

Fulvio Braido

EDUCATION

Degree in Medicine and Surgery on 01/04/93 at the University of Genoa. Final mark: 110/110 with honors.

Qualified as Specialist in Respiratory Diseases and Phthiology at the Postgraduate Speciality School of Respiratory Diseases at the University of Genoa on 18th November 1997. Final mark: 50/50.

Qualified as Specialist in Allergology and Clinical Immunology at the Speciality School of Allergology and Clinical Immunology at the University of Genoa in 18th November 1997. Final mark: 50/50.

**PROFESSIONAL
EXPERIENCE**

From 1st November 1993 to 31st October 1997 Resident physician during the postgraduate course of Specialty in Respiratory Disease at the Respiratory Disease Department - University of Genoa.

From 1st March 1999 to 15th June 1999 Medical executive - Department of General Medicine – Hospital of Fossano - Azienda Unità Sanitaria Locale n° 17 (CN).

From 16th June 1999 to 30th April 2001 Medical executive -. Department of Internal Medicine - Hospital S. Croce e Carle of Cuneo from 16/06/1999 to 30/4/2001.

From 1st May 2001 to 14th December 2016 Medical executive of the Respiratory Diseases and Allergy – Department of Internal Medicine – University and Research Hospital “San Martino” of Genoa in charge of reasonability (Modulo C1 TP) for respiratory failure, lung ventilation and long term oxygen Therapy from 1st November 2011 to 31st December 2011; High professional responsibility for respiratory failure, lung ventilation and long term oxygen therapy from 1st January 2012 to 30th April 2014; Chief of Critical Area Unit for Chronic Respiratory Failure and Nocturnal Breathing Disorders from 1st May 2014 to 14th December 2016.

From 15th December
2016 and ongoing

Associate Professor of Respiratory Medicine - University of Genoa – Chief of Critical Area Unit for Chronic Respiratory Failure and Nocturnal Breathing Disorders - University and Research Hospital “San Martino” of Genoa.

TEACHING ACTIVITY

Contract professor for the course of “Respiratory Diseases” – Postgraduate Specialty School of Respiratory Diseases - University of Genoa - from 2001 till now

Contract professor for the course of “Respiratory Diseases” - Course of applied nursing techniques - University Diploma of Nursing - University of Genoa - 2001/2002

Contract professor for the course of “Respiratory Diseases” - Integrated course of Clinical Nursing in Medicine and Surgery (interdisciplinary) - University of Genoa - 2002/2003, 2003/2004, 2004/2005, 2005/2006, 2006/2007, 2007/2008, 2008/2009, 2009/2010, 2010/2011, 2011/2012

Contract professor for the course of “Inflammatory Lung Disorders”, adjunct course of the Official Course of Respiratory Diseases, at the Bachelor’s Degree Course in Medicine and Surgery, University of Genoa 2003/2004, 2004/2005, 2005/2006, 2006/2007, 2007/2008, 2008/2009.

Contract professor for the course of “Inflammatory Lung Disorders”, adjunct course of the Official Course of Respiratory Diseases, at the Master’s Degree Course in Medicine and Surgery, University of Genoa 2009/2010, 2010/2011, 2011/2012, 2012/2013.

Professor for the course of "Respiratory Diseases" - Course of general and specialized medicine applied to rehabilitation - Degree in Physiotherapy - University of Genoa. 2013/2014, 2014/2015, 2015/2016.

Lecturer for the Master in "Marketing Management in the Pharmaceutical Sector" of the Faculty of Pharmacy, University of Pavia - 2005/2006, 2006/2007, 2007/2008, 2008/2009, 2009/2010, 2010/2011, 2011/2012.

PUBLICATIONS

1.Valenti S, Vignolo C, Benevolo E, Braido F. Mixed infection by Staphylococcus and Candida, and Wegener's granulomatosis. **Monaldi Arch Chest Dis.** 1996 Oct;51(5):387-90.

2.Passalacqua G, Venturi S, Zoccali P, Braido F, Ghiazza P, Mincarini M, Canonica GW. Oral and sublingual immunotherapy: general aspects and critical considerations. **Wien Med Wochenschr.** 1999;149(14-15):433-7.

