni GL, Papi A, Riccio AM, Cerveri I, Saetta M, **Brusasco V**. Small airway morphology and lung function in the transition from normality to chronic airway obstruction. *J Appl Physiol* 95: 441-447, 2003.
113. Pellegrino R, Dellacà R, Macklem PT, Aliverti A, Bertini S, Lotti P, Agostoni PG, Locatelli A, **Brusasco V**. Effects of rapid saline infusion on lung mechanics and airway responsiveness in humans. *J Appl Physiol* 95: 728-734, 2003.
114. Bricchetto L, Song P, Crimi E, Rehder K, **Brusasco V**. Modulation of cholinergic responsiveness through the β -adrenoceptor signal transmission pathway in bovine trachealis *J Appl Physiol* 95: 735-741, 2003.
115. **Brusasco V**, Pellegrino R. Complexity of factors modulating airway narrowing in vivo: relevance to assessment of airway hyperresponsiveness. *J Appl Physiol* 95: 1305-1313: 2003.
116. **Brusasco V**, Pellegrino R. Oxygen in the rehabilitation of patients with COPD: an old tool revisited. *Am J Respir Crit Care Med* 168: 1021-1022, 2003.
117. Spicuzza L, Ciancio N, Pellegrino R, Bellofiore S, Polosa R, Ricciardolo FL, **Brusasco V**, Di Maria GU. The effect of inhaled furosemide and acetazolamide on bronchoconstriction induced by deep inspiration in asthma. *Monaldi Arch Chest Dis* 59:150-154, 2003.
118. Bonini Se, **Brusasco V**, Carlsen K-H, Delgado L, Del Giacco Se, Haahtela T, Rasi G, van Cauwenberge PB. Diagnosis of asthma and permitted use of inhaled β_2 -agonists in athletes. (Commentary). *Allergy* 59: 33-36, 2004.
119. Cerveri I, Dore R, Corsico A, Zoia MC, Pellegrino R, **Brusasco V**, Pozzi E, Assessment of Emphysema in COPD: a Functional and Radiological Study *Chest* 125: 1714-1718, 2004.
120. Robertson HT, Pellegrino R, Pini D, Oreglia J, DeVita S, **Brusasco V**, Agostoni PG. Exercise response following rapid intravenous infusion of saline in healthy humans. *J Appl Physiol* 97: 697-703, 2004.
121. Bates J, Irvin C, **Brusasco V**, Drazen J, Fredberg J, Loring S, Eidelman D, Ludwig M, Macklem P, Martin J, Milic-Emili J, Hantos Z, Hyatt R, Lai-Fook S, Leff A, Solway J, Lutchen K, Suki B, Mitzner W, Pare P, Pride N, Sly P. The use and misuse of penh in animal models of lung disease. (Correspondence). *Am J Respir Cell Mol Biol* 31:373-374, 2004.
122. Milanese M, Peroni D, Costella S, Aralla R, Loiacono A, Barp C, Boner A, **Brusasco V**. Improved bronchodilator effect of deep inhalation after allergen avoidance in asthmatic children. *J Allergy Clin Immunol* 114: 505-511, 2004.
123. Bai TR, Bates JH, **Brusasco V**, Camoretti-Mercado B, Chitano P, Dowell M, Fabry B, Ford LE, Fredberg JJ, Gerthoffer WT, Gilbert SH, Gunst SJ, Hai CM, Halayko AJ, Hirst SJ, James AL, Janssen LJ, Jones KA, King GG, Lakser OJ, Lambert RK, Lauzon AM, Lutchen KL, Maksym GN, Meiss RA, Mitchell HW, Mitchell RW, Mitzner W, Murphy TM, Paré PD, Schellenberg RR, Seow CY, Sieck GC, Smith PG, Smolensky AV, Solway J, Stephens NL, Stewart AG, Tang DD, Wang L. On the terminology used for describing the length-force relationship and its changes in airway smooth muscle. *J Appl Physiol* 97: 2029-2034, 2004.
124. Pellegrino R, **Brusasco V**. Assessing airflow obstruction: when everything is not so obvious. *Respiration* 71: 557-558, 2004.
125. Salerno F, Pellegrino R, Trocchio G, Spanevello A, **Brusasco V**, Crimi E. Attenuation of induced-

- bronchoconstriction in healthy subjects: effects of breathing depth. *J Appl Physiol* 98: 817-821, 2005.
126. Milanese M, Riccio AM, Gamalero C, De Giovanni B, Bricchetto L, Baroffio M, Crimi E, **Brusasco V**, Canonica GW. A model of allergen driven human airway contraction: β_2 -pathway dysfunction without cytokine involvement. *Ann Allergy Asthma Immunol* 94 :273-278, 2005.
 127. Palange P, Crimi E, Pellegrino R, **Brusasco V**. Supplemental oxygen and heliox: "new" tools for exercise training in chronic obstructive pulmonary disease. *Curr Opin Pulm Med* 11: 145-148, 2005.
 128. **Brusasco V**, Crapo R, Viegi G. Coming together: the ATS/ERS consensus on clinical pulmonary function testing. *Eur Respir J* 26:1-2, 2005.
