

STEFANO ALIBERTI

CURRICULUM VITAE

PERSONAL INFORMATIONS

LAST NAME	ALIBERTI
FIRST NAME	STEFANO
DATE OF BIRTH	NOVEMBER 29 TH , 1978

ACADEMIC TITLES

1.7.2021-to date	Full Professor of Respiratory Diseases Department of Biomedical Sciences Humanitas University, Pieve Emanuele, Milan, Italy
1.4.2016-30.6.2021	Associate Professor of Respiratory Diseases Department of Pathophysiology and Transplantation University of Milan, Milan, Italy
1.10.2020-30.6.2021	Director of the Fellowship Program in Respiratory Diseases University of Milan, Milan, Italy
14.1.2019-30.6.2021	Contact person for the "Prevention of corruption and promotion of transparency" Unit Department of Pathophysiology and Transplantation University of Milan, Milan, Italy
1.4.2019-30.6.2021	Director of the "Molecular Biology and Respiratory Infections" Lab Department of Pathophysiology and Transplantation University of Milan, Milan
1.8.2017-to date	Qualified for the functions of Full Professor in Respiratory Diseases (Bando D.D. 1532/2016; Settore concorsuale 06/D1 Malattie dell'Apparato Cardiovascolare e Respiratory Diseases-art. 16, comma 1, Legge 240/10), up to 1.8.2023
1.12.2010-31.3.2016	Assistant Professor School of Medicine and Surgery University of Milan-Bicocca, Milan, Italy
1.9.2008-31.7.2009	Clinical Research Fellow (Assegno di ricerca presso Dipartimento Toraco-Polmonare e Cardio-Circolatorio -DR n. 254915 del 21/5/08) "Bronchiectasis in COPD patients: prevalence and bacterial colonization" Pulmonary-Cardio-Thoracic Department University of Milan, Milan, Italy

1.1.2004 Research Fellowship, Ospedale Maggiore Policlinico, Milan, Italy
“Nebulized vs. aerolized salbutamol therapy during non-invasive
ventilation for patients with COPD exacerbation”

EDUCATION

1.10.2003-1.11.2007 Respiratory Fellow (70/70 *cum laude*)
University of Milan, Milan

31.10.2006-30.10.2007 Clinical Research Fellowship
Division of Infectious Diseases, Internal Medicine Department
University of Louisville, Louisville, KY, USA

4.8.2004-4.9.2004 Clinical Fellowship
Acute Respiratory Medicine Unit, St. James’s University Hospital, NHS
trust, Leeds, West Yorkshire, UK

2.10.2002-31.10.2002 Internship
Trauma Surgery, Unfallchirurgie, Klinik und Poliklinik für Chirurgie der
Universität Bonn, University Hospital, Bonn, Germany

August 2000 Internship, Medicine, Emergency Room and Surgery
Chaim Sheba Medical Center Sackler School of Medicine
Tel-Aviv University, Tel-Hashomer, Tel-Aviv, Israel

1997-2003 Medical Doctor (110/110 *cum laude*)
University of Milan, Milan

CERTIFICATIONS AND DIPLOMA

September 2010 European examination in Adult Respiratory Medicine 2010
(HERMES examination) Diploma, European Respiratory Society
Institute of Education, University of Berne, CH

December 2008 ALS: Advance Life Support Certificate
European Resuscitation Council, Italian Resuscitation Council
n°: 09870

May 2008 Seminar in Medical writing for specialists in respiratory disease
Institute for Applied Language Studies
University of Edinburgh, Scotland, UK

07/11/2006-06/11/2007 CITI Biomedical certification, Human Subjects
Research Integrity Program, University of Louisville, Louisville, KY, USA

29.9.2005 BLS-D: Basic Life Support–Defibrillation Certificate, Milan

27.1.2004 to date Full registration as medical practitioner at the Provincial Order of Medical
Doctors, Surgeons and Dentists of Milan (# 39041; from 27.1.2004 to

09.6.2008), of Monza and Brianza (# 02938; from 10.6.2008 to 16.1.2017), and Milan (# 44789; from 17.1.2017 to date)

23.8.2004

“Full registration as medical practitioner”, GMC reference number 6103409 General Medical Council, UK

A. RESEARCH ACTIVITIES

A1. ORGANIZATION, DIRECTION AND COORDINATION OF RESEARCH GROUPS AT NATIONAL AND INTERNATIONAL LEVEL

• At local level

1.4.2019-30.6.2021 Director of the “Molecular Biology and Respiratory Infections” Lab
Department of Pathophysiology and Transplantation
University of Milan, Milan

• At national level

2012 - to date Director of the Italian Registry of adults with non-CF bronchiectasis (IRIDE) of the Italian Respiratory Society (SIP/IRS)

2016-to date Director and national coordinator of the Italian Registry on Pulmonary Non-Tuberculous Mycobacteria (IRENE; www.registroirene.it)

• At International Level

2020- to date Chair of the European Respiratory Society END-COVID Clinical Research Collaboration; <https://www.ersnet.org/research/end-covid---european-respiratory-network-for-data-sharing-in-covid19->

2014-to date Founder and co-director of the European Bronchiectasis Registry (EMBARC; www.bronchiectasis.eu)

2018-to date Work Package Leader of the European Respiratory Society Clinical Research Collaboration EMBARC 2 for Clinical Trials support and feasibility

2015-2017 Co-director of the Community-Acquired Pneumonia Organization (www.caposite.com)

2017 – 2021 Coordinator of the “Quality Standards for Adult CF Care” Project among the Standard of Care Working Group of the European Cystic Fibrosis Society

A2. COMPETITIVE GRANTS AS PRINCIPAL INVESTIGATOR

Year	Project	Title	Funder	Grant
2014	Finanziamento regionale (Regione Lombardia) con ddg Salute n. 6848 del 16.7.2014 (ricerca indipendente 2012)	Role of viral infection and colonization on exacerbations and hospitalizations in adults with non-CF bronchiectasis (The VIBRO Study)	Lombardy Region	243.000,00 euro
2018	Finanziamento per "Bando Direzione Scientifica utilizzo Piattaforme Interne"	Evaluation of transcriptome patterns to better understand host-pathogen interaction in cystic fibrosis and bronchiectasis patients with chronic infection due to Pseudomonas aeruginosa and non-tuberculous mycobacteria	Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico of Milan	64.892,00 euro

A3. UNRESTRICTED GRANT AS PRINCIPAL INVESTIGATOR

Year	Project	Title	Funder	Grant
2017	Research Project Unrestricted Grant	The Italian REgistry of pulmonary Non-tuberculous mycobactEria – IRENE. Funding Request 2016-53	Insmmed Ireland Limited	25.000,00 euro
2018	Unrestricted Grant	Active Neutrophil elastase evaluation in sputum samples of bronchiectasis and cystic fibrosis patients	Chiesi Farmaceutici SpA	19.520,00 euro
2018	Research Project Unrestricted Grant	The Italian REgistry of pulmonary Non-tuberculous mycobactEria – IRENE. Funding Request 2018.043	Insmmed Ireland Limited	40.000,00 euro
2019	"Ricerca corrente" year 2019	Respiratory failure in lung transplant patients	Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico di Milan	137.159,00 euro
2019	Medical education Unrestricted Grant	1st Italian workshop on NTM-LD, under the umbrella of the IRENE (The Italian registry of pulmonary non-tuberculous	Insmmed Ireland Limited	39.040,00 euro

		mycobacteria) project (Ref. "EU Grant agreement HCO Event September 2018" of 27 June 2019)		
2019	Unrestricted Grant – Investigator Initiated research	Immunodeficiencies in adults with non-cystic fibrosis bronchiectasis	Takeda	30.000,00 euro
2019	Research Project Unrestricted Grant	The Italian REgistry of pulmonary Non-tuberculous mycobactEria – IRENE. Funding Request 2018.043	Insmed Ireland Limited	40.000,00 euro
2020	Research Project Unrestricted Grant	The Italian REgistry of pulmonary Non-tuberculous mycobactEria – IRENE. Funding Request 2018.043	Insmed Ireland Limited	40.000,00 euro
2020	Medical education Unrestricted Grant	2nd Italian workshop on NTM-LD, under the umbrella of the IRENE (The Italian registry of pulmonary non-tuberculous mycobacteria) project (Ref. "EU Grant agreement HCO Event September 2018" of 27 June 2019)	Insmed Ireland Limited	39.000,00 euro