3.Baiardini I, Pasquali M, Giardini A, Specchia C, Passalacqua G, Venturi S, Braido F, Bonini S, Majani G, Canonica GW. Rhinasthma: a new specific QoL questionnaire for patients with rhinitis and asthma. **Allergy.** 2003

Apr;58(4):289-94

4. Baiardini I, Giardini A, Pasquali M, Dignetti P, Guerra L, Specchia C, Braido F, Majani G, Canonica GW. Quality of life and patients' satisfaction in chronic urticaria and respiratory allergy. *Allergy*. 2003 Jul;58(7):621-3.

5. Baiardini I, Braido F, Fassio O, Tarantini F, Pasquali M, Tarchino F, Berlendis A, Canonica GW. A new tool to assess and monitor the burden of chronic cough on quality of life: Chronic Cough Impact Questionnaire. *Allergy*. 2005 Apr;60(4):482-8.

6. Braido F, Pasquali M, Baiardini I, Compalati E, Passalacqua G, Canonica GW. Continuing medical education. The point of view of asthmatic patients at the beginning of a mandatory CME system. *J Investig Allergol Clin Immunol*. 2004;14(4):274-7.

7. Braido F, Popov T, Ansotegui IJ, Gayraud J, Nekam KL, Delgado JL, Malling HJ, Olson S, Larchè M, Negri A, Canonica GW; EAACI CME Accreditation Committee. Continuing Medical Education: an international reality. *Allergy*. 2005 Jun;60(6):739-42.

8. Braido F, Zolezzi A, Stea F, Canonica GW, Perotti L, Cavallero GB, Genovese E, Gozzoli L. Bilateral Gasser's ganglion sarcoidosis: diagnosis, treatment and unsolved questions. *Sarcoidosis Vasc Diffuse Lung Dis*. 2005 Mar;22(1):75-7.

9. Baiardini I, Pasquali M, Braido F, Fumagalli F, Guerra L, Compalati E, Braga M, Lombardi C, Fassio O, Canonica GW. A new tool to evaluate the impact of chronic urticaria on quality of life: chronic urticaria quality of life questionnaire (CU-QoL). *Allergy*. 2005 Aug;60(8):1073-8.

10. Braido F, Brandi S, Cauglia S, Canonica GW. Overview of novel therapeutic targets for asthma and chronic obstructive pulmonary disease. *Expert Rev Clin Immunol*. 2005 Jul;1(2):263-75.

11. Baiardini I, Fumagalli F, Braido F, Pasquali M, Canonica GW. Antiallergic drugs and quality of life. *Expert Rev Pharmacoecon Outcomes Res*. 2005 Aug;5(4):437-45

12. Braido F, Baiardini I, Tarantini F, Fassio O, Balestracci S, Pasquali M, Tarchino F, Canonica GW. Chronic cough and QoL in allergic and respiratory diseases measured by a new specific validated tool-CCIQ. *J Investig Allergol Clin Immunol*. 2006;16(2):110-6.

13. Baiardini I, Braido F, Giardini A, Majani G, Cacciola C, Rogaku A, Scordamaglia A, Canonica GW. Adherence to treatment: assessment of an unmet need in asthma. *J Investig Allergol Clin Immunol*. 2006;16(4):218-23.

14. Baiardini I, Braido F, Cauglia S, Canonica GW. Sleep disturbances in allergic diseases. *Allergy*. 2006 Nov;61(11):1259-67.