 129. Miller MR, Crapo R, Hankinson J, **Brusasco V**, Burgos F, Casaburi R, Coates A, Enright P, Grinten CP, Gustafsson P, Jensen R, Johnson DC, Macintyre N, McKay R, Navajas D, Pedersen OF, Pellegrino R, Viegi G, Wanger J. General considerations for lung function testing. *Eur Respir J* 26:153-161, 2005.
 130. Miller MR, Hankinson J, **Brusasco V**, Burgos F, Casaburi R, Coates A, Crapo R, Enright P, van der Grinten CP, Gustafsson P, Jensen R, Johnson DC, Macintyre N, McKay R, Navajas D, Pedersen OF, Pellegrino R, Viegi G, Wanger J. Standardisation of spirometry. *Eur Respir J* 26: 319-338, 2005.
 131. Wanger J, Clausen JL, Coates A, Pedersen O, **Brusasco V**, Burgos F, Casaburi R, Crapo R, Enright P, van der Grinten CP, Gustafsson P, Hankinson J, Jensen R, Johnson DC, Macintyre N, McKay R, Miller MR, Navajas D, Pellegrino R, Viegi G. Standardisation of the measurement of lung volumes. *Eur Respir J* 26: 511-522, 2005.
 132. MacIntyre N, Crapo RO, Viegi G, Johnson DC, van der Grinten CP, **Brusasco V**, Burgos F, Casaburi R, Coates A, Enright P, Gustafsson P, Hankinson J, Jensen R, McKay R, Miller MR, Navajas D, Pedersen OF, Pellegrino R, Wanger. Standardisation of the single-breath determination of carbon monoxide uptake in the lung. *Eur Respir J* 26: 720-735, 2005.
 133. Pellegrino R, Viegi G, **Brusasco V**, Crapo RO, Burgos F, Casaburi R, Coates A, van der Grinten CP, Gustafsson P, Hankinson J, Jensen R, Johnson DC, Macintyre N, McKay R, Miller MR, Navajas D, Pedersen OF, Wanger J. Interpretative strategies for lung function tests. *Eur Respir J* 26:948-968, 2005.
 134. **Brusasco V**, Crimi E, Baroffio M. Allergic airway inflammation and β -adrenoceptor dysfunction. *Cell Biochem Biophys* 44:129-138, 2006.
 135. Torchio R, Gulotta C, Ciacco C, Perboni A, Guglielmo M, Crosa F, Zerbini M, **Brusasco V**, Hyatt RE, Pellegrino R. Effects of chest wall strapping on mechanical response to methacholine in humans. *J Appl Physiol* 101: 430-438, 2006.
 136. Bonini S, Bonini M, Bousquet J, **Brusasco V**, Canonica GW, Carlsen KH, Corbetta L, Cummiskey J, Delgado L, Del Giacco SR, Haahtela T, Jaeger S, Moretti C, Palange P, Passalacqua G, Passali D, Pedersen BK, Popov T, Rasi G, Ventura MT, Vignola AM. Rhinitis and asthma in athletes: an ARIA document in collaboration with GALEN. *Allergy* 61:681-692, 2006.
 137. Rovati GE, Baroffio M, Citro S, Bricchetto L, Ravasi S, Milanese M, Crimi E, **Brusasco V**. Cysteinyl-leukotrienes in the regulation of β_2 -adrenoceptor function: an in vitro model of asthma. *Respiratory Research* 7:103, 2006.
 138. Baldi S, Fracchia C, Bruschi C, Dore R, Maestri R, **Brusasco V**, Pellegrino R. Effect of bronchodilatation on single breath pulmonary uptake of carbon monoxide in chronic obstructive pulmonary disease. *Int J Chron Obstruct Pulmon Dis.* 1:477-483, 2006.
 139. Meinerio M, Coletta G, Dutto L, Milanese M, Nova G, Sciolla A, Pellegrino RG, **Brusasco V**. Mechanical response to methacholine and deep inspiration in supine posture in men. *J Appl Physiol* 102: 269-275, 2007.
 140. An SS, Bai TR, Bates JHT, Black JL, Brown RH, **Brusasco V**, Chitano P, Deng L, Dowell M, Eidelman DH, Fabry B, Fairbank NJ, Ford LE, Fredberg JJ, Gerthoffer WT, Gilbert SH, Gosens R, Gunst SJ, Halayko AJ, Ingram RH, Irvin CG, James AL, Janssen LJ, King GG, Knight DA, Lauzon AM, Lakser OJ, Ludwig MS, Lutchen KR, Maksym GN, Martin JG, Mauad T, McParland BE, Mijailovich SM, Mitchell HW, Mitchell RW, Mitzner W, Murphy TM, Paré PD, Pellegrino R, Sanderson MJ, Schellenberg RR, Seow CY, Silveira PSP, Smith PG, Solway J, Stephens NL, Sterk PJ, Stewart AG, Tang DD, Tepper RS, Tran T, Wang L. Airway smooth muscle dynamics: a common pathway of airway obstruction in asthma. *Eur Respir J* 29: 834-860, 2007.