A4. ROLES IN SPONSORED CLINICAL TRIALS

STUDY	PERIOD	SPONSOR	DRUG	DISEASE	ROLE
MAHALE	2022-ongoing	AstraZeneca	Benralizumab	Non-CF Bronchiectasis	Principal Investigator and National Coordinator
IRENE	2017-ongoing	IRCCS Fondazione Ca' Granda, Ospedale Maggiore Policlinico, Milan	Register	Non-Tuberculous Mycobacteria	Principal Investigator and National Coordinator
ARGOS	2022-ongoing (submitted to IRB)	Janssen	Observational Study	Acute Respiratory Infections	Principal Investigator and National Coordinator
BRIDGE	2022-on going (IRCCS Humanitas Research	University of Dundee and NHS Tayside, Scotland	Register/Biobank	Non-CF Bronchiectasis	Principal Investigator

	Hospital; submitted to IRB)				
ASPEN	2022-ongoing (submitted to IRB)	Insmed	Brensocatic	Non-CF Bronchiectasis	Principal Investigator
BOEHRINGER TRIAL	2022-ongoing (submitted to IRB)	Boehringer	BI 1291583	Non-CF Bronchiectasis	Principal Investigator
ESAMBIO	2022-ongoing (submitted to IRB)	University of Ferrara	Mepolizumab	Severe Asthma	Principal Investigator
PNEUMO	2022-ongoing (to be submitted to IRB)	University Medical Center Utrecht	Observational Study	Community- acquired pneumonia	Principal Investigator
AN2	2022-ongoing (selection pending)	AN2 Therapeutics	Epetraborole	Refractory MAC-LD	Principal Investigator
ORBIT-4	2014-2016	Aradigm Corporation	Pulmaquin	Non-CF Bronchiectasis	Principal Investigator
EMBARC-1	October 2014- April 2016	Chiesi	Register	Non-CF Bronchiectasis	Principal Investigator
AIRVO-BX	2019-2021	Fisher & Paykel	myAIRVO2	Non-CF Bronchiectasis	Principal Investigator and National Coordinator
BRIDGE	2019-2021 (At Policlinico Hospital, Milan)	University of Dundee and NHS Tayside, Scotland	Register/Biobank	Non-CF Bronchiectasis	Principal Investigator
Respiratory Registry for Lung Health	2019-2021	IRCCS Fondazione Ca' Granda, Ospedale Maggiore Policlinico, Milan	Register	Asthma / COPD	Sub-Investigator
PROMIS II	2021	Zambon	Colistin	Non-CF Bronchiectasis	Sub-Investigator
PROMIS I	2017-2021	Zambon	Colistin	Non-CF Bronchiectasis	Sub-Investigator
CTBM100G2202	January 2017- June 2019	Novartis	Tobramycin	Non-CF Bronchiectasis	Sub-Investigator
Willow Study	March 2018- June 2020	Insmed	INS1007	Non-CF Bronchiectasis	Sub-Investigator
Sobi.IMMUNO- 101	March 2020- June 2021	Swedish Orphan Biovitrum AB	emapalumab anakinra	COVID-19	Sub-Investigator
Sarilumab COVID- 19	March 2020- June 2021	Sanofi	SARILUMAB	COVID-19	Sub-Investigator
CAN-COVID	May 2020- ongoing	Novartis	canakinumab	COVID-19	Sub-Investigator

A5. ROLE WITHIN EDITORIAL BOARDS OF INTERNATIONAL SCIENTIFIC JOURNALS

2019-to date	Associate Editor (Chest Infections), <i>CHEST</i> https://els-jbs-prod-cdn.jbs.elsevierhealth.com/pb/assets/raw/Health%20Advance/journals/chest/edbd.pdf
2017 -2021	Associate Editor, <i>Respirology</i>
2016-to date	Editorial Board, <i>University of Louisville Journal of Respiratory Infections</i>
2015 -2019	Associate Editor, <i>European Respiratory Journal Open Research</i>
2016-2020	Associate Editor, Multidisciplinary Respiratory Medicine
2016-2018	Associate Editor, <i>BMC Pulmonary Medicine</i>
2014-to date	Editorial Board, <i>International Journal of Mycobacteriology</i>
2013	Associate Editor, <i>European Respiratory Monograph</i>
2010 - 2016	Section Editor, "Pulmonology", <i>European Journal of Internal Medicine</i>
2012 -2014	Editorial Board, " <i>Breathe</i> " Journal, European Respiratory Society

Reviewer for the following journals:

The Cochrane Collaboration; Lancet Infectious Diseases; American Journal of Respiratory and Critical Care Medicine; European Respiratory Journal; Thorax; Clinical Infectious Diseases, Plos One; Chest; Intensive Care Medicine; European Respiratory Handbook; European Respiratory Monograph; European Respiratory Review; The Clinical Respiratory Journal; Respiratory Research; COPD: Journal of chronic obstructive pulmonary disease; BMC Infectious Diseases; Respirology; Respiratory Medicine; European Journal of Internal Medicine; Pulmonary Pharmacology and Therapeutics; Internal and Emergency Medicine; Multidisciplinary Respiratory Medicine; Monaldi Archives for Chest Diseases – Pulmonary Series.

A6. PUBLICATIONS

- ORCID: <http://orcid.org/0000-0002-0090-4531>
- Scopus Author Identifier: 9247687000

Indicators

- Total H-index: 45 (Scopus; 24.1.2022)
- Documents: 302 (Scopus; 24.1.2022)
- Citations: 9048 (Scopus; 24.1.2022)

Authors of peer-reviewed scientific manuscripts (Scopus) published on the most important international journals including:

New Englan Journal of Medicine, Lancet Respiratory Medicine, Lancet Infectious Diseases, Lancet Global Health, Americal journal Of Respiratory and Critical care Medicine, European Respiratory Journal, Chest, Thorax, Clinical Infectious Diseases, Intensive Care Medicine, Critical Care, Annals of the American Thoracic Society, Clinical Microbiology and infection, Critical Care Medicine, American Journal of Medicine,

International Journal of Antimicrobial Agents, Respiratory Research, Journal of Allergy and Clinical Immunology, Journal of Antimicrobial Chemotherapy, Journal of Thrombosis and Haemostasis, International Journal of Infectious Diseases, Respiratory Medicine, Archivos de Bronconeumologia, BMC Infectious Diseases, BMC Pulmonary Medicine, Journal of Cystic Fibrosis, Journal of Infection, International Journal of COPD, Lung, Plos One, Respiration, Respirology, Respiratory Care, Seminars in Respiratory and Critical care Medicine, European Journal of Clinical Microbiology and Infectious Diseases, ERJ Open Research, European respiratory Review, International Journal of Tuberculosis and Lung Diseases, European Journal of Internal medicine, Biomed research International, Current Infectious Disease Reports, Current Opinion in Pharmacology, Current Opinion in Pulmonary Medicine, Journal of Hospital Infection, Journal of Preventive Medicine and Hygiene, Current Opinion in Infectious Diseases, Aging Clinical and Experimental Research, Medical Mycology, Expert Review of Respiratory Medicine, Journal of Ultrasound, Multidisciplinary Respiratory Medicine, Internal and Emergency Medicine, Pediatric Infectious Disease Journal, Amyotrophic Lateral Sclerosis And Frontotemporal Degeneration, Annals of Thoracic Medicine, Antibiotics, Cytokine, Archives of Internal Medicine, BMC Emergency Medicine, Biomarkers, Clinical Respiratory Journal, COPD, European Journal of Obstetrics and Gynecology and Reproductive Biology, Therapeutic Advances in respiratory Disease, Transplant Infectious Disease, Transplantation Proceedings, Vaccine, International Journal of Health Planning and Management, International Journal of Nanomedicine, Frontiers in Immunology, Future Microbiology, Infection, Inflammation, Interdisciplinary Perspectives on Infectious Diseases, International Journal of Molecular Sciences, Pulmonary Pharmacology and Therapeutics, Expert opinion on Pharmacotherapy, Breathe.

