

Fulvio Braido

Personal data

Name, Surname: Fulvio Braido

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Employer: University of Genoa

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Present Post: Associate Professor in Respiratory Diseases at the Department of Internal Medicine and Medical Specialties (DIMI) University of Genoa, Italy
Head of Respiratory for continuity of care - IRCCS Ospedale Policlinico San Martino di Genova.
Head of Respiratory and Allergy Clinic- Ospedale Policlinico IRCCS San Martino di Genova.

Background qualifications and University degrees:

- Graduated in Medicine and Surgery on 01/04/93 at the University of Genoa with final mark: 110/110 with honours.
- Qualified as Specialist in Respiratory Diseases at the Postgraduate Speciality School of Respiratory Diseases of 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 in 18th November 1997 (Final mark: 50/50).

Working and Teaching activities:

- From 1st November 1993 to 31st October 1997 resident physician at the Respiratory Disease Department - University of Genoa.
- 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
- From July 1st 2020 Head of Respiratory for continuity of care – IRCCS Ospedale Policlinico San Martino di Genova.
- From January 1st 2023 till now Acting Director of Respiratory and Allergy Clinic- IRCCS Ospedale Policlinico San Martino di Genova.
- Teaching activities performed before the appointment of the title of Associate Professor:
 - o Contract professor for the course of “Respiratory Diseases” – Postgraduate Specialty School of Respiratory Diseases - University of Genoa - from 2001 till now
 - o Contract professor for the course of “Respiratory Diseases” - Course of applied nursing techniques - University Diploma of Nursing - University of Genoa - 2001/2002
 - o 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
 - o 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.
 - o 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.
 - o 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.
 - o 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.

Involvement in Scientific Societies and international bodies

Current president of Global Asthma Association - Interasma (2022-2024)

Current Secretary of Asthma working Group of Italian Respiratory Society (2022-2024)

Member of the European Respiratory Society and European Academy of Allergy and Clinical Immunology

Collaborator of MASK-rhinitis (MACVIA-ARIA) Sentinel Network MASK-rhinitis (MACVIA-ARIA Sentinel Network) part of the Action Plan B3 of the European Innovation Partnership on Active and Healthy Ageing (EIP on AHA).

Scientific committee chair of mild/moderate asthma network of Italy project (MANI)

Scientific activity

Author of 232 scientific papers cited in Pubmed

Scopus metrics: H-index 39; Overall Citations 6,267

Scientific production:

- 232: Bousquet J, Shamji MH, Anto JM, Schünemann HJ, Canonica GW, Jutel M, Del Giacco S, Zuberbier T, Pfaar O, Fonseca JA, Sousa-Pinto B, Klimek L, Czarlewski W, Bedbrook A, Amaral R, Ansotegui IJ, Bosnic-Anticevich S, Braidó F, Loureiro CC, Gemiciglu B, Haahtela T, Kulus M, Kuna P, Kupczyk M, Matricardi PM, Regateiro FS, Samolinski B, Sofiev M, Toppila-Salmi S, Valiulis A, Ventura MT, Barbara C, Bergmann KC, Bewick M, Blain H, Bonini M, Boulet LP, Bourret R, Brusselle G, Brussino L, Buhl R, Cardona V, Casale T, Cecchi L, Charpin D, Cherrez-Ojeda I, Chu DK, Cingi C, Costa EM, Cruz AA, Devillier P, Dramburg S, Fokkens WJ, Gotua M, Heffler E, Ispayeva Z, Ivancevich JC, Joos G, Kaidashev I, Kraxner H, Kvedariene V, Larenas-Linnemann DE, Laune D, Lourenço O, Louis R, Makela M, Makris M, Maurer M, Melén E, Micheli Y, Morais-Almeida M, Mullol J, Niedozytko M, O'Hehir R, Okamoto Y, Olze H, Papadopoulos NG, Papi A, Patella V, Pétré B, Pham-Thi N, Puggioni F, Quirce S, Roche N, Rouadi PW, Sá-Sousa A, Sagara H, Sastre J, Scichilone N, Sheikh A, Sova M, Ulrik CS, Taborda-Barata L, Todo-Bom A, Torres MJ, Tsiligianni I, Usmani OS, Valovirta E, Vasankari T, Vieira RJ, Wallace D, Wasserman S, Zidarn M, Yorgancioglu A, Zhang L, Chivato T, Ollert M. Patient-centred digital biomarkers for allergic respiratory diseases and asthma: the ARIA-EAACI approach. *Allergy*. 2023 Apr 11. doi: 10.1111/all.15740. Epub ahead of print. PMID: 37042071.
- 231: Tomaszewski EL, Atkinson MJ, Janson C, Karlsson N, Make B, Price D, Reddel HK, Vogelmeier CF, Müllerová H, Jones PW; NOVELTY Scientific Community; and the NOVELTY study investigators. Chronic Airways Assessment Test: psychometric properties in patients with asthma and/or COPD. *Respir Res*. 2023 Apr 8;24(1):106. doi: 10.1186/s12931-023-02394-6. PMID: 37031164; PMCID: PMC10082977.
- 230: Bousquet J, Melén E, Haahtela T, Koppelman GH, Togias A, Valenta R, Akdis CA, Czarlewski W, Rothenberg M, Valiulis A, Wickman M, Akdis M, Aguilar D, Bedbrook A, Bindeslev-Jensen C, Bosnic-Anticevich S, Boulet LP, Brightling CE, Brussino L, Burte E, Bustamante M, Canonica GW, Cecchi L, Celedon JC, Chaves Loureiro C, Costa E, Cruz AA, Erhola M, Gemiciglu B, Fokkens WJ, Garcia-Aymerich J, Guerra S, Heinrich J, Ivancevich JC, Keil T, Klimek L, Kuna P, Kupczyk M, Kvedariene V, Larenas-Linnemann DE, Lemonnier N, Lodrup Carlsen KC, Louis R, Makela M, Makris M, Maurer M, Momas I, Morais-Almeida M, Mullol J, Naclerio RN, Nadeau K, Nadif R, Niedozytko M, Okamoto Y, Ollert M, Papadopoulos NG, Passalacqua G, Patella V, Pawankar R, Pham-Thi N, Pfaar O, Regateiro FS, Ring J, Rouadi PW, Samolinski B, Sastre J, Savouré M, Scichilone N, Shamji MH, Sheikh A, Siroux V, Sousa-Pinto B, Standl M, Sunyer J, Taborda-Barata L, Toppila-Salmi S, Torres MJ, Tsiligianni I, Valovirta E, Vandenplas O, Ventura MT, Weiss S, Yorgancioglu A, Zhang L, Abdul Latiff AH, Aberer W, Agache I, Al-Ahmad M, Alobid I, Ansotegui IJ, Arshad SH, Asayag E, Barbara C, Baharudin A, Battur L, Bennoor KS, Berghea EC, Bergmann KC, Bernstein D, Bewick M, Blain H, Bonini M, Braidó F, Buhl R, Bumbacea RS, Bush A, Calderon M, Calvo-Gil M, Camargos P, Caraballo L, Cardona V, Carr W, Carreiro-Martins P, Casale T, Cepeda Sarabia AM, Chandrasekharan R, Charpin D, Chen YZ, Cherrez-Ojeda I, Chivato T, Chkhartishvili E, Christoff G, Chu DK, Cingi C, Correia de Sousa J, Corrigan C, Custovic A, D'Amato G, Del Giacco S, De