 141. Bonini S, Rasi G, **Brusasco V**, Carlsen KH, Crimi E, Popov T, Schultze-Werninghaus G, Gramiccioni C, Bonini M, Passali D, Bachert C, van Cauwenberge PB, Bresciani M, Bonini S, Calonge M, Montan PG, Serapiao Dos Santos M, Belfort R Jr, Lambiase A, Sacchetti M. Nonspecific provocation of target organs in allergic diseases: EAACI-GALEN consensus report. *Allergy* 62: 683-694, 2007.
 142. **Brusasco V**, Pellegrino R, Crimi E. Airway inflammation in COPD: friend or foe? *Am J Respir Crit*

- Care Med 176: 425-426, 2007.
143. Pellegrino R, **Brusasco V**. Commentary on "The role of the large airways on smooth muscle contraction in asthma". *J Appl Physiol* 103:1460, 2007.
 144. Crimi E, Saporiti R, Bartolini S, Baroffio M, Pellegrino R, **Brusasco V**. Airway responsiveness to methacholine and deep inhalations in subjects with rhinitis without asthma. *J Allergy Clin Immunol* 121:403-407, 2008.
 145. Cazzola M, MacNee W, Martinez FJ, Rabe KF, Franciosi LG, Barnes PJ, **Brusasco V**, Burge PS, Calverley PM, Celli BR, Jones PW, Mahler DA, Make B, Miravittles M, Page CP, Palange P, Parr D, Pistolesi M, Rennard SI, Rutten-van Mölken MP, Stockley R, Sullivan SD, Wedzicha JA, Wouters EF; American Thoracic Society; European Respiratory Society Task Force on outcomes of COPD. Outcomes for COPD pharmacological trials: from lung function to biomarkers. *Eur Respir J* 31: 416-469, 2008.
 146. Pistelli F, Bottai M, Carrozzi L, Pede FD, Baldacci S, Maio S, **Brusasco V**, Pellegrino R, Viegi G. Changes in obesity status and lung function decline in a general population sample. *Respir Med* 102: 674-680, 2008.
 147. Pellegrino R, **Brusasco V**, Viegi G, Crapo RO, Burgos F, Casaburi R, Coates A, van der Grinten CP, Gustafsson P, Hankinson J, Jensen R, Johnson DC, Macintyre N, McKay R, Miller MR, Navajas D, Pedersen OF, Wanger J. Definition of COPD: based on evidence or opinion? *Eur Respir J* 31:681-682, 2008.
 148. Carlsen KH, Anderson SD, Bjermer L, Bonini S, **Brusasco V**, Canonica W, Cummiskey J, Delgado L, Del Giacco SR, Drobic F, Haahtela T, Larsson K, Palange P, Popov T, van Cauwenberge P; European Respiratory Society; European Academy of Allergy and Clinical Immunology. Exercise-induced asthma, respiratory and allergic disorders in elite athletes: epidemiology, mechanisms and diagnosis: part I of the report from the Joint Task Force of the European Respiratory Society (ERS) and the European Academy of Allergy and Clinical Immunology (EAACI) in cooperation with GA2LEN. *Allergy* 63:387-403, 2008.
 149. Carlsen KH, Anderson SD, Bjermer L, Bonini S, **Brusasco V**, Canonica W, Cummiskey J, Delgado L, Del Giacco SR, Drobic F, Haahtela T, Larsson K, Palange P, Popov T, van Cauwenberge P; European Respiratory Society; European Academy of Allergy and Clinical Immunology. Treatment of exercise-induced asthma, respiratory and allergic disorders in sports and the relationship to doping: part II of the report from the Joint Task Force of the European Respiratory Society (ERS) and the European Academy of Allergy and Clinical Immunology (EAACI) in cooperation with GA2LEN. *Allergy* 63:492-505, 2008.
 150. Barisione G, Bacigalupo A, Crimi E, Lint MT, Lamparelli T, **Brusasco V**. Changes in lung volumes and airway responsiveness following haematopoietic stem cell transplantation. *Eur Respir J* 32:1576-1582, 2008.
 151. Baroffio M, Crimi E, **Brusasco V**. Airway smooth muscle as a model for new investigative drugs in asthma. *Ther Adv Respir Dis* 2008 2:129-139, 2008.
 152. Dinh-Xuan AT, **Brusasco V**. The ERJ in its 21st year of age: a smooth transition for an everlasting evolution. *Eur Respir J* 33:1-2, 2009.
 153. Bussotti M, Agostoni P, Durigato A, Santoriello C, Farina S, **Brusasco V**, Pellegrino R. Do Maximum Flow-Volume Loops Collected During Maximum Exercise Test Alter the Main Cardiopulmonary Parameters? *Chest* 135:425-433, 2009.
 154. G. Barisione, E. Crimi, S. Bartolini, R. Saporiti, F. Copello, R. Pellegrino, **V. Brusasco**. How to interpret reduced FEV₁/VC ratio with normal FEV₁. *Eur Respir J* 33:1396-1402, 2009.