A6a. Peer reviewed

1. Sanne MHZ, Chiron R, Essink S, Schildkraut J, Akkerman OW, Aliberti S, Altenburg J, Arets B, Van Braeckel E, Delaere B, Gohy S, Haarman E, Lorent N, McKew G, Morgan L, Wagner D, van Ingen J, Hoefsloot W. Safety and outcomes of amikacin liposome inhalation suspension for Mycobacterium abscessus pulmonary disease: a NTM-NET study. *Chest*. 2022 Jan 18;S0012-3692(22)00051-4. doi: 10.1016/j.chest.2022.01.015. Epub ahead of print. PMID: 35063454.
2. Amati F, Stainer A, Mantero M, Gramegna A, Simonetta E, Suigo G, Voza A, Nambiar AM, Cariboni U, Oldham J, Molyneaux PL, Spagnolo P, Blasi F, Aliberti S. Lung Microbiome in Idiopathic Pulmonary Fibrosis and Other Interstitial Lung Diseases. *Int J Mol Sci*. 2022 Jan 17;23(2):977. doi: 10.3390/ijms23020977. PMID: 35055163.
3. Shoemark A, Shteinberg M, De Soyza A, Haworth C, Richardson H, Gao Y, Perea L, Dicker AJ, Goeminne PC, Cant E, Polverino E, Altenburg J, Keir HR, Loebinger MR, Blasi F, Welte T, Sibila O, Aliberti S, Chalmers JD. Characterisation of Eosinophilic Bronchiectasis: A European Multicohort Study. *Am J Respir Crit Care Med*. 2022 Jan 20. doi: 10.1164/rccm.202108-1889OC. Epub ahead of print. PMID: 35050830.
4. Papotti B, Macchi C, Favero C, Iodice S, Adorni MP, Zimetti F, Corsini A, Aliberti S, Blasi F, Carugo S, Bollati V, Vicenzi M, Ruscica M. HDL in COVID-19 Patients: Evidence from an Italian Cross-Sectional Study. *J Clin Med*. 2021 Dec 18;10(24):5955. doi: 10.3390/jcm10245955. PMID: 34945250; PMCID: PMC8708284.
5. Stainer A, Amati F, Suigo G, Simonetta E, Gramegna A, Voza A, Aliberti S. COVID-19 in Immunocompromised Patients: A Systematic Review. *Semin Respir Crit Care Med*. 2021 Dec;42(6):839-858. doi: 10.1055/s-0041-1740110. Epub 2021 Dec 16. PMID: 34918325.
6. Martinez-Garcia MA, Aksamit TR, Aliberti S. Bronchiectasis as a Long-Term Consequence of SARS-COVID-19 Pneumonia: Future Studies are Needed. *Arch Bronconeumol*. 2021 Dec;57(12):739-740. doi: 10.1016/j.arbr.2021.04.017. Epub 2021 Dec 1. PMID: 34866750; PMCID: PMC8634802.
7. Oriano M, Aliberti S, Guerini FR, Agliardi C, Di Francesco C, Gelmini A, Terranova L, Zanzottera M, Marchisio P, Clerici M, Blasi F. The Isoform GC1f of the Vitamin D Binding Protein Is Associated with

- Bronchiectasis Severity. *Biomedicines*. 2021 Oct 29;9(11):1573. doi: 10.3390/biomedicines9111573. PMID: 34829802; PMCID: PMC8615139.
8. Traversi L, Miravittles M, Martinez-Garcia MA, Shteinberg M, Bossios A, Dimakou K, Jacob J, Hurst JR, Paggiaro PL, Ferri S, Hillas G, Vogel-Claussen J, Dettmer S, Aliberti S, Chalmers JD, Polverino E. ROSE: radiology, obstruction, symptoms and exposure - a Delphi consensus definition of the association of COPD and bronchiectasis by the EMBARC Airways Working Group. *ERJ Open Res*. 2021 Nov 22;7(4):00399-2021. doi: 10.1183/23120541.00399-2021. PMID: 34820447; PMCID: PMC8607072.
 9. Amati F, Aliberti S, Misuraca S, Simonetta E, Bindo F, Vigni A, Bassi L, Mazzucco A, Cara A, Blasi F. Lung Recruitability of COVID-19 Pneumonia in Patients Undergoing Helmet CPAP. *Arch Bronconeumol*. 2021 Jan;57:92-94. doi: 10.1016/j.arbres.2020.09.017. Epub 2020 Oct 22. PMID: 34629680; PMCID: PMC7577873.
 10. Nakanishi T, Pigazzini S, Degenhardt F, Cordioli M, Butler-Laporte G, Maya-Miles D, Bujanda L, Bouysran Y, Niemi ME, Palom A, Ellinghaus D, Khan A, Martínez-Bueno M, Rolker S, Amitrano S, Roade Tato L, Fava F; FinnGen; COVID-19 Host Genetics Initiative (HGI), Spinner CD, Prati D, Bernardo D, Garcia F, Darcis G, Fernández-Cadenas I, Holter JC, Banales JM, Frithiof R, Kiryluk K, Duga S, Asselta R, Pereira AC, Romero-Gómez M, Nafría-Jiménez B, Hov JR, Migeotte I, Renieri A, Planas AM, Ludwig KU, Buti M, Rahmouni S, Alarcón-Riquelme ME, Schulte EC, Franke A, Karlsen TH, Valenti L, Zeberg H, Richards JB, Ganna A. Age-dependent impact of the major common genetic risk factor for COVID-19 on severity and mortality. *J Clin Invest*. 2021 Dec 1;131(23):e152386. doi: 10.1172/JCI152386. PMID: 34597274; PMCID: PMC8631592.
 11. Aliberti S, Goeminne PC, O'Donnell AE, Aksamit TR, Al-Jahdali H, Barker AF, Blasi F, Boersma WG, Crichton ML, De Soyza A, Dimakou KE, Elborn SJ, Feldman C, Tiddens H, Haworth CS, Hill AT, Loebinger MR, Martinez-Garcia MA, Meerburg JJ, Menendez R, Morgan LC, Murris MS, Polverino E, Ringshausen FC, Shteinberg M, Sverzellati N, Tino G, Torres A, Vandendriessche T, Vendrell M, Welte T, Wilson R, Wong CA, Chalmers JD. Criteria and definitions for the radiological and clinical diagnosis of bronchiectasis in adults for use in clinical trials: international consensus recommendations. *Lancet Respir Med*. 2021 Sep 24:S2213-2600(21)00277-0. doi: 10.1016/S2213-2600(21)00277-0. Epub ahead of print. PMID: 34570994.
 12. Aliberti S, Dela Cruz CS, Amati F, Sotgiu G, Restrepo MI. Community-acquired pneumonia. *Lancet*. 2021 Sep 4;398(10303):906-919. doi: 10.1016/S0140-6736(21)00630-9. PMID: 34481570.
 13. Saccon E, Bandera A, Sciumè M, Mikaeloff F, Lashari AA, Aliberti S, Sachs MC, Billi F, Blasi F, Gabriel EE, Costantino G, De Roberto P, Krishnan S, Gori A, Peyvandi F, Scudeller L, Canetta C, Lorson CL, Valenti L, Singh K, Baldini L, Fracchiolla NS; COVID-19 Network Working Group,, Neogi U. Distinct Metabolic Profile Associated with a Fatal Outcome in COVID-19 Patients during the Early Epidemic in Italy. *Microbiol Spectr*. 2021 Oct 31;9(2):e0054921. doi: 10.1128/Spectrum.00549-21. Epub 2021 Sep 1. PMID: 34468185; PMCID: PMC8565516.
 14. Bandera A, Nobili A, Tettamanti M, Harari S, Bosari S, Mannucci PM; COVID-19 Network Working Group. Clinical factors associated with death in 3044 COVID-19 patients managed in internal medicine wards in Italy: comment. *Intern Emerg Med*. 2021 Aug 18:1–4. doi: 10.1007/s11739-021-02797-7. Epub ahead of print. PMID: 34406632; PMCID: PMC8371578.
 15. Kyriazopoulou E, Huet T, Cavalli G, Gori A, Kyprianou M, Pickkers P, Eugen-Olsen J, Clerici M, Veas F, Chatellier G, Kaplanski G, Netea MG, Pontali E, Gattorno M, Cauchois R, Kooistra E, Kox M, Bandera A, Beaussier H, Mangioni D, Dagna L, van der Meer JWM, Giamarellos-Bourboulis EJ, Hayem G; International Collaborative Group for Anakinra in COVID-19. Effect of anakinra on mortality in patients with COVID-19: a systematic review and patient-level meta-analysis. *Lancet Rheumatol*. 2021 Oct;3(10):e690-e697. doi: 10.1016/S2665-9913(21)00216-2. Epub 2021 Aug 9. PMID: 34396156; PMCID: PMC8352496.
 16. Notarbartolo S, Ranzani V, Bandera A, Gruarin P, Bevilacqua V, Putignano AR, Gobbi A, Galeota E, Manara C, Bombaci M, Pesce E, Zagato E, Favalli A, Sarnicola ML, Curti S, Crosti M, Martinovic M, Fabbris T, Marini F, Donnici L, Lorenzo M, Mancino M, Ungaro R, Lombardi A, Mangioni D, Muscatello A, Aliberti S, Blasi F, De Feo T, Prati D, Manganaro L, Granucci F, Lanzavecchia A, De