Blay F, Devillier P, Didier A, do Ceu Teixeira M, Dokic D, Douagui H, Doulaptsi M, Durham S, Dykewicz M, Eiwegger T, El-Sayed ZA, Emuzyte R, Fiocchi A, Fyhrquist N, Gomez RM, Gotua M, Guzman MA, Hagemann J, Hamamah S, Halken S, Halpin DMG, Hofmann M, Hossny E, Hrubisko M, Irani C, Ispayeva Z, Jares E, Jartti T, Jassem E, Julge K, Just J, Jutel M, Kaidashev I, Kalayci O, Kalyoncu AF, Kardas P, Kirenga B, Kraxner H, Kull I, Kulus M, La Grutta S, Lau S, Le Tuyet Thi L, Levin M, Lipworth B, Lourenço O, Mahboub B, Martinez-Infante E, Matricardi P, Miculinic N, Miguere N, Mihaltan F, Mohammad Y, Moniuszko M, Montefort S, Neffen H, Nekam K, Nunes E, Nyembue Tshipukane D, O'Hehir R, Ogulur I, Ohta K, Okubo K, Ouedraogo S, Olze H, Pali-Schöll I, Palomares O, Palosuo K, Panaitescu C, Panzner P, Park HS, Pitsios C, Plavec D, Popov TA, Puggioni F, Quirce S, Recto M, Repka-Ramirez MS, Robalo Cordeiro C, Roche N, Rodriguez-Gonzalez M, Romantowski J, Rosario Filho N, Rottem M, Sagara H, Serpa FS, Sayah Z, Scheire S, Schmid-Grendelmeier P, Sisul JC, Sole D, Soto-Martinez M, Sova M, Sperl A, Spranger O, Stelmach R, Suppli Ulrik C, Thomas M, To T, Todo-Bom A, Tomazic PV, Urrutia-Pereira M, Valentin-Rostan M, Van Ganse E, van Hage M, Vasankari T, Vichyanond P, Viegi G, Wallace D, Wang DY, Williams S, Worm M, Yiallourous P, Yusuf O, Zaitoun F, Zernotti M, Zidarn M, Zuberbier J, Fonseca JA, Zuberbier T, Anto JM. Rhinitis associated with asthma is distinct from rhinitis alone: The ARIA-MeDALL hypothesis. *Allergy*. 2023 Feb 17. doi: 10.1111/all.15679. Epub ahead of print. PMID: 36799120.

229: Bousquet J, Anto JM, Sousa-Pinto B, Czarlewski W, Bedbrook A, Haahtela T, Klimek L, Pfaar O, Kuna P, Kupczyk M, Regateiro FS, Samolinski B, Valiulis A, Yorgancioglu A, Arnavielhe S, Basagaña X, Bergmann KC, Bosnic-Anticevich S, Brussino L, Canonica GW, Cardona V, Cecchi L, Chaves-Loureiro C, Costa E, Cruz AA, Gemicioglu B, Fokkens WJ, Ivancevich JC, Kraxner H, Kvedariene V, Larenas-Linnemann DE, Laune D, Louis R, Makris M, Maurer M, Melén E, Micheli Y, Morais-Almeida M, Mullol J, Niedozytko M, Okamoto Y, Papadopoulos NG, Patella V, Pham-Thi N, Rouadi PW, Sastre J, Scichilone N, Sheikh A, Sofiev M, Taborda-Barata L, Toppila-Salmi S, Tsiligianni I, Valovirta E, Ventura MT, Vieira RJ, Zidarn M, Amaral R, Ansotegui IJ, Bédard A, Benveniste S, Bewick M, Bindslev-Jensen C, Blain H, Bonini M, Bourret R, Braidó F, Carreiro-Martins P, Charpin D, Cherrez-Ojeda I, Chivato T, Chu DK, Cingi C, Del Giacco S, de Blay F, Devillier P, De Vries G, Doulaptsi M, Doyen V, Dray G, Fontaine JF, Gomez RM, Hagemann J, Heffler E, Hofmann M, Jassem E, Jutel M, Keil T, Kritikos V, Kull I, Kulus M, Lourenço O, Mathieu-Dupas E, Menditto E, Mösges R, Murray R, Nadif R, Neffen H, Nicola S, O'Hehir R, Olze H, Palamarchuk Y, Pépin JL, Pétré B, Picard R, Pitsios C, Puggioni F, Quirce S, Raciborski F, Reitsma S, Roche N, Rodriguez-Gonzalez M, Romantowski J, Sá-Sousa A, Serpa FS, Savaouré M, Shamji MH, Sova M, Sperl A, Stellato C, Todo-Bom A, Tomazic PV, Vandenplas O, Van Eerd M, Vasankari T, Viart F, Wasserman S, Fonseca JA, Zuberbier T. Digitally-enabled, patient-centred care in rhinitis and asthma multimorbidity: The ARIA-MASK-air[&] approach. *Clin Transl Allergy*. 2023 Jan;13(1):e12215. doi: 10.1002/ct2.12215. PMID: 36705508; PMCID: PMC9823305.