 155. Pellegrino R, Pompilio PP, Innocenti Bruni G, Scano G, Crimi C, Biasco L, Coletta G, Cornara G, Torchio R, **Brusasco V**, Dellacà RL. Airway hyperresponsiveness with chest strapping: a matter of heterogeneity or reduced lung volume? *Respir Physiol Neurobiol* 166:47-53, 2009.
 156. Milanese M, Saporiti R, Bartolini S, Pellegrino R, Baroffio M, **Brusasco V**, Crimi E. Bronchodilator effects of exercise hyperpnea and albuterol in mild-to-moderate asthma. *J Appl Physiol* 107:494-499, 2009.
 157. Torchio R, Gobbi A, Gulotta C, Dellacà RL, Tinivella M, Hyatt RE, **Brusasco V**, Pellegrino R. Mechanical effects of obesity on airway responsiveness in otherwise healthy humans. *J Appl Physiol* 107:408-416, 2009.
 158. Dinh-Xuan AT, **Brusasco V**. Refining the changes. Or, how to modify the shape, not the spirit. *Eur Respir J*. 34:1, 2009.
 159. **Brusasco V**. Statistically significant or clinically useful? From population studies to patient care. *Eur Respir J* 34: 291-292, 2009.
 160. Baroffio M, Barisione G, Crimi E, **Brusasco V**. Non-inflammatory mechanisms of airway hyperresponsiveness in bronchial asthma: an overview. *Ther Adv Respir Dis* 3: 163-174, 2009

161. Miller MR, Pedersen OF, Pellegrino R, **Brusasco V**. Debating the definition of airflow obstruction: time to move on? *Eur Respir J* 34:291-292, 2009.
162. **Brusasco V**, Dinh-Xuan AT, Leff AR, Adler KB, Glenn RW, Dempsey JA, Levy ML, Panettieri R, Reddel HK, Singh D, Virchow JC. Impact factor and its role in academic promotion. *Eur Respir J* 34:1499-1500, 2009.
163. Pellegrino RG, Pompilio PP, Quaranta M, Aliverti A, Kayser B, Miserocchi GA, Fasano V, Cogo A, Milanese M, Cornara G, **Brusasco V**, Dellaca RL. Airway responses to methacholine and exercise at high altitude in healthy lowlanders. *J Appl Physiol* 108:256-265,2010.
164. **Brusasco V**, Dinh-Xuan AT. Stereology: a bridge to a better understanding of lung structure and function. *Eur Respir J* 35:477-478, 2010.
165. Scorsone D, Bartolini S, Saporiti R, Braido F, Baroffio M, Pellegrino R, **Brusasco V**, Crimi E. Do low-density gas mixtures and oxygen supplementation improve exercise training in COPD? *Chest* 138: 1133-1139, 2010.
166. Baldi S, Dellaca RL, Govoni L, Torchio R, Aliverti A, Pompilio PP, Corda L, Tantucci C, Gullotta C, **Brusasco V**, Pellegrino RG. Airway distensibility and volume recruitment with lung inflation in COPD. *J Appl Physiol* 109:1019-1026,2010.
167. Barisione G, Bacigalupo A, Crimi E, **Brusasco V**. Acute bronchodilator responsiveness in bronchiolitis obliterans syndrome following hematopoietic stem cell transplantation. *Chest* 139:633-639, 2010.
168. Calverley PM, Kuna P, Monsó E, Costantini M, Petruzzelli S, Sergio F, Varoli G, Papi A, **Brusasco V**. Beclomethasone/formoterol in the management of COPD: A randomised controlled trial. *Respir Med* 104: 1858-1868, 2010.
169. Cerveri I, **Brusasco V**. Revisited role for mucus hypersecretion in the pathogenesis of COPD. *Eur Respir Rev* 19:109-112, 2010.
170. Dinh-Xuan, AT, **Brusasco V**. The making of the ERJ: behind the scenes and Editors' cut . *Eur Respir J* 36: 4-5, 2010.
171. Enright P, **Brusasco V**. Counterpoint: should we abandon FEV₁/FVC < 0.70 to detect airway obstruction? Yes. *Chest* 138:1040-1042, 2010.
172. Enright P, **Brusasco V**. Rebuttal from Drs Enright and Brusasco. *CHEST* 138: 5: 1043-1044, 2010.
173. Miller MR, Hankinson J, **Brusasco V**, Burgos F, Casaburi R, Coates A, Enright P, van der Grinten C, Gustafsson P, Jensen R, Macintyre N, McKay RT, Pedersen OF, Pellegrino R, Viegi G, Wanger J. Standardisation of lung function testing: the authors' replies to readers' comments. *Eur Respir J* 36:1496-1498, 2010.
174. Braido F, Baiardini I, Menoni S, **Brusasco V**, Centanni S, Girbino G, Dal Negro R, Canonica GW. Asthma Management Failure: A Flaw in Physicians' Behavior or in Patients' Knowledge? *J Asthma* 48:266-274, 2011.