- Francesco R, Gori A, Grifantini R, Abrignani S. Integrated longitudinal immunophenotypic, transcriptional and repertoire analyses delineate immune responses in COVID-19 patients. *Sci Immunol*. 2021 Aug 10;6(62):eabg5021. doi: 10.1126/sciimmunol.abg5021. PMID: 34376481.
17. Oriano M, Gramegna A, Amati F, D'Adda A, Gaffuri M, Contoli M, Bindo F, Simonetta E, Di Francesco C, Santambrogio M, Sotgiu G, Blasi F, Aliberti S. T2-High Endotype and Response to Biological Treatments in Patients with *Bronchiectasis*. *Biomedicines*. 2021 Jul 2;9(7):772. doi: 10.3390/biomedicines9070772. PMID: 34356836; PMCID: PMC8301446.
 18. Delestre-Levai I, Aliberti S, Almagro M, Carnini C, Chalmers JD, George SC, Shukla S, Timothy A, De Vuono MC. Patients' perspectives on bronchiectasis: findings from a social media listening study. *ERJ Open Res*. 2021 Aug 2;7(3):00096-2021. doi: 10.1183/23120541.00096-2021. PMID: 34350285; PMCID: PMC8326711.
 19. Rossio R, Tettamanti M, Nobili A, Harari S, Mannucci PM, Bandera A, Peyvandi F; COVID-19 network working group. Clinical risk scores for the early prediction of severe outcomes in patients hospitalized for COVID-19: comment. *Intern Emerg Med*. 2021 Aug 3:1–4. doi: 10.1007/s11739-021-02807-8. Epub ahead of print. PMID: 34342788; PMCID: PMC8329608.
 20. Cammarota G, Esposito T, Azzolina D, Cosentini R, Menzella F, Aliberti S, Coppadoro A, Bellani G, Foti G, Grasselli G, Cecconi M, Pesenti A, Vitacca M, Lawton T, Ranieri VM, Di Domenico SL, Resta O, Gidaro A, Potalivo A, Nardi G, Brusasco C, Tesoro S, Navalesi P, Vaschetto R, De Robertis E. Noninvasive respiratory support outside the intensive care unit for acute respiratory failure related to coronavirus-19 disease: a systematic review and meta-analysis. *Crit Care*. 2021 Jul 30;25(1):268. doi: 10.1186/s13054-021-03697-0. PMID: 34330320; PMCID: PMC8324455.
 21. Amati F, Simonetta E, Pilocane T, Gramegna A, Goeminne P, Oriano M, Pascual-Guardia S, Mantero M, Voza A, Santambrogio M, Blasi F, Aliberti S. Diagnosis and Initial Investigation of Bronchiectasis. *Semin Respir Crit Care Med*. 2021 Aug;42(4):513-524. doi: 10.1055/s-0041-1730892. Epub 2021 Jul 14. PMID: 34261176.
 22. COVID-19 Host Genetics Initiative. Mapping the human genetic architecture of COVID-19. *Nature*. 2021 Dec;600(7889):472-477. doi: 10.1038/s41586-021-03767-x. Epub 2021 Jul 8. PMID: 34237774; PMCID: PMC8674144.
 23. Oriano M, Amati F, Gramegna A, De Soyza A, Mantero M, Sibila O, Chotirmall SH, Voza A, Marchisio P, Blasi F, Aliberti S. Protease-Antiprotease Imbalance in Bronchiectasis. *Int J Mol Sci*. 2021 Jun 1;22(11):5996. doi: 10.3390/ijms22115996. PMID: 34206113.
 24. Ruscica M, Macchi C, Iodice S, Tersalvi G, Rota I, Ghidini S, Terranova L, Valenti L, Amati F, Aliberti S, Corsini A, Blasi F, Carugo S, Bollati V, Vicenzi M. Prognostic parameters of in-hospital mortality in COVID-19 patients-An Italian experience. *Eur J Clin Invest*. 2021 Jun 29:e13629. doi: 10.1111/eci.13629. Epub ahead of print. PMID: 34184268.
 25. Maselli DJ, Yen A, Wang W, Okajima Y, Dolliver WR, Mercugliano C, Anzueto A, Restrepo MI, Aksamit TR, Basavaraj A, Aliberti S, Young KA, Kinney GL, Wells JM, San José Estépar R, Lynch DA, Diaz AA. Small Airway Disease and Emphysema Are Associated with Future Exacerbations in Smokers with CT-derived Bronchiectasis and COPD: Results from the COPD Gene Cohort. *Radiology*. 2021 Jun 22:204052. doi: 10.1148/radiol.2021204052. Epub ahead of print. PMID: 34156303.
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A6b. Books / Chapters / Multimedia / translations / Monographies

Books

2006 Cosentini R, Aliberti S. "L'ABC of the ventilazione meccanica non-invasiva (NIV) in

urgenza", Mc-Graw Hill Companies, 2006, 1st Edition

- 2010 Cosentini R, Aliberti S, Brambilla AM. "L'ABC of the ventilazione meccanica non-invasiva (NIV) in urgenza", Mc-Graw Hill Companies, 2010, 2nd Edition
- 2011 Blasi F, Aliberti S, Tarsia P "Percorsi diagnostici in pneumologia", Ed: Percorsi Editoriali di Carocci editore, Roma, 2011
- 2014 Blasi F, Aliberti S, Mantero M. Polmonite. Score diagnostici e pratica clinica. Ed: Percorsi Editoriali di Carocci editore, Roma, 2014
- 2018 Chalmers JD, Polverino E, Aliberti S. Bronchiectasis –The EMBARC Manual, DOI: 10.1007/978-3-319-61452-6. Publisher: Springer International Publishing

Multimedia

- 2014 Cosentini R, Brambilla AM, Piffer F, Aliberti S. iABC How to use NIV in the acute setting (applicazione per iPhone -Apple)