228: Bavbek S, Ozyigit LP, Baiardini I, Braidó F, Roizen G, Jerschow E. Placebo, Nocebo, and Patient-Reported Outcome Measures in Drug Allergy. *J Allergy Clin Immunol Pract*. 2023 Feb;11(2):371-379. doi: 10.1016/j.jaip.2022.11.033. Epub 2022 Dec 12. PMID: 36521832.

- 227: Sousa-Pinto B, Anto A, Berger M, Dramburg S, Pfaar O, Klimek L, Jutel M, Czarlewski W, Bedbrook A, Valiulis A, Agache I, Amaral R, Ansotegui IJ, Bastl K, Berger U, Bergmann KC, Bosnic-Anticevich S, Braidó F, Brussino L, Cardona V, Casale T, Canonica GW, Cecchi L, Charpin D, Chivato T, Chu DK, Cingi C, Costa EM, Cruz AA, Devillier P, Durham SR, Ebisawa M, Fiocchi A, Fokkens WJ, Gemicioğlu B, Gotua M, Guzmán MA, Haahtela T, Ivancevich JC, Kuna P, Kaidashev I, Khaitov M, Kvedariene V, Larenas-Linnemann DE, Lipworth B, Laune D, Matricardi PM, Morais-Almeida M, Mullol J, Naclerio R, Neffen H, Nekam K, Niedożytko M, Okamoto Y, Papadopoulos NG, Park HS, Passalacqua G, Patella V, Pelosi S, Pham-Thi N, Popov TA, Regateiro FS, Reitsma S, Rodriguez-Gonzales M, Rosario N, Rouadi PW, Samolinski B, Sá-Sousa A, Sastre J, Sheikh A, Ulrik CS, Taborda-Barata L, Todo-Bom A, Tomazic PV, Toppila-Salmi S, Tripodi S, Tsiligianni I, Valovirta E, Ventura MT, Valero AA, Vieira RJ, Wallace D, Wasserman S, Williams S, Yorgancioglu A, Zhang L, Zidarn M, Zuberbier J, Olze H, Antó JM, Zuberbier T, Fonseca JA, Bousquet J. Real-world data using mHealth apps in rhinitis, rhinosinusitis and their multimorbidities. *Clin Transl Allergy*. 2022 Nov;12(11):e12208. doi: 10.1002/clt2.12208. PMID: 36434742; PMCID: PMC9673175.
- 226: Rumi G, Canonica GW, Foster JM, Chavannes NH, Valenti G, Contiguglia R, Rapsomaniki E, Kocks JWH, De Brasi D, Braidó F. Correction: Digital Coaching Using Smart Inhaler Technology to Improve Asthma Management in Patients With Asthma in Italy: Community-Based Study. *JMIR Mhealth Uhealth*. 2022 Nov 25;10(11):e44532. doi: 10.2196/44532. Erratum for: *JMIR Mhealth Uhealth*. 2022 Nov 2;10(11):e25879. PMID: 36427351; PMCID: PMC9736753.
- 225: Baiardini I, Fasola S, Lorenzi C, Colombo N, Bruno M, La Grutta S, Scognamiglio C, Braidó F. Might Dog Walking Reduce the Impact of COPD on Patients' Life? *Healthcare (Basel)*. 2022 Nov 18;10(11):2317. doi: 10.3390/healthcare10112317. PMID: 36421641; PMCID: PMC9690207.
- 224: Rumi G, Canonica GW, Foster JM, Chavannes NH, Valenti G, Contiguglia R, Rapsomaniki E, Kocks JWH, De Brasi D, Braidó F. Digital Coaching Using Smart Inhaler Technology to Improve Asthma Management in Patients With Asthma in Italy: Community-Based Study. *JMIR Mhealth Uhealth*. 2022 Nov 2;10(11):e25879. doi: 10.2196/25879. Erratum in: *JMIR Mhealth Uhealth*. 2022 Nov 25;10(11):e44532. PMID: 36322120; PMCID: PMC9669888.
- 223: Golam SM, Janson C, Beasley R, FitzGerald JM, Harrison T, Chipps B, Hughes R, Müllerová H, Olaguibel JM, Rapsomaniki E, Reddel HK, Sadatsafavi M; NOVELTY study investigators. The burden of mild asthma: Clinical burden and healthcare resource utilisation in the NOVELTY study. *Respir Med*. 2022 Aug-Sep;200:106863. doi: 10.1016/j.rmed.2022.106863. Epub 2022 May 9. PMID: 35952579.
- 222: Agustí A, Rapsomaniki E, Beasley R, Hughes R, Müllerová H, Papi A, Pavord ID, van den Berge M, Faner R; NOVELTY Study Investigators. Treatable traits in the NOVELTY study. *Respirology*. 2022 Nov;27(11):929-940. doi: 10.1111/resp.14325. Epub 2022 Jul 21. Erratum in: *Respirology*. 2022 Dec;27(12):1095. PMID: 35861464; PMCID: PMC9795904.
- 221: Hughes R, Rapsomaniki E, Janson C, Keen C, Make BJ, Burgel PR, Tomaszewski EL, Müllerová H, Reddel HK; NOVELTY study investigators. Frequent productive