175. Vogelmeier C, Hederer B, Glaab T, Schmidt H, Rutten-van Mólken MP, Beeh KM, Rabe KF, Fabbri LM; POET-COPD Investigators. Tiotropium versus salmeterol for the prevention of exacerbations of COPD. *N Engl J Med* 24;364:1093-1103, 2011.
176. **Brusasco V**, Canonica GW, Negro RD, 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* 24:235-243, 2011.
177. Pellegrino R, Pellegrino GM, **Brusasco V**. CPAP as a novel treatment for bronchial asthma? *J Appl Physiol* 111:343-344, 2011.
178. Enright P, **Brusasco V**. Abandoning FEV₁/FV < 0.70 to Detect Airway Obstruction An Essential Debate but With the Right Emphasis? Response. *Chest* 139: 1254-1255, 2011.
179. Soriano JB, **Brusasco V**, Dinh-Xuan AT. The European Respiratory Journal makes COPD a priority. *Eur Respir J* 38:999-1001, 2011.
180. Winck JC, Morais A, Dinh-Xuan AT, **Brusasco V**. Editors and Editorialists: Rowing in the same boat. *Rev Port Pneumol* 17:241, 2011.
181. Migliori GB, Soriano JB, **Brusasco V**, Dinh-Xuan AT. ERJ peer reviewers: does this pillar of the Journal's quality need help? *Eur Respir J* 38: 251-252, 2011.
182. Baroffio M, Crimi E, Brichetto L, Zappi L, Rehder K, **Brusasco V**. Pre-junctional muscarinic autoreceptors in bovine airways. *Respir Physiol Neurobiol* 180: 45-51, 2012.
183. Rossi A, Centanni S, Cerveri I, Gulotta C, Foresi A, Cazzola M, **Brusasco V**. Acute effects of indacaterol on lung hyperinflation in moderate COPD: A comparison with tiotropium, *Respir Med* 106: 84-90, 2012.
184. **Brusasco V**. Spirometric definition of COPD: exercise in futility or factual debate? *Thorax* 67:569-570, 2012.

185. Gulotta C, Suki B, **Brusasco V**, Pellegrino R, Gobbi A, Pedotti A, Dellacà RL. Monitoring the temporal changes of respiratory resistance: a novel test for the management of asthma. *Am J Respir Crit Care Med* 185:1330-1331, 2012.
186. Antonelli A, Torchio R, Bertolaccini L, Terzi A, Rolfo F, Agostoni P, Gulotta C, **Brusasco V**, Pellegrino R. Contribution of β -adrenergic receptors to exercise-induced bronchodilatation in healthy humans. *Respir Physiol Neurobiol* 184:55-59, 2012.
187. Barisione G, Pompilio PP, Bacigalupo A, Brusasco C, Cioè A, Dellacà RL, Lamparelli T, Garlaschi A, Pellegrino R, **Brusasco V**. Airway distensibility with lung inflation after allogeneic haematopoietic stem-cell transplantation. *Respir Physiol Neurobiol* 184: 80-85, 2012.
188. Dinh-Xuan AT, **Brusasco V**, Wedzicha JA, Reeves E, Humbert M, Welte T, Bjermer L. ERS publications: the flagship and the fleet. *Eur Respir J* 40: 535-537, 2012.
189. Braido F, Baiardini I, Bordo A, Menoni S, Di Marco F, Centanni S, Girbino G, Dal Negro R, **Brusasco V**, Le LA, Canonica GW. Coping with asthma: is the physician able to identify patient's behaviour? *Respir Med* 106:1625-1630, 2012.
190. Dinh-Xuan AT, **Brusasco V**. The editors' farewell and a confident look back to the future. *Eur Respir J* 40:1309-1311, 2012.
191. Silvestri M, Crimi E, Oliva S, Senarega D, Tosca MA, Rossi GA, **Brusasco V**. Pulmonary function and airway responsiveness in young competitive swimmers. *Pediatr Pulmonol.* 48: 74-80, 2013.
192. Baroffio M, Crimi E, Rehder K, **Brusasco V**. Effects of κ - and μ -opioid agonists on cholinergic neurotransmission and contraction in isolated bovine trachealis. *Respir Physiol Neurobiol* 185: 281-286, 2013.
193. Cazzola M, **Brusasco V**, Centanni S, Cerveri I, De Michele F, Di Maria G, Palange P, Pellegrino R, Polverino M, Rossi A, Papi A. Project PriMo: Sharing principles and practices of bronchodilator therapy monitoring in COPD: A consensus initiative for optimizing therapeutic appropriateness among Italian specialists. *Pulm Pharmacol Ther* 26:218-228, 2013.
194. Cerveri I, Rossi A, **Brusasco V**. Look for comorbidities, but don't forget lung function. *Am J Respir Crit Care Med* 187:328-329, 2013.
195. Corradi F, Ball L, Brusasco C, Riccio AM, Baroffio M, Bovio G, Pelosi P, **Brusasco V**. Assessment of extravascular lung water by quantitative ultrasound and CT in isolated bovine lung. *Respir Physiol Neurobiol* 187:244-249, 2013.