Chapters

1. Amati F, Vigni A, Misuraca S, Bindo F, Grangena A, Voza A, Blasi F, Aliberti S. "Respiratory failure in COVID-19: a patient's perspective and clinical cases". Published in the 2021 European Respiratory Society Monograph "COVID-19"
2. Gramegna A, Mantero M, Amati F, Aliberti S, Blasi F. "Post-COVID-19 sequelae". Published in the 2021 European Respiratory Society Monograph "COVID-19"
3. Amati F, Di Pasquale M, Restrepo MI, Marin-Corral J, Aliberti S, Blasi F. "Cardiovascular side-effects of common antibiotics" Published in the 2020 European Respiratory Society Monograph "Cardiovascular Complications of Respiratory Disorders" DOI: 10.1183/2312508X.10028819
4. Amati F, Gramegna A, Contarini M, Tarsia P, Bellofiore A, Blasi F, Aliberti S. "Site of care and multidisciplinary approach" Published in 2018 in European Respiratory Society Monograph "Bronchiectasis" DOI: 10.1183/2312508X.10017117; ISBN (electronic): 978-1-84984-098-9
5. Di Pasquale M, Aliberti S, Tarsia P, Blasi F. "Identifying patients with pneumonia due to MDR organisms coming from the community" Published in the 2017 European Respiratory Society Monograph "Anti-infectives and the lung" DOI: 10.1183/2312508X.erm7517 ISBN (electronic): 978-1-84984-084-2
6. Sotgiu G, Brown J, Lipman M, Piana A, Matteelli A, Centis R, Aliberti S, Migliori GN. "Tuberculosis". Published in the 2014 European Respiratory Society Monograph "Pulmonary Complications of HIV"
7. Chalmers JD, Pletz MW, Aliberti S. "Introduction" of the 2014 European Respiratory Monograph "Community-acquired pneumonia"
8. Aliberti S, Faverio P. "Early outcomes in CAP: clinical stability, clinical failure and nonresolving pneumonia" Published in the 2014 European Respiratory Monograph "Community-acquired pneumonia" 63, pp 205-218
9. Blasi F, Aliberti S, Mantero M. "Impact of exacerbations in the natural course of COPD" Published in the 2013 European Respiratory Society Monograph "The Spectrum of Bronchial Infection"
10. Blasi F, Aliberti S, Mantero M. "Impact of exacerbation in the natural course of COPD" Published in the 2013 European respiratory Monograph "The spectrum of bronchial Infection" pp 84-95
11. Blasi F, Aliberti S. "Malattia polmonare cronica ostruttiva" in Medicina Critica Tomo II, a cura di Ezio Romano, UTET scienze mediche, 2010, pag 837-847
12. Blasi F, Tarsia P, Cosentini R, Aliberti S. "Acute exacerbation of COPD: application of evidence-based guidelines" 111 – 122, in Cazzola M, Sethi S, Blasi F, Anzueto A. "Therapeutic strategies in acute exacerbations in COPD", Clinical publishing Oxford, 2009

13. Blasi F, Aliberti S, Benemei S, Geppetti P. Reazioni avverse polmonari - In: Reazioni avverse a farmaci ; [a cura di] A.P. Caputi, F. De Ponti, L. Pagliaro. - Milan : Raffaello Cortina, 2009. - ISBN 978-88-6030-278-6. - p. 237-250
14. Aliberti S, Tarsia P, Blasi F "Major key topics concerning shortcourse antimicrobial therapy in community-acquired pneumonia. Evidence efficacy" in "2008 Yearbook of Respiratory care clinics and applied technologies" by Antonio Esquinas
15. Aliberti S, Blasi F. "Infezioni respiratorie" in Allegra L, Blasi F, Canonica GW, Centanni S, Girbino G "Malattie respiratorie: l'essenziale" Elsevier Masson, 2008
16. Cosentini R, Aliberti S. "L'ABC of the ventilazione meccanica non invasiva in urgenza", McGraw-Hill, October 2006
17. Cosentini R, Aliberti S, Brambilla AM. "L'ABC of the ventilazione meccanica non invasiva in urgenza. II Edizione", McGraw-Hill, October 2010
18. Blasi F, Cosentini R, Tarsia P, Aliberti S, Brambilla AM, Folli C, "Infezioni respiratorie non tubercolari" in Larizza, "Trattato di medicina interna", Piccin, 2008
19. Tarsia P, Aliberti S, Pappalettera M, Zanardelli M, Blasi F. "Putative role of antimicrobial activity in the treatment of asthma" pag. 123-140, in "Polosa. R, Volgate ST Therapeutic Strategies ASTHMA Current treatments" Clinical Publishing Atlas Medical Publishing Ltd, 2007
20. Blasi F, Aliberti S. "Polmoniti da ipersensibilità" (pag. 1199-1204); "Bronchiectasie" (1224-1226); "Pleuriti" (1259-1264) in Massimo Vanoli "Sintomi, Diagnosi, Terapia in medicina interna" Selecta Medica, 2007

Translations

1. Francis C. "Respiratory care", Blackwell, 2006 (Traduttore e curatore of the traduzione italiana per commissione di McGraw Hill Italia)
2. Traduttore per la versione italiana dell'"American Journal of Respiratory and Critical Care Medicine", 2006

Editor of Monographs

- 2018 (Editor) ERS Monograph. "Bronchiectasis" Edited by James D Chalmers, Eva Polverino and Stefano Aliberti DOI: 10.1183/2312508X.erm8118
- 2017 (Editor) ERS Monograph. "Anti-infectives and the lung" Edited by Stefano Aliberti, James D. Chalmers and Mathias W. Pletz. DOI: 10.1183/2312508X.erm7517
ISBN (electronic): 978-1-84984-084-2

Abstract

Authors of more than 220 abstracts accepted and presented at national or international congresses since 2003 to date

A7. MEMBERSHIP AND ROLES WITHIN NATIONAL SCIENTIFIC SOCIETIES

- 2012 - to date Member of the Italian Respiratory Society (SIP/IRS)
- Author of the SIP/IRS recommendation of the use of pneumococcal vaccinations
 - Director of the Italian Registry of adults with non-cystic fibrosis (CF) bronchiectasis (IRIDE) of the Italian Respiratory Society (SIP/IRS)
 - Coordinator of the National Audit on the management of adults with non-CF bronchiectasis

- Professor and/or Scientific Coordinator of the SIP HERMES National Summer School (years: 2011, 2012, 2013, 2014, 2016)
- Speaker and/or Scientific Coordinator of more than 20 scientific/educational events organized by SIP/IRS

2019 - to date	Chair of the Respiratory Infections Assembly of the Italian Respiratory Society (SIP/IRS)
2014-2018	Representative of the Young members of the Italian Respiratory Society (SIP/IRS)

A8. MEMBERSHIP AND ROLES WITHIN INTERNATIONAL SCIENTIFIC SOCIETIES

- Whitin the European Respiratory Society (ERS)

2016 – to date	Member of the ERS Clinical Research Collaborations Working Group
2020- to date	Chair of the ERS END-COVID Clinical Research Collaboration https://www.ersnet.org/research/end-covid---european-respiratory-network-for-data-sharing-in-covid19-
2020 – to date	Member of the Task Force of the ERS Living Guidelines on the management of COVID-19
2017 – to date	Member of the Task Force of the ERS Guidelines on severe community-acquired pneumonia
2014-to date	Founder of the European Bronchiectasis Registry (EMBARC; www.bronchiectasis.eu) Member of the EMBARC Steering Committee Member of the EMBARC Publication Committee
2018-to date	Work Package Leader of the ERS CRC EMBARC 2 for: Clinical Trials support and feasibility
2017- 2020	Curriculum Development Director of the European Respiratory Society (ERS) www.ersnet.org/the-society/who-we-are/leadership/education-council
2017-2020	Member of the ERS Educational Council
2016 - 2018	Member of the ERS Research Agency
2014-2017	Member of the ERS Executive Committee
2014-2017	Member of the ERS Science Council
2011-2014	Member of the ERS Educational Council
2014 - 2017	Head of the ERS Assembly of Respiratory Infections
2012 - 2014	Secretary of the ERS Assembly of Respiratory Infections
2014 - 2017	Member of the Task Force of the ERS Guidelines on adult non-CF bronchiectasis

2014- 2018	Member of the Management Council of the European Board for Accreditation in Pneumology (www.ebap.org)
2011 - 2012	Secretary of the Respiratory Infection Group (Group 10.1) of the Assembly of Respiratory Infections of the European Respiratory Society
2015-2018	Member of the Ad hoc Working Group on Tuberculosis Advocacy of the European Respiratory Society
2006 – to date	Member of the European Respiratory Society (n. 127147)