- cough: Symptom burden and future exacerbation risk among patients with asthma and/or COPD in the NOVELTY study. *Respir Med.* 2022 Aug-Sep;200:106921. doi: 10.1016/j.rmed.2022.106921. Epub 2022 Jun 20. PMID: 35820227.
- 220: Cazzola M, Braido F, Calzetta L, Matera MG, Piraino A, Rogliani P, Scichilone N. The 5T approach in asthma: Triple Therapy Targeting Treatable Traits. *Respir Med.* 2022 Aug-Sep;200:106915. doi: 10.1016/j.rmed.2022.106915. Epub 2022 Jun 17. PMID: 35753188.
- 219: De Corso E, Bilò MB, Matucci A, Seccia V, Braido F, Gelardi M, Heffler E, Latorre M, Malvezzi L, Pelaia G, Senna G, Castelnuovo P, Canonica GW. Personalized Management of Patients with Chronic Rhinosinusitis with Nasal Polyps in Clinical Practice: A Multidisciplinary Consensus Statement. *J Pers Med.* 2022 May 23;12(5):846. doi: 10.3390/jpm12050846. PMID: 35629268; PMCID: PMC9143504.
- 218: Radovanovic D, Contoli M, Braido F, Maniscalco M, Micheletto C, Solidoro P, Santus P, Carone M. Future Perspectives of Revaluating Mild COPD. *Respiration.* 2022;101(7):688-696. doi: 10.1159/000524102. Epub 2022 Apr 25. PMID: 35468602.
- 217: Braido F, Corsico AG, Paleari D, Piraino A, Cavalieri L, Scichilone N. Why small particle fixed dose triple therapy? An excursus from COPD pathology to pharmacological treatment evolution. *Ther Adv Respir Dis.* 2022 Jan-Dec;16:17534666211066063. doi: 10.1177/17534666211066063. PMID: 35044875; PMCID: PMC8796083.
- 216: Muzyka M, Tagliafico L, Serafini G, Baiardini I, Braido F, Nencioni A, Monacelli F. Neuropsychiatric Disorders and Frailty in Older Adults over the Spectrum of Cancer: A Narrative Review. *Cancers (Basel).* 2022 Jan 5;14(1):258. doi: 10.3390/cancers14010258. PMID: 35008421; PMCID: PMC8796027.
- 215: Braido F, Tiotiu A, Guidos-Fogelbach G, Baiardini I, Cosini F, Correia de Sousa J, Bikov A, Novakova S, Labor M, Kaidashev I, Nedeva D, Kowal K, Mihaicuta S, Urrutia Pereira M, Solé D, Novakova P, Chong-Neto H, Vrzy L, Ansotegui IJ, Bernstein JA, Boulet LP, Canonica GW, Dubuske L, Nunes C, Ivancevich JC, Santus P, Rosario N, Emelyanov A, Steiropoulos P. Manifesto on inhaled triple therapy in asthma: an Interasma (Global Asthma Association - GAA) document. *J Asthma.* 2022 Dec;59(12):2402-2412. doi: 10.1080/02770903.2021.2022160. Epub 2022 Jan 11. PMID: 34936532.
- 214: Baiardini I, Fasola S, La Grutta S, Trucco E, Canonica GW, Braido F. Rhinitis and Asthma Patient Perspective (RAPP): Clinical Utility and Predictive Value. *J Allergy Clin Immunol Pract.* 2022 Mar;10(3):846-852.e1. doi: 10.1016/j.jaip.2021.10.025. Epub 2021 Oct 22. PMID: 34695596.
- 213: Baiardini I, Braido F. Patient Reported Outcomes in allergic diseases: findings and implications. *Eur Ann Allergy Clin Immunol.* 2021 Sep;53(5):199-200. doi: 10.23822/EurAnnACI.1764-1489.232. PMID: 34525790.
- 212: Braido F, Blasi F, Canonica GW, Paggiaro P, Beghè B, Bonini M, Carpagnano GE, Del Giacco S, Lavorini F, Milanese M, Patella V, Santus P, Contoli M; MANI