196. Gobbi A, Pellegrino RG, Gulotta C, Antonelli A, Pompilio PP, Crimi C, Torchio R, Dutto L, Parola P, Dellacà RL, **Brusasco V**. Short-term variability of respiratory impedance and effect of deep breath in asthmatic and healthy subjects with airway smooth muscle activation and unloading. *J Appl Physiol.* 115: 708-715, 2013.
197. Baroffio M, Bricchetto L, Franco L, Crimi E, Rehder K, **Brusasco V**. Gz- and not Gi-proteins are coupled to pre-junctional μ -opioid receptors in bovine airways. *Respir Physiol Neurobiol*, 189: 162-166, 2013.
198. Antonelli A, Crimi E, Gobbi A, Torchio R, Gulotta C, Dellacà R, Scano G, **Brusasco V**, Pellegrino R. Mechanical correlates of dyspnea in bronchial asthma. *Physiol Rep* 1:2013 e00166, doi:10.1002/phy2.166.
199. Barisione G, Bacigalupo A, Brusasco C, Scanarotti C, Penco S, Bassi AM, Lamparelli T, Garlaschi A, Pellegrino R, **Brusasco V**. Mechanisms for reduced pulmonary diffusing capacity in haematopoietic stem-cell transplantation recipients. *Respir Physiol Neurobiol* 194:54-61, 2014.
200. Pellegrino R, **Brusasco V**, Miller MR. Question everything. *Eur Respir J* 43: 947-948, 2014.
201. **Brusasco V**, Martinez FJ. Chronic Obstructive Pulmonary Disease. *Compr Physiol* 4:1-31, 2014.
202. **Brusasco V**. Foreward. *COPD* 11:1, 2014.
203. **Brusasco V**. Pulmonary function studies: still a priority in COPD. *COPD* 11: 121-122, 2014.
204. Noble PB, McFawn PK, Mitchell HW, Ansell TK, Bates JH, Seow CY, **Brusasco V**, Pellegrino R, Skloot G, Toghias A, Scichilone N. Commentaries on Viewpoint: Airway smooth muscle and airway hyperresponsiveness in human asthma: Have we chased the wrong horse? *J Appl Physiol* 116:1116-1118, 2014.
205. Pellegrino RG, Gobbi A, Antonelli A, Torchio R, Gulotta C, Pellegrino GM, Dellacà RL, Hyatt RE, **Brusasco V**. Ventilation heterogeneity in obesity. *J Appl Physiol* 116:1175-1181, 2014.
206. Pellegrino R, Antonelli A, Crimi E, Gulotta C, Torchio R, Dutto L, Pedersen OF, **Brusasco V**. Dependence of bronchoconstrictor and bronchodilator responses on thoracic gas compression volume. *Respirology* 19:1040-1045, 2014.
207. Bettoncelli G, Blasi F, **Brusasco V**, Centanni S, Corrado A, De Benedetto F, De Michele F, Di Maria GU, Donner CF, Falcone F, Mereu C, Nardini S, Pasqua F, Polverino M, Rossi A, Sanguinetti CM. The clinical and integrated management of COPD. *Sarcoidosis Vasc Diffuse Lung Dis* 31:3609, 2014.

208. Braido F, Baiardini I, Lacedonia D, Facchini FM, Fanfulla F, Molinengo G, Canonica GW; on behalf of the Italian Society of Respiratory Medicine (SIMEr). Sleep Apnea Risk in Patients With Asthma With or Without Comorbid Rhinitis. *Respir Care* 59:1851-1856,2014
209. Pellegrino R, **Brusasco V**. Point: Is an Increase in FEV1 and/or FVC \geq 12% of Control and \geq 200 mL the Best Way to Assess Positive Bronchodilator Response? Yes. *Chest* 146:536-537, 2014.
210. Pellegrino R, **Brusasco V**. Rebuttal from drs Pellegrino and Brusasco. *Chest* 146:541-542, 2014.
211. Barisione G, Brusasco C, Garlaschi A, Crimi E, **Brusasco V**. Lung function testing in COPD: when everything is not so simple. *Respirology Case Reports* 2:141-143,2014.
212. **Brusasco V**, Barisione G, Crimi E. Pulmonary physiology: Future directions for lung function testing in COPD. *Respirology* 20:209-218, 2015.
213. Alpha1-antitrypsin deficiency: the contribution of national registries to the understanding of the disorder. A journal Supplement in memory of Professor Maurizio Luisetti. Miravittles M, **Brusasco V**. *COPD* 12:1-2, 2015.
214. Obesity and risks of misclassification and over-treatment in COPD. Enright PL, **Brusasco V**. *COPD* 12:3-4, 2015.
215. Pellegrino RG, Crimi E, Gobbi A, Torchio R, Antonelli A, Gulotta C, Baroffio MP, Sferazza Papa GF, Dellaca RL, **Brusasco V**. Severity grading of chronic obstructive pulmonary disease: the confounding effects of phenotype and thoracic gas compression. *J Appl Physiol* 118:796-802, 2015.