- Whitin the American College of Chest Physicians

2019- to date	Member of Respiratory Infections Committee of CHEST
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- Within the European Cystic Fibrosis Society

2017 – to date	Member of the Standard of Care Working Group of the European Cystic Fibrosis Society and coordinator of the Quality Standards for Adult CF Care project
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- Other International Roles

2014- to date	Member of the International Advisory Board of the German Bronchiectasis Registry (PROGNOSIS)
2015-to date	Member of the Executive Committee of ENIRRI
2015-2017	Director of the Community-Acquired Pneumonia Organization (www.caposite.com)

A9. AWARDS AND RECOGNITIONS

2007	Winner of the “2007 Young researcher award: respiratory infection etiologic diagnosis” of the European Respiratory Society
2006	Invited at the “4 th European Respiratory Network of Excellence” Brussels, Belgium

A10. VISITING PROFESSORSHIP

2018	Visiting Professorship, University of Sassari, Italy
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A11. EVALUATION ACTIVITIES IN THE CONTEXT OF NATIONAL COMPETITIVE SELECTION PROCEDURES

- 2018 Scientific Expert Reviewer of the 2017 AIFA Call for Protocols submitted to the Independent Clinical Research

A12. SPEAKER AT INTERNATIONAL CONGRESSES

- Invited speaker at 91 international congresses since 2011 to date especially on topics such as respiratory infections, bronchiectasis, non-tuberculous mycobacteria, cystic fibrosis, vaccinations and COPD

Date and Place	Title	Congress
20-22 January 2022, Milan, Italy	Designing clinical trials in bronchiectasis: a consensus definition	9th International Workshop on Lung Health
7 December 2021, Virtual Congress	Approach to the bronchiectasis patient with Pseudomonas	NYU LANGONE Bronchiectasis and Non-Tuberculous Mycobacteria Symposium
5-8 September, Virtual Congress	Are antimicrobials still the future of respiratory infection therapy?	ERS International Congress 2021
5-8 September, Virtual Congress	Antibiotic therapy for MAC-PD: managing common side-effects	ERS International Congress 2021
02 July 2021, Virtual Congress	Understanding how and when to treat patients once MAC-PD is identified	2nd European NTM & Bronchiectasis Workshop
01 July 2021, Virtual Congress	Definition of bronchiectasis	2nd European NTM & Bronchiectasis Workshop
26 June 2021, Virtual Congress	Three Key Aspects in the Management of Bronchiectasis	CHEST Congress 2021 (Italian Delegation)
21 May 2021, Virtual Congress	Role of infections and microbiome in chronic obstructive pulmonary diseases	Gaps & Knowledge in chronic respiratory diseases
27-28 May 2021, Virtual Congress	Clinical cases	ERS/ESCMID JOINT MASTERCLASS Pulmonary and pleural infections – from Acinetobacter to Zygomycosis
29 April 2021, Virtual Congress	Respiratory Diseases and COVID19	COVID-19: State of the Art – DRAGON IMI project
27 May 2021, Virtual Congress	From Pathogenesis to Clinical Management of Bronchiectasis	INTERNATIONAL DIGITAL SYMPOSIUM, Across Asthma, COPD & Covid 19: through the novelties
6 May 2021, Virtual Congress	Clinical and radiological aspects of the lung in COVID-19: sex/gender differences	GENDER DIFFERENCES IN COVID-19 PANDEMIC AROUND THE WORLD
14 April 2021, Virtual Congress	Prone positioning in non-intubated patients with COVID-19	Online Conference “Pulmonology and COVID-19”
27 February 2021, Virtual Congress	Why I have bronchiectasis – how far should we go in evaluating possible causes of bronchiectasis?	Bronchiectasis Patient Conference
15 January 2021, Virtual Congress	NTM-PD: from physician to patient and return	8th International Workshop on Lung health. Treatable Traits: a look forward
14 January 2021, Virtual Congress	Treatable trait IV: airway bacterial colonization. Treatments in the different	8th International Workshop on Lung health. Treatable Traits: a look forward

Date and Place	Title	Congress
	pathologies	
17 December 2020, Virtual Congress	Biomarkers to assess severity & prognosis	4 th WorldBronchiectasis & NTM Conference
9 September 2020, Virtual Congress	CAP Guidelines 2019: new and better?	European Respiratory Society International Congress 2020
7 September 2020, Virtual Congress	Who is the NTM patients?	European Respiratory Society International Congress 2020
17 January 2020 Prague, Czech Republic	Treatable Traits in Bronchiectasis: a new-old concept	7th International Workshop on Lung health
22 October 2019, New Orleans, USA	Pneumonia in Immunosuppressed patients	CHEST Congress 2019
21 October 2019, New Orleans, USA	Preventive Strategies in Patients with Pneumonia	CHEST Congress 2019
21 October 2019, New Orleans, USA	Challenges in Bronchiectasis Management	CHEST Congress 2019
7 July 2019 Wien, Austria	Bronchiectasis - idiopathic no more?	European Bronchiectasis & NTM Workshop
15 June 2019 Santiago de Compostela, Spain	EMBARC: El registro internacional de bronquiectasias mas grande del mundo	52° SEPAR Congress
17 January 2019, Nice, France	Inhaled antibiotic: where are we?	6th International Workshop on Lung health
13 June 2018, Washington DC, USA	Phenotyping in bronchiectasis	3 rd World Bronchiectasis Conference
18 May 2018, St. Petersburg, Russia	Cystic fibrosis bronchiectasis versus non-cystic fibrosis bronchiectasis	IX Annual Northwestern Scientific and Practical Conference on CYSTIC FIBROSIS with International Participation "Practice of Cystic Fibrosis Treatment: Microbiology, Pulmonology, Endocrinology Issues"
25 May 2018, Parma, Italy	Bronchiectasis	RESPIRATION DAY
9 June 2018, London, UK	Management of non-responsive pneumonia	EURODIME 2018, 2 nd European Respiratory Disease meeting
10 September 2018, Paris, France	Assessing the educational needs (individual, multi-disciplinary team, country, profession/specialty)	European Respiratory Society International Congres 2018

Date and Place	Title	Congress
10 September 2018, Paris, France	Diagnosing bronchiectasis and cystic fibrosis	European Respiratory Society International Congress 2018
20-23 June 2018, Lisboa, Portugal	Pulmonary nontuberculous mycobacterial diseases	Summer School of Adult Respiratory Medicine
20-23 June 2018, Lisboa, Portugal	Bronchiectasis	Summer School of Adult Respiratory Medicine
9 June 2018, Belgrad, Serbia	The implementation of best practice procedures around Europe	41 st European Cystic Fibrosis Conference
18 January 2018, Berlin, Germany	Bronchiectasis: Imaging, pulmonary function testing, LCI and what else?	5 th International Workshop on Lung Health
8 July 2017, Milan, Italy	Definition of Bronchiectasis	2nd World Bronchiectasis Conference
18 February 2017, Vicenza, Italy	Patógenos Multiresistentes en Neumonía Adquirida en la Comunidad.	ZResp Jornadas en respiratorio 2017
22 May 2017, WDC, USA	Pneumonia in Immunocompromising Metabolic Conditions	American Thoracic Society Conference 2017
20 May 2017, WDC, USA	Non-Tuberculous Mycobacteria Pulmonary Disease ATS/ERS Project Committee: Respiratory Health in Migrant and Refugee Populations	American Thoracic Society Conference 2017
24-25 May 2017, WDC, USA	How to implement research in pneumonia in the immunocompromised host	2nd Annual International Respiratory Infections Conference "Clinical & Translational Research in Pneumonia: Defining a Research Agenda for Today and Tomorrow"
19-21 January 2017, Budapest, Hungary	Management of NCFBE patients colonized with Pseudomonas aeruginosa	4th International Workshop on Lung Health
1 March 2017, Wien, Austria	Making the correct diagnosis of non-cystic fibrosis bronchiectasis and the role of imaging	European Society of Radiology Annual Congress 2017
7 June 2017, Basel, CH	Treating non-CF bronchiectasis	CHEST Congress 2017
9 September , 2017, Milan, Italy	Multidrug resistant bacteria in Community-acquired pneumonia	European Respiratory Society International Congress 2017
11 September , 2017, Milan, Italy	Diagnosis and treatment challenges in bronchiectasis	European Respiratory Society International Congress 2017
12 September , 2017, Milan, Italy	Bronchiectasis as friend of NTM – and viceversa	European Respiratory Society International Congress 2017