Network; Allegrini C, Baiardini I, Bonzano L, Caiaffa MF, Castelnuovo P, Corsico AG, Cosmi L, Costantino MT, Cottini M, Crimi N, Crivellaro MA, D'Alò S, Folletti I, Fornari D, Foschino-Barbaro MP, Franceschini L, Gargano D, Olini KL, Maniscalco M, Melissari L, Montagni M, Montuschi P, Murgia N, Pannofino A, Papi A, Parente R, Pelaia G, Pini L, Puggioni F, Pulerà N, Resta O, Ricciardi L, Ridolo E, Savi E, Savoia F, Scala G, Senna G, Tripodi S, Vatrella A, Ventura MT, Viviano VM, Yacoub MR. Mild/Moderate Asthma Network in Italy (MANI): a long-term observational study. *J Asthma*. 2022 Sep;59(9):1908-1913. doi: 10.1080/02770903.2021.1968895. Epub 2021 Sep 1. PMID: 34469268.

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209: Hagemann J, Onorato GL, Jutel M, Akdis CA, Agache I, Zuberbier T, Czarlewski W, Mullol J, Bedbrook A, Bachert C, Bennoor KS, Bergmann KC, Braido F, Camargos P, Caraballo L, Cardona V, Casale T, Cecchi L, Chivato T, Chu DK, Cingi C, Correia-de-Sousa J, Del Giacco S, Dokic D, Dykewicz M, Ebisawa M, El-Gamal Y, Emuzyte R, Fauquert JL, Fiocchi A, Fokkens WJ, Fonseca JA, Gemiciloglu B, Gomez RM, Gotua M, Haahtela T, Hamelmann E, Iinuma T, Ivancevich JC, Jassem E, Kalayci O, Kardas P, Khaitov M, Kuna P, Kvedariene V, Larenas-Linnemann DE, Lipworth B, Makris M, Maspero JF, Miculinic N, Mihaltan F, Mohammad Y, Montefort S, Morais-Almeida M, Mösges R, Naclerio R, Neffen H, Niedozytko M, O'Hehir RE, Ohta K, Okamoto Y, Okubo K, Panzner P, Papadopoulos NG, Passalacqua G, Patella V, Pereira A, Pfaar O, Plavec D, Popov TA, Prokopakis EP, Puggioni F, Raciborski F, Reijula J, Regateiro FS, Reitsma S, Romano A, Rosario N, Rottem M, Ryan D, Samolinski B, Sastre J, Solé D, Sova M, Stellato C, Suppli-Ulrik C, Tsiligianni I, Valero A, Valiulis A, Valovirta E, Vasankari T, Ventura MT, Wallace D, Wang Y, Williams S, Yorgancioglu A, Yusuf OM, Zernotti M, Bousquet J, Klimek L. Differentiation of COVID-19 signs and symptoms from allergic rhinitis and common cold: An ARIA-EAACI-GA² LEN consensus. *Allergy*. 2021 Aug;76(8):2354-2366. doi: 10.1111/all.14815. Epub 2021 May 14. PMID: 33730365; PMCID: PMC8250633.