216. Corradi F, Brusasco C, Garlaschi A, Paparo F, Ball L, Santori G, Pelosi P, Altomonte F, Vezzani A, **Brusasco V**. Quantitative analysis of lung ultrasonography for the detection of community-acquired pneumonia: a pilot study. *Biomed Res Int*. 2015; Article ID 868707.
217. Quanjer PH, Ruppel G, **Brusasco V**, Pérez-Padilla R, Fragoso CA, Culver BH, Swanney MP, Miller MR, Thompson B, Morgan M, Hughes M, Graham BL, Pellegrino R, Enright P, Buist AS, Burney P. COPD (confusion over proper diagnosis) in the zone of maximum uncertainty. *Eur Respir J*. 46:1523-1524, 2015.
218. Barisione G, Brusasco C, Garlaschi A, Baroffio M, **Brusasco V**. Lung diffusing capacity for nitric oxide as a marker of fibrotic changes in idiopathic interstitial pneumonias. *J Appl Physiol* 120: 1029-1038, 2016.
219. **Brusasco V**, Pellegrino R, Miller MR. Arbitrary thresholds of natural variability and severity should not be used to diagnose chronic obstructive pulmonary disease. *BMJ* 352:i393,2016.
220. **Brusasco V**, Pellegrino R. Spirometry in Chronic Obstructive Pulmonary Disease. From Rule of Thumb to Science. *Am J Respir Crit Care Med* 193:704-706, 2016.
221. Corradi F, Brusasco C, Vezzani A, Santori G, Manca T, Ball L, Nicolini F, Gherli T, **Brusasco V**. Computer-aided quantitative ultrasonography for detection of pulmonary edema in mechanically ventilated cardiac surgery patients. *Chest* 150:640-651,2016.
222. Miller MR, **Brusasco V**. Risk of COPD in smokers with low transfer factor. *Eur Respir J* 47:1885-1886, 2016.
223. Corradi F, Brusasco C, **Brusasco V**. When, where, and how to use ultrasonography in patients with chronic obstructive pulmonary disease. *Arch Bronconeumol* 53: 229-230, 2017.
224. Miller MR, **Brusasco V**. Lung Function Abnormalities in Smokers with Ischemic Heart Disease. *Am J Respir Crit Care Med*. 2017 Jun 1;195(11):1536-1537
225. Graham BL, **Brusasco V**, Burgos F, G, Jensen R, Kendrick A, MacIntyre NR, Thompson BR, Wanger J. 2017 ERS/ATS standards for single-breath carbon monoxide uptake in the lung. *Eur Respir J* Jan 2017, 49 (1) 1600016 [<https://doi.org/10.1183/13993003.00016-2016>].
226. Graham BL, **Brusasco V**, Burgos F, G, Jensen R, Kendrick A, MacIntyre NR, Thompson BR, Wanger J. Executive summary: 2017 ERS/ATS standards for single-breath carbon monoxide uptake in the lung. *Eur Respir J* Jan 2017; 49: 16E0016 [<https://doi.org/10.1183/13993003.E0016-2016>].
227. Baroffio M, Barisione G, **Brusasco V**. Interactions between glycopyrronium and indacaterol on cholinergic neurotransmission and contractile response in bovine trachealis. *Respir Res* 18:145, 2017. doi: 10.1186/s12931-017-0627-5.
228. Magnussen H, Canepa M, Zambito PE, **Brusasco V**, Meinertz T, Rosenkranz S. What can we learn from pulmonary function testing in heart failure? *Eur J Heart Fail* 19: 1222-1229, 2017.
229. Graham BL, **Brusasco V**, Burgos F, Cooper BG, Jensen R, Kendrick A, MacIntyre NR, Thompson BR, Wanger J. D_{LCO} : adjust for lung volume, standardised reporting and interpretation. *Eur Respir J*. 2017 Aug 24;50(2). pii: 1701144. doi: 10.1183/13993003.01144-2017
230. Stanojevic S, Graham BL, Cooper BG, Thompson BR, Carter KW, Francis RW, Hall GL; Global Lung Function Initiative TLCO working group; Global Lung Function Initiative (GLI) TLCO (**Brusasco V**, Study Group member). Official ERS technical standards: Global Lung Function Initiative reference values for the carbon monoxide transfer factor for Caucasians. *Eur Respir J*. 2017 Sep 11;50(3). pii: 1700010. doi: 10.1183/13993003.00010-2017.

231. Fragoso CAV, Magnussen H, Miller MR, **Brusasco V**. Spirometry-based Diagnostic Criteria that are Not Age-appropriate Lack Clinical Relevance. *Am J Respir Crit Care Med*. 2017. doi: 10.1164/rccm.201709-1789LE.
232. Magnussen H, Vaz Fragoso CA, Miller MR, **Brusasco V**. Spirometry Variability Must Be Critically Interpreted before Negating a Clinical Diagnosis of Chronic Obstructive Pulmonary Disease. *Am J Respir Crit Care Med*. 2018;197(6):835-836.