15. Baiardini I, Braido E, Brandi S, Canonica GW. Allergic diseases and their impact on quality of life. **Ann Allergy Asthma Immunol.** 2006 Oct;97(4):419-28.
16. Braido E, Baiardini I, Brandi S, Porcu A, Canonica GW. Allergic rhinitis and asthma ad hoc survey: clinical and psychological perspectives. **Clin Exp Allergy.** 2007 May;37(5):788-93.
17. Tarantini F, Baiardini I, Passalacqua G, Braido F, Canonica GW. Asthma treatment: 'magic bullets which seek their own targets'. **Allergy.** 2007 Jun;62(6):605-10.
18. Tarantini F, Braido F, Baiardini I, Fumagalli F, Passalacqua G, Canonica GW. Targeted therapy for allergic asthma: predicting and evaluating response to omalizumab. **Expert Rev Clin Immunol.** 2007 Jul;3(4):463-7.
19. Braido F, Riccio AM, Guerra L, Gamalero C, Zolezzi A, Tarantini F, De Giovanni B, Folli C, Descalzi D, Canonica GW. Clara cell 16 protein in COPD sputum: a marker of small airways damage? **Respir Med.** 2007 Oct;101(10):2119-24.
20. Braido F, Tarantini F, Ghiglione V, Melioli G, Canonica GW. Bacterial lysate in the prevention of acute exacerbation of COPD and in respiratory recurrent infections. **Int J Chron Obstruct Pulmon Dis.** 2007;2(3):335-45.
21. Baiardini I, Braido F, Tarantini F, Porcu A, Bonini S, Bousquet PJ, Zuberbier T, Demoly P, Canonica GW; GA2LEN. ARIA-suggested drugs for allergic rhinitis: what impact on quality of life? A GA2LEN review. **Allergy.** 2008 Jun;63(6):660-9.
22. Braido F, Bellotti M, De Maria A, Cazzola M, Canonica GW. The role of Pneumococcal vaccine. **Pulm Pharmacol Ther.** 2008 Aug;21(4):608-15.
23. Baiardini I, Braido F, Brandi S, Tarantini F, Bonini S, Bousquet PJ, Zuberbier T, Demoly P, Canonica GW. The impact of GINA suggested drugs for the treatment of asthma on Health-Related Quality of Life: a GA(2)LEN review. **Allergy.** 2008 Aug;63(8):1015-30.
24. Braido F, Lagasio C, Piroddi I, Baiardini I, Canonica G. New treatment options in allergic rhinitis: patient considerations and the role of ciclesonide. Ther Clin Risk Manag. 2008 Apr;4(2):353-61.
25. Braido F, Baiardini I, Balestracci S, Fassio O, Ravera S, Bellotti M, Canonica GW. The relationship between asthma control and quality-of-life impairment due to chronic cough: a real-life study. **Ann Allergy Asthma Immunol.** 2008 Oct;101(4):370-4.
26. Braido F, Canonica GW. Worldwide differences on the concept of control

of asthma. **Ther Adv Respir Dis.** 2008 Feb;2(1):3-5.

27. Braido F, Baiardini I, Balestracci S, Ghiglione V, Stagi E, Ridolo E, Nathan R, Canonica GW. Does asthma control correlate with quality of life related to upper and lower airways? A real life study. **Allergy.** 2009 Jun;64(6):937-43.

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29. Baiardini I, Braido F, Bonini M, Compalati E, Canonica GW. Why do doctors and patients not follow guidelines? **Curr Opin Allergy Clin Immunol.** 2009 Jun;9(3):228-33.

30. Braido F, Baiardini I, Ghiglione V, Fassio O, Bordo A, Cauglia S, Canonica GW. Sleep disturbances and asthma control: a real life study. **Asian Pac J Allergy Immunol.** 2009 Mar;27(1):27-33.

31. Baiardini I, Bousquet PJ, Brzoza Z, Canonica GW, Compalati E, Fiocchi A, Fokkens W, van Wijk RG, La Grutta S, Lombardi C, Maurer M, Pinto AM, Ridolo E, Senna GE, Terreehorst I, Bom AT, Bousquet J, Zuberbier T, Braido F; Global Allergy and Asthma European Network. Recommendations for assessing patient-reported outcomes and health-related quality of life in clinical trials on allergy: a GA(2)LEN taskforce position paper. **Allergy.** 2010 Mar;65(3):290-5.

32. Braido F, Baiardini I, Stagi E, Piroddi MG, Balestracci S, Canonica GW. Unsatisfactory asthma control: astonishing evidence from general practitioners and respiratory medicine specialists. **J Investig Allergol Clin Immunol.** 2010; 20(1):9-12.

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35. Scorsone D, Bartolini S, Saporiti R, Braido F, Baroffio M, Pellegrino R, Brusasco V, Crimi E. Does a low-density gas mixture or oxygen supplementation improve exercise training in COPD? **Chest.** 2010 Nov;138(5):1133-9.