208: Baiardini I, Contoli M, Corsico AG, Scognamillo C, Ferri F, Scichilone N, Rogliani P, Di Marco F, Santus P, Braido F. Exploring the Relationship between Disease Awareness and Outcomes in Patients with Chronic Obstructive Pulmonary Disease. *Respiration*. 2021;100(4):291-297. doi: 10.1159/000513953. Epub 2021 Mar 11. PMID: 33706318; PMCID: PMC8220921.

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Scientific communication activity

Speaker in more than 300 national and international meetings. 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 2013-2022.

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

Editorial board membership:

Journal of Allergy & Therapy, Biomed research international, Canadian Respiratory Journal, Clinical and Translational Allergy, Journal of European CME, Journal of Allergy & Therapy, Minerva Medica.

Editor in Chief of Journal of Asthma.

Reviewer activity:

Clinical and Translational Allergy,
Biomed Research International,
Respiratory Medicine;
The American Journal of Managed Care,
RespiratoryResearch,
MultidisciplinaryRespiratoryMedicine,
Respiratory Care,
Journal of Asthma,
Current Opinion in Allergy and Clinical Immunology, o Pharmacological Research,
Polish Archives of Internal medicine,
Journal of Allergy & Clinical Immunology in practice, o Medical Devices: Evidence and Research,
Canadian Respiratory Journal,
The Lancet Respiratory Medicine,
Pulmonary Pharmacology and Therapeutics,
Clinical & Experimental Allergy

Involvement as principal investigator or co-investigator in clinical trials:

“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 FEV₁) 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".

Prot. ML-05 "Valutazione, in uno studio DBPC, degli effetti sulla flogosi allergica, attraverso lavaggio e scraping nasale, e sui sintomi di Montelukast 10 mg versus placebo somministrato una volta al giorno per 4 settimane a pazienti affetti da rinite allergica persistente".

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 aclidinium 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 aclidinium 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. 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”).

SAT - SATISFACTION AND ADHERENCE TO COPD TREATMENT (observational cross-sectional and perspective trial).

NOVELTY- prot D2287R00103 - A NOVEL Observational longiTudinal studY on Patients With Asthma and/or COPD to Describe Patient Characteristics, Treatment Patterns and the Burden of Illness Over Time and to Identify Phenotypes and Endotypes.

MANI Project - Mild Moderate Asthma Network in Italy (PI – in corso)

Studio di fase 3 multicentrico, randomizzato, in doppio cieco, a dosaggio cronico, a gruppi paralleli, controllato verso placebo, per valutare l'efficacia e la sicurezza di benralizumab 100 mg in pazienti affetti da broncopneumopatia cronica ostruttiva (BPCO) da moderata a molto grave con un'anamnesi di frequenti esacerbazioni della BPCO e un numero elevato di eosinofili nel sangue periferico (RESOLUTE)". (PI – in Corso)

CLI-01535AA0-02 - An exploratory, double-blind, randomised, multicenter, psychopharmacological study in adult patients with moderate to severe asthma to compare two pressurised Metered-Dose Inhalers (pMDIs) on patients' perception of asthma symptoms. (PI- Ongoing)

CHIT-2101 - Effects of beclometasone dipropionate/formoterol fumarate fixed combination administered with the NEXT(haler) in a rEal-World study on The probability Of improving the asthma coNtrol status after 6 months of treatment. The NEWTON study (PI – Ongoing)

REP0321 - Reparixin 1200 mg three times a day as add-on therapy to standard of care to limit disease progression in hospitalised adult patients with COVID-19 and other community-acquired pneumonia. A multinational, multicentre, randomised, double-blinded, placebo-controlled, parallel-group phase III trial. (REPAVID-22) (PI – pending EC approval).

Studio Airleaf 1397-0012 - A randomised, double-blind, placebo-controlled, parallel group, dose-finding study evaluating efficacy, safety and tolerability of BI 1291583 qd over at least 24 weeks in patients with non-cystic fibrosis bronchiectasis – (PI – pending EC approval).

Retrospective and prospective observational study for the development and validation of Chronic Cough Patient Perspective questionnaire – (PI - ongoing)

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.
- Development and validation of Expert System for facilitating the diagnosis of Chronic obstructive lung diseases.