233. Rogliani P, **Brusasco V**, Fabbri L, Ungar A, Muscianisi E, Barisone I, Corsini A, De Angelis G. Multidimensional approach for the proper management of a complex chronic patient with chronic obstructive pulmonary disease. *Expert Rev Respir Med*. 2018 Feb;12(2):103-112. doi: 10.1080/17476348.2018.1417041. Epub 2017 Dec 18.
234. Fragoso CAV, Magnussen H, Miller MR, **Brusasco V**. The Effect of Defining Chronic Obstructive Pulmonary Disease by the Lower Limit of Normal of FEV₁/FVC Ratio. *Ann Am Thorac Soc*. 2018 Mar 20. doi: 10.1513/AnnalsATS.201802-109LE.
235. Lederer DJ, Bell SC, Branson RD, Chalmers JD, Marshall R, Maslove DM, Ost DE, Punjabi NM, Schatz M, Smyth AR, Stewart PW, Suissa S, Adjei AA, Akdis CA, Azoulay É, Bakker J, Ballas ZK, Bardin PG, Barreiro E, Bellomo R, Bernstein JA, **Brusasco V**, Buchman TG, Chokroverty S, Collop NA, Crapo JD, Fitzgerald DA, Hale L, Hart N, Herth FJ, Iwashyna TJ, Jenkins G, Kolb M, Marks GB, Mazzone P, Moorman JR, Murphy TM, Noah TL, Reynolds P, Riemann D, Russell RE, Sheikh A, Sotgiu G, Swenson ER, Szczesniak R, Szymusiak R, Teboul JL, Vincent JL. [Control of Confounding and Reporting of Results in Causal Inference Studies: Guidance for Authors from Editors of Respiratory, Sleep, and Critical Care Journals](#). *Ann Am Thorac Soc*. 2018 Sep 19. doi: 10.1513/AnnalsATS.201808-564PS.

Selected book chapters

1. Rossi A, Ganassini A, **Brusasco V**. Airflow obstruction and dynamic hyperinflation. In: *Acute Severe Asthma: Assessment and Management*. C. Rodrigo, G. Rodrigo, J. Hall, T. Colebridge Eds. Mc Graw-Hill Publisher, 2000.
2. **Brusasco V**, Pellegrino R, Rodarte JR. Airway mechanics. In: *Respiratory Mechanics*. J. Milic-Emili Ed., *Eur Respir Mon* 1999, 12, pp. 68-91.
3. **Brusasco V**, Pellegrino R. Mechanics of ventilation. In: *Respiratory Medicine, Third Edition*. J. Gibson, D. Geddes, U. Costabel, P. Sterk, B. Corrin Eds. Harcourt Publisher, 2002, pp. 105-118.
4. **Brusasco V**. Airway physiology. In: *Mechanics of Breathing: Pathophysiology, Diagnosis and Treatment*. A. Aliverti, V. Brusasco, PT Macklem, A. Pedotti Eds. Springer-Verlag Italia 2002, pp. 25-33.
5. **Brusasco V**. Structure-to-function relationships in chronic obstructive pulmonary disease and asthma. In: *Mechanics of Breathing: Pathophysiology, Diagnosis and Treatment*. A. Aliverti, V. Brusasco, PT Macklem, A. Pedotti Eds. Springer-Verlag Italia, 2002, pp. 195-200.
6. Palange P, **Brusasco V**, Delgado L, Del Giacco S. Exercise and airway physiology: interactions with immune and allergic responses. In: *Diagnosis, Prevention and treatment of Exercise-Related Asthma, Respiratory and Allergic Disorders in Sports*. K-H Carlsen, L. Delgado, S. Del Giacco Eds. *Eur Respir Mon* 2005, 33, pp. 10-18.
7. Anderson SD, **Brusasco V**, Haatela T, Popov T. Criteria for diagnosis of asthma, EIB and AHR for athletes: lessons from the Olympic Games. In: *Diagnosis, Prevention and treatment of Exercise-Related Asthma, respiratory and Allergic Disorders in Sports*. K-H Carlsen, L. Delgado, S. Del Giacco Eds. *Eur Respir Mon*, 2005, 33, pp. 48-66.
8. Cumminskey J, Carlsen K-H, Kim K-Y, Feighery C, Gree A, Pigozzi F, Canonica GW, **Brusasco V**, Del Giacco S, Bonini S, Bonini M. Sports pulmonology. In: *The Olympic Textbook of Medicine in Sport*. MP Schwellnus Ed. Wiley-Blackwell, 2008, pp.268-301.
9. **Brusasco V**. Plates 2-8 to 2-13. In: *The Netter Collection of Medical Illustrations, 2nd Edition; Vol.3, Respiratory System*. Ed. David A. Kaminsky Elsevier Saunders, 2011, pp. 56-61.
10. **Brusasco V**. Pathophysiology of airflow obstruction. In: *Mechanics of breathing 2nd Ed*. A. Aliverti, A. Pedotti Eds. Springer-Verlag Italia, 2014, pp 37-51.

Books

1. Aliverti A, **Brusasco V**, Macklem Pt, Pedotti A Eds. *Mechanics of Breathing: Pathophysiology, Diagnosis and Treatment*. Springer-Verlag Italia 2002. pp. 1-371