36. Villa E, Garelli V, Braido F, Melioli G, Canonica GW. May we strengthen the

human natural defenses with bacterial lysates? **World Allergy Organ J.** 2010 Aug;3(8 Suppl):S17-23

37.Scichilone N, Arrigo R, Paternò A, Santagata R, Impellitteri S, Braido F, Baiardini I, Battaglia S, Walter Canonica G, Bellia V. The effect of intranasal corticosteroids on asthma control and quality of life in allergic rhinitis with mild asthma. **J Asthma.** 2011 Feb;48(1):41-7.

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39.Baiardini I, Braido F, Ferraioli G, Menoni S, Bruzzone M, Conte ME, Gani F, Ridolo E, Scordamaglia A, Canonica GW. Pitfalls in respiratory allergy management: alexithymia and its impact on patient-reported outcomes. **J Asthma.** 2011 Feb;48(1):25-32.

40.Baiardini I, Villa E, Rogkakou A, Pellegrini S, Bacic M, Compalati E, Braido F, Le Grazie C, Canonica GW, Passalacqua G. Effects of mometasone furoate on the quality of life: a randomized placebo-controlled trial in persistent allergic rhinitis and intermittent asthma using the Rhinasthma questionnaire. **Clin Exp Allergy.** 2011 Mar;41(3):417-23.

41.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.** 2011 Apr;48(3):266-74.

42.**Braido F**, Baiardini I, Menoni S, Bagnasco AM, Balbi F, Bocchibianchi S, Balestracci S, Piroddi MG, Canonica GW. Disability in COPD and its relationship to clinical and patient-reported outcomes. **Curr Med Res Opin.** 2011 May;27(5):981-6.

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44.Baiardini I, Braido F, Fassio O, Calia R, Giorgio WC, Romano A; DrHy-Q

PROs Research Italian Group. Development and validation of the Drug Hypersensitivity Quality of Life Questionnaire. **Ann Allergy Asthma Immunol.** **2011** Apr;106(4):330-5. Erratum in: *Ann Allergy Asthma Immunol.* 2011 Jul;107(1):91.

45. Baiardini I, Minetti C, Bonifacino S, Porcu A, Klersy C, Petralia P, Balestracci S, Tarchino F, Parodi S, Canonica GW, Braido F. Quality of life in Duchenne muscular dystrophy: the subjective impact on children and parents. **J Child Neurol.** **2011** Jun;26(6):707-13.

46. Baiardini I, Abbà S, Ballauri M, Vuillermoz G, Braido F. Alexithymia and chronic diseases: the state of the art. **G Ital Med Lav Ergon.** **2011** Jan-Mar;33(1 Suppl A):A47-52.

47. Braido F, Baiardini I, Balestracci S, Menoni S, Balbi F, Ferraioli G, Bocchibianchi S, Canonica GW. Chronic obstructive pulmonary disease patient well-being and its relationship with clinical and patient-reported outcomes: a real-life observational study. **Respiration.** **2011**;82(4):335-40.

48. Braido F, Baiardini I, Compalati E, Bordo A, Canonica GW. Towards the Grade of Recommendations, Assessment, Development and Evaluation system: methods and results of budesonide/formoterol maintenance and reliever therapy research. **Curr Opin Allergy Clin Immunol.** **2011** Aug;11(4):361-74.

49. Braido F, Baiardini I, Lagasio C, Sclifò F, Canonica GW. Allergic rhinitis in asthma. **Panminerva Med.** **2011** Jun;53(2):97-107.

50. Compalati E, Baena-Cagnani R, Penagos M, Badellino H, Braido E, Gómez RM, Canonica GW, Baena-Cagnani CE. Systematic review on the efficacy of fexofenadine in seasonal allergic rhinitis: a meta-analysis of randomized, double-blind, placebo-controlled clinical trials. **Int Arch Allergy Immunol.** **2011**;156(1):1-15.

51. Braido F, Schenone G, Pallestrini E, Reggiardo G, Cangemi G, Canonica GW, Melioli G. The relationship between mucosal immunoresponse and clinical outcome in patients with recurrent upper respiratory tract infections treated with a mechanical bacterial lysate. **J Biol Regul Homeost Agents.** **2011** Jul-Sep;25(3):477-85.

52. Braido F, Baiardini I, Menoni S, Gani F, Senna GE, Ridolo E, Schoepf V, Rogkakou A, Canonica GW. Patients with asthma and comorbid allergic rhinitis: is optimal quality of life achievable in real life? **PLoS One.** **2012**;7(2):e31178.

53. Baldacci S, Maio S, Simoni M, Cerrai S, Sarno G, Silvi P, Di Pede F, Borbotti M, Pala AP, Bresciani M, Viegi G; ARGAs study group. The ARGAs study with general practitioners: impact of medical education on asthma/rhinitis management. **Respir Med.** **2012** Jun;106(6):777-85.

54. Braido F, Bagnasco D, Scichilone N, Santus P, Solidoro P, Di Marco F, Corsico A, Canonica GW. Biomarkers in obstructive respiratory diseases: an update. **Panminerva Med.** 2012 Jun;54(2):119-27.

55. Folli C, Chiappori A, Pellegrini M, Garelli V, Riccio AM, De Ferrari L, Braido E, Canonica GW. COPD treatment: real life and experimental effects on peripheral NK cells, their receptors expression and their IFN- γ secretion. **Pulm Pharmacol Ther.** 2012 Oct;25(5):371-6.

56. Braido E, Riccio AM, Rogkakou A, Massacane P, Guerra L, Fumagalli F, Stagi E, Balestracci S, Porcu A, Canonica GW. Montelukast effects on inflammation in allergic rhinitis: a double blind placebo controlled pilot study. **Eur Ann Allergy Clin Immunol.** 2012 Apr;44(2):48-53.

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58. Braido F, Baiardini I, Stagi E, Scichilone N, Rossi O, Lombardi C, Ridolo E, Gani F, Balestracci S, Girbino G, Senna GE, Bordo A, Church MK, Canonica GW. RhinAsthma patient perspective: a short daily asthma and rhinitis QoL assessment. **Allergy.** 2012 Nov;67(11):1443-50.

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60. 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.** 2012 Dec;106(12):1625-30.

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El-Gamal Y, El-Meziane A, Emuzyte R, Fiocchi A, Fletcher M, Fukuda T, Gamkrelidze A, Gereda JE, González Diaz S, Gotua M, Guzmán MA, Hellings PW, Hellquist-Dahl B, Horak F, Hourihane JO, Howarth P, Humbert M, Ivancevich JC, Jackson C, Just J, Kalayci O, Kaliner MA, Kalyoncu AF, Keil T, Keith PK, Khayat G, Kim YY, Koffi N'goran B, Koppelman GH, Kowalski ML, Kull I, Kvedariene V, Larenas-Linnemann D, Le LT, Lemièrre C, Li J, Lieberman P, Lipworth B, Mahboub B, Makela MJ, Martin F, Marshall GD, Martinez FD, Masjedi MR, Maurer M, Mavale-Manuel S, Mazon A, Melen E, Meltzer EO, Mendez NH, Merk H, Mihaltan F, Mohammad Y, Morais-Almeida M, Muraro A, Nafti S, Namazova-Baranova L, Nekam K, Neou A, Niggemann B, Nizankowska-Mogilnicka E, Nyembue TD, Okamoto Y, Okubo K, Orru MP, Ouedraogo S, Ozdemir C, Panzner P, Pali-Schöll I, Park HS, Pigearias B, Pohl W, Popov TA, Postma DS, Potter P, Rabe KF, Ratomaharo J, Reitamo S, Ring J, Roberts R, Rogala B, Romano A, Roman Rodriguez M, Rosado-Pinto J, Rosenwasser L, Rottem M, Sanchez-Borges M, Scadding GK, Schmid-Grendelmeier P, Sheikh A, Sisul JC, Solé D, Sooronbaev T, Spicak V, Spranger O, Stein RT, Stoloff SW, Sunyer J, Szczeklik A, Todo-Bom A, Toskala E, Tremblay Y, Valenta R, Valero AL, Valeyre D, Valiulis A, Valovirta E, Van Cauwenberge P, Vandenplas O, van Weel C, Vichyanond P, Viegi G, Wang DY, Wickman M, Wöhrl S, Wright J, Yawn BP, Yiallourous PK, Zar HJ, Zernotti ME, Zhong N, Zidarn M, Zuberbier T, Burney PG, Johnston SL, Warner JO; World Health Organization Collaborating Center for Asthma and Rhinitis. Allergic Rhinitis and its Impact on Asthma (ARIA): achievements in 10 years and future needs. *J Allergy Clin Immunol.* 2012 Nov;130(5):1049-62. Erratum in: *J Allergy Clin Immunol.* 2013 Feb;131(2):618.

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H-Index (Google Scholar): 27

i10-index (Google Scholar): 56

Citations (Google Scholar): 2512

Scopus Cited documents: 140.

H-index Scopus: 21.

Overall Citations (Scopus) : 1912

NATIONAL AND INTERNATIONAL SCIENTIFIC SOCIETIES INVOLVEMENT

Chairman of the Continuing Medical Education Committee of European Academy of Allergy & Clinical Immunology.

Executive Committee Member of Italian Respiratory Society.

Executive Committee Member of European Academy of Allergy and Clinical Immunology.

Member of European Accreditation Board in Allergology and Clinical Immunology (EBAACI).

Executive Vice-President of Interasma (International Society of Asthmology).

Collaborator of MASK-rhinitis (MACVIA-ARIA) Sentinel Network MASK-rhinitis (MACVIA-ARIA Sentinel Network) parte del Action Plan B3 of the European

Innovation Partnership on Active and Healthy Ageing (EIP on AHA).

**COMMUNICATION
AND EDITORIAL
ACTIVITY**

Speakers in more than 300 national and international meeting

Chair of PNEUMOTECH (Scuola di Perfezionamento in Tecnologia Applicata alla Pneumologia) 2004-2012.

Chair of Respiratory Critical Care Work Shadowing meetings held in Genoa 2011, 2012, 2015, 2016.

Co-Chairman Highlights in Allergy & Respiratory Diseases Congress 2013-2016.

Member of the working group for Italian asthma, COOD and rhinitis guidelines updating from 2004.

Editorial board member of Journal of Allergy & Therapy, Biomed research international, Canadian Respiratory Journal, Clinical and Translational Allergy, Journal of European CME, Journal of Allergy & Therapy.

Associate editor of COPD Research & Practice.

Editor in Chief of Asthma Research & Practice.

**SCIENTIFIC
RESEARCH**

"Disability in moderate COPD patients and its relationship with comorbidities and patients reported outcomes". Principal Investigator.

"Satisfaction and Adherence to COPD Treatment" SAT-COPD Italian observational study. Prot 1237.51 SAT. Principal Investigator.

"Evaluation of sleep quality in asthma patient and the relationship with PROs". Principal Investigator.

Prot. NB19751 "A Double-Blind Placebo Controlled Efficacy (as assessed by post-bronchodilator FEV 1) and Safety Study of 5 mg RO3300074 once daily for 2 years in Subjects with Smoking-Related, Moderate-to-Severe COPD with Emphysema Receiving Concurrent Optimal COPD Drug Therapy".

Prot. D5890L00022 "Local Phase 4 Pan-European SMART Study".

Prot. MC/PR/033004/002/06 "Multicentre, multinational, randomized double blind, double dummy, active drug controlled parallel group study design clinical trial of the efficacy and tolerability of beclomethasone dipropionate

2050mcg plus salbutamol 100mcg in HFA pMDI fixed combination vs. Beclomethasone dipropionate 250mcg plus salbutamol 100mcg in CFC pMDI (Clenil Compositum 250) fixed combination in a 12 week treatment period of adult patients with uncontrolled asthma”.

Prot. OPL104226 “Observational Study Of An Electronic Questionnaire In Patients With Chronic Obstructive Pulmonary Disease (COPD)”.

Prot. BY217/M2-127 “Effect of Roflumilast on Lung Function in Chronic Obstructive Pulmonary Disease (COPD) Patients Treated With Salmeterol: The EOS Study”.

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Prot. 265 MK0476-265-0 “MK0476 Study in Adult Patients With Perennial Allergic Rhinitis”.

European project- 6th framework program. FOOD-CT-2004-506378 (NOE) GA2LEN “Global Allergy and Asthma European Network”

Prot. M/34273/34 “Efficacy and safety of acridinium bromide at two dose levels vs placebo when administered to patients with moderate to severe chronic obstructive pulmonary disease (COPD)”.

Prot. M/40464/30 LAC30 “Almirall M/40464/30 A phase III double-blind, randomized, parallel group, multicentre study, to investigate the efficacy and safety of an acridinium bromide/ formoterol fumarate fixed dose combination compared with each individual component and placebo when administered to patients with stable chronic obstructive pulmonary disease (COPD)”.

Prot. HZC102871 Horizon “A 52-week efficacy and safety study to compare the effect of three dosage strengths of Fluticasone Furoate/GW642444 Inhalation Powder with GW642444 on the Annual Rate of Exacerbations in Subjects with Chronic Obstructive Pulmonary Disease (COPD)”.

Prot. CQAB149B2348 “A phase IIIb multicenter, 52 week treatment, randomized, blinded, double dummy, parallel group efficacy study comparing the effect of inhaled indacaterol 150 mcg o.d. vs inhaled tiotropium 18 mcg o.d. on lung function, rate of exacerbations and related outcomes in patients with COPD”.

Prot. CQMF149B2201 “A Dose Ranging Trial of 4 Doses of Indacaterol Delivered Via Twisthaler in Patients With Chronic Obstructive Pulmonary Disease (COPD)”.

Prot. BV2007/02 “Multicentre, double-blind, placebo-controlled, randomised

clinical study of Broncho-Vaxom® (Broncho-Munal®) for the protection from acute exacerbations of COPD”.

Prot. PIRRI/CT/001 “ISMIGEN – AIACE: Advanced immunological approach in COPD exacerbation”.

CQAB149B2401 “Comparison of Indacaterol 150 µg Once Daily (o.d.) With Salmeterol/Fluticasone Propionate 50 µg/500 µg Twice Daily (b.i.d.)”.

Prot. CD-ID-MEDI-557-1089 “An Observational Study to Assess RSV-associated Illness in Adults With COPD and/or CHF.

Prot. RO-2455-404-RD “Roflumilast in Chronic Obstructive Pulmonary Disease (COPD) Patients Treated With Fixed Combinations of Long-acting β 2-agonists (LABA) and Inhaled Glucocorticosteroid (ICS).

Prot. LAN-BR-11-001 “Clinical study on the efficacy and tolerability of an immunostimulant based on bacterial lysates (LANTIGEN B) in the prophylaxis of respiratory infections, with particular reference to patients with allergy to perennial inhalant. Double-blind study versus placebo, randomized, multi-center”.

Prot. D5896C00027 “A 6 Month Safety Study Comparing Symbicort With Inhaled Corticosteroid Only in Asthmatic Adults and Adolescents “

Respiratory allergies: GINA and ARIA guidelines monitoring project(ARGA). AIFA Ministry of Health.

Project: "Amyotrophic lateral sclerosis (ALS) and severe neuromuscular diseases: from molecular mechanisms to taking charge of the patient". Regione Liguria.

Prot. CCD05993AA1-08 TRIBUTE “a 52 week double blind, double dummy, randomized, multinational, multicentre, 2-arm parallel group, active controlled clinical trial of fixed combination of beclomethasone dipropionate plus formoterol fumarate plus glycopyrronium bromide administered via PMDI (CHF5993) versus indacaterol/glycopyrronium (ULTIBRO) via DPI in patients with COPD.

Prot. MBTC 206 “Phase II A, two-part, randomized, multicenter, international, double-blind, placebo-controlled parallel group study aimed to assess efficacy and safety of BTC197 added to the standard of care for the treatment of COPD exacerbation requiring hospitalization in adults ”.

Prot. D3251C00003 Randomised, Double-blind, 56 Week Placebo-controlled, Parallel Group, Multicentre, Phase 3 Study to Evaluate the Efficacy and Safety of 2 Doses of Benralizumab(MEDI-563) in Patients With Moderate to Very Severe COPD with a History of Exacerbations (“Galathea”).

**RESEARCH
INTERESTS**

Evaluation of Patient Reported Outcomes (PROs) in patients with respiratory and allergic diseases.

Development and validation of tools for the evaluation of PROs in respiratory and allergic diseases.

Development and carrying out studies in real-life for the evaluation of cognitive, psychological and behavioral in the management of respiratory diseases (asthma, cystic fibrosis, COPD).

Assessment of bacterial lysates / drugs clinical and immunological changes in patients with recurrent respiratory infectious diseases, asthma and COPD.

Relationship between sleep apnea and obstructive airways diseases.

30th March 2017