Date and Place	Title	Congress
12 September , 2017, Milan, Italy	Ceremony for the ERS Research Award: Innovation in Non-Tuberculous Mycobacteria Science and Medicine	European Respiratory Society International Congress 2017
6 May 2017, London, UK	Pneumonia or Exacerbation of COPD?	EUropean REspiratory Disease MEeting New Trends in Management of Lung Diseases
16 March 2017, Dubai	Pneumococcal and Influenza vaccination in Adults	Gulf Thoracic Congress 2017
17 March 2017, Dubai	Steroids for Community-acquired Pneumonia	Gulf Thoracic Congress 2017
17 March 2017, Dubai	The role of NTM in Bronchiectasis Patients	Gulf Thoracic Congress 2017
8 July 2017, Milan, Italy	Report of the EMBARC/BRR Bronchiectasis definition working group	2 nd World Bronchiectasis Conference 2017
7 May 2016, Porto, Portugal	Opportunities in bronchiectasis research	7th Portugese Bronchiectasis Study Group Meeting
15-17 April 2016, Shanghai, China	Definition of pneumonia and implications	CHEST World Congress 2016
15-17 April 2016, Shanghai, China	Bronchiectasis Treatment	CHEST World Congress 2016
15-17 April 2016, Shanghai, China	Antibiotic selection in CAP	CHEST World Congress 2016
9 March 2016, London, UK	Allergic bronchopulmonary aspergillosis	National Bronchiectasis Study Day
2-6 March 2016, Wien, Austria	Classification and impact of brnchiectasis	European Cogress of Radiology2016
2-5 March 2016, Leipzig, Germany	The EMBARC Roadmap	57 DGP Kongress
12-13 February 2016, Barcelona, Spain	MRSA management: the GLIMP study	21st International Symposium n infections in the critically ill patient
5-7 February 2016, Pune, India	Cardiovascular diseases in patients with COPD	2nd International COPD conference
15-17 January 2016, Monaco	Pneumonia or exacerbation of COPD?	3rd International workshop on lung health
24-28 October 2015, Montreal, Canada	Pro - Should we change the name HCAP and go back to CAP?	ACCP Congress CHEST Annual Meeting 2015

Date and Place	Title	Congress
17 October 2015, Novi Sad, Serbia	MDR pathogens in patients with CAP	4th Congress of Respiratory Medicine, Serbia 2015
26-30 September 2015, Amsterdam, The Netherlands	Non-CF bronchiectasis: Understanding the heterogeneity of the disease	European Respiratory Society International Congress 2015
26-30 September 2015, Amsterdam, The Netherlands	Should we change our antibiotic strategy in AECOPD or CAP+COPD patients?	European Respiratory Society International Congress 2015
7 May 2015, Chisinau, Moldova	MDR-pathogens in community-acquired pneumonia	Emerging drug-resistant pathogens in respiratory infectious diseases, DAAD
7-11 March 2015, Isfahan, Iran	Chronic infection with non-tuberculous mycobacteria in patients with non-CF bronchiectasis: comparison with other pathogens	1st Asian African Congress of Mycobacteriology
4-7 March 2015, Dubai	Multidrug-resistant pathogens in patients with CAP	Gulf Thoracic Congress 2015
4-7 March 2015, Dubai	Non-CF Bronchiectasis: A renewed interest to pulmonologists	Gulf Thoracic Congress 2015
25-30 October 2014, Austin, TX, USA	Differentiating common pathogens from emergent pathogens in patients with acute respiratory infections: MRSA	ACCP Congress CHEST Annual Meeting 2014
10-13 May 2014, Barcelona, Spain	The European perspective of community-acquired pneumonia (CAP) and health-care associated pneumonia (HCAP)	24th ECCMID International congress of the European Society of clinical microbiology and infectious diseases
12-14 December 2013, Monaco	NIV: state of the art	1st International workshop on lung health. COPD: the new paradigms
11 October 2013, Mendoza, Argentina	Ultrasonografia pulmonar en neumonia	41° Congreso Argentino de Medicina Respiratoria
11 October 2013, Mendoza, Argentina	Cardiovascular events in penumonia	41° Congreso Argentino de Medicina Respiratoria
12 October 2013, Mendoza, Argentina	Evaluando la estabilidad clinica, riesgos para multiresistentes y manejo en terapia intensiva	41° Congreso Argentino de Medicina Respiratoria
12 October 2013, Mendoza, Argentina	Duracion del tratamiento antibiotico en neumonia	41° Congreso Argentino de Medicina Respiratoria
14 October 2013, Mendoza, Argentina	Casos clinicos en infecciones pulmonares	41° Congreso Argentino de Medicina Respiratoria

Date and Place	Title	Congress
22-24 March 2013, Prague, Czech Republic	Role of vaccines in preventing pneumococcal disease	2nd ESCMID Conference on the Impact of Vaccines on Public Health
20 October 2015, Barcelona, Spain	ERS Framework	ENIRRI Meeting
17-20 June 2015, Barcelona, Spain	Respiratory Infections	European respiratory Society Adult HERMES Summer School,
17-20 June 2015, Barcelona, Spain	TB and emerging pandemic pathogens	European respiratory Society Adult HERMES Summer School,
20-21 May 2015, Denver, CO, USA	Multidrug-resistant pathogens in CAP	CAPO Research Symposium Clinical & translational research in pneumonia, influenza and emerging respiratory pathogens: defining a research agenda for today and tomorrow
23 January 2015, Barcelona, Spain	Update on the EMBARC research roadmap	EMBARC Meeting
7-10 July 2014, Milan, Italy	How to solve MCQs for the Hermes Examination	HERMES National Summer School 2014
6-9 May 2013, Milan, Italy	How to solve MCQs for the Hermes Examination Pulmonary Vascular Diseases	HERMES National Summer School (ERS)
9-12 July 2012, Milan, Italy	Diagnostic Test	HERMES National Summer School (ERS)
12-15 December 2011, Milan, Italy	Diagnostic Test	HERMES National Summer School (ERS)
12-15 December 2011, Milan, Italy	Interstitial lung diseases	HERMES National Summer School (ERS)
12-15 December 2011, Milan, Italy	Pulmonary vascular diseases	HERMES National Summer School (ERS)

- Invited speaker at more than 224 national congresses since 2005 to date especially on topics such as non-invasive ventilation, respiratory infections, bronchiectasis, non-tuberculous mycobacteria, cystic fibrosis, vaccinations and COPD exacerbations

B. TEACHING ACTIVITIES

B1. MEMBER IN PhD COMMITTEES

- Effective member of the jury for the final exam of the PhD in Translational Medicine, 2021, University of Pavia
- International member during the public defense of the PhD thesis entitled "Exploration of challenging phenotypes in COPD: *Aspergillus fumigatus*, bronchiectasis and asthma-COPD overlap"; Promoter: Prof. W Janssens; Co-promoter: Prof B Vanaudenaerde and Prof L Dupont; PhD: Stephanie Everaerts; 25 September 2018, Leuven, Belgium

B2. TEACHER/LECTURER IN MASTERS

- Since 2008 to date, teacher/lecturer for the following Masters for the University of Milan and the University of Milan-Bicocca:

Academic Year	Teaching	Master
2020/2021	Non-tuberculous mycobacteria as emerging global threat Chronic obstructive pulmonary diseases: burden, impact, response at global level	II Level Master in Global Health C1.8 course, "Global health challenges: infectious diseases, non communicable diseases, maternal and child health", University of Milan
2020/2021	Blood Gas Analysis Non-CF Bronchiectasis	I Level Master in Cardiorespiratory And Critical Area Physiotherapy, University of Milan
2019/2020	Blood Gas Analysis Non-CF Bronchiectasis	I Level Master in Cardiorespiratory And Critical Area Physiotherapy, University of Milan
2018/2019	Blood Gas Analysis Non-CF Bronchiectasis	I Level Master in Respiratory Physiotherapy and Rehabilitation, University of Milan
2017/2018	Acute and Chronic Respiratory failure Non-CF Bronchiectasis	I Level Master in Respiratory Physiotherapy and Rehabilitation, University of Milan
2016/2017	Acute and Chronic Respiratory Failure Non-Invasive Ventilation Indications and Contraindications of the application of a PEEP	I Level Master in Respiratory Physiotherapy and Rehabilitation, University of Milan
2015/2016	Non-Invasive Ventilation	I Level Master in Respiratory Physiotherapy and Rehabilitation, University of Milan
2014/2015	Non-Invasive Ventilation	I Level Master in Respiratory Physiotherapy and Rehabilitation, University of Milan
2013/2014	Non-Invasive Ventilation	I Level Master in Respiratory Physiotherapy and Rehabilitation, University of Milan
2012/2013	Non-Invasive Ventilation	I Level Master in Respiratory Physiotherapy and Rehabilitation, University of Milan

Academic Year	Teaching	Master
2011/2012	Blood Gas Analysis Acute and Chronic Respiratory Failure Non-Invasive Ventilation	I Level Master in Respiratory Physiotherapy and Rehabilitation, University of Milan
2011/2012	Management of the dyspnea in the end-stage respiratory diseases Long-Term Oxygen Therapy	I Level Master in Palliative care University of Milan-Bicocca
2010-2011	Blood Gas Analysis Non-Invasive Ventilation	I Level Master in Respiratory Physiotherapy and Rehabilitation, University of Milan
2010/2011	Lung Ultrasonography	II Level Master in Intensive Care University of Milan
2010/2011	Management of Respiratory Failure Neuromuscular Diseases	I Level Master in Palliative care University of Milan-Bicocca
2009/2010	Blood Gas Analysis Non-Invasive Ventilation	I Level Master in Respiratory Physiotherapy and Rehabilitation, University of Milan
2008/2009	Blood Gas Analysis Acute and Chronic management of Mechanical Ventilation	I Level Master in Respiratory Physiotherapy and Rehabilitation, University of Milan

B3. TEACHING IN FELLOWSHIP PROGRAMS IN MEDICAL SCHOOLS

- Teacher/Lecturer and Member of the following Fellowship Programs:

Academic Years	Role
2020/2021 2019/2020 2018/2019 2017/2018 2016/2017	Teacher/Lecturer and Member of the Fellowship Program in Respiratory Diseases University of Milan
2020/2021	Teacher/Lecturer and Member of the Fellowship Program in Dermatology University of Milan
2020/2021 2019/2020 2018/2019 2017/2018	Teacher/Lecturer and Member of the Fellowship Program in Thoracic Surgery University of Milan
2020/2021 2019/2020	Teacher/Lecturer and Member of the Fellowship Program in Cardiac Surgery (since 10.1.19) University of Milan

2015/2016 2014/2015 2013/2014 2012/2013 2011/2012	Teacher/Lecturer and Member of the Fellowship Program in Respiratory Diseases University of Milan-Bicocca
2015/2016 2014/2015 2013/2014 2012/2013 2011/2012	Teacher/Lecturer and Member of the Fellowship Program in Cardiology University of Milan-Bicocca
2015/2016 2014/2015 2013/2014 2012/2013 2011/2012	Teacher/Lecturer and Member of the Fellowship Program in Emergency Medicine University of Milan-Bicocca
2015/2016 2014/2015 2013/2014 2012/2013 2011/2012	Teacher/Lecturer and Member of the Fellowship Program in Nephrology University of Milan-Bicocca

• Teacher/Lecturer for the Fellowship Programs of the University of Milan:

Academic years	Felloeship Program	Code	Teaching	Number of hours
2019/2020	Fellowship Program in Thoracic Surgery (Year: II), University of Milan	97S-17	Respiratory Diseases	7
2018/2019	Fellowship Program in Respiratory Diseases (Year: I, II, III, e IV), Fellowship Program in Cardiac Surgery (Year: II), Fellowship Program in Vascular Surgery (Year: II), University of Milan	96S-5	English 2	12
2018/2019	Fellowship Program in Respiratory Diseases (Year: I, II, III, e IV), Fellowship Program in Cardiac Surgery (Year: II), Fellowship Program in Vascular Surgery (Year: II), University of Milan	96S-16	Respiratory Diseases	4
2018/2019	Fellowship Program in Thoracic Surgery (Year: II), University of Milan	97s-17	Respiratory Diseases	7
2017/2018	Fellowship Program in Respiratory Diseases (Year: I, II, III, e IV), University of Milan	25S-39	Pulmonary Hypertension	2
2017/2018	Fellowship Program in Respiratory Diseases (Year: I, II, III, e IV) Fellowship Program in Thoracic Surgery (Year: II), Fellowship Program in Vascular Surgery (Year di corso: II), University of Milan	69S-16	Respiratory Diseases 1	7
2017/2018	Fellowship Program in Cardiac Surgery, University of Milan	65S-13	Respiratory Diseases	7
2016/2017	Fellowship Program in Respiratory Diseases (Year: I, II, III,	69S-16	Respiratory	8

	IV e V), University of Milan		Diseases 1	
2015/2016	Fellowship Program in Respiratory Diseases (Year: I, II, III, IV e V), University of Milan	25S-46	Bronchoscopy	10
2015/2016	Fellowship Program in Respiratory Diseases (Year: I, II, III, IV e V), University of Milan	69S-9	English 1	4
2015/2016	Fellowship Program in Respiratory Diseases (Year: I, II, III, IV e V), University of Milan	25S-21	English 2	14
2015/2016	Fellowship Program in Respiratory Diseases (Year: I, II, III, IV e V), University of Milan	69S-16	Respiratory Diseases	6

B4. COORDINATOR ROLE AND TEACHER/LECTURER FOR THE INTERNATIONAL MEDICAL SCHOOL, UNIVERSITY OF MILAN

- Director of the integrated course of System Diseases 2, International Medical School, University of Milan, from the academic year 2018/2019 to date (approved in the academic board on 16/11/2018)
- Teacher/Lecturer of the integrated course of System Diseases 2, International Medical School, University of Milan, from academic year 2016/2017 to date
- Member of the teaching commission of the International Medical School of the University of Milan

Academic Year	Universit	Code	Course	Module	Hours
2019/2020	International Medical School, University of Milan	D56-141	Clinical practice 5th year (d56-141.20.1; MED/10)	Internal Medicine	3
2019/2020	International Medical School, University of Milan	D56-106	System Diseases 2	Respiratory Diseases	15
2019/2020	International Medical School, University of Milan	D56-106	System Diseases 2 (Clerkship)	Respiratory Diseases	12.5
2018/2019	International Medical School, University of Milan	D56-106	System Diseases 2	Respiratory Diseases	27
2018/2019	International Medical School, University of Milan	D56-140	System Diseases 2 (Clerkship)	Respiratory Diseases	25
2017/2018	International Medical School, University of Milan	D56-106	System Diseases 2	Respiratory Diseases	12
2016/2017	International Medical School, University of Milan	D56-106	System Diseases 2	Respiratory Diseases	8

B5. COORDINATOR ROLE AND TEACHER/LECTURER FOR COURSES IN THE MEDICAL SCHOOL

- Teacher/Lecturer since the academic year 2021/2022 to date for Humanitas University

Academic Year	University	Code	Description	Module	Hours
2021/2022		D51-65	Semeiotics and pathology of the apparatus I	Respiratory Diseases	6 (Non-formal Teaching) 12 (Lecture)

- Teacher/Lecturer since the academic year 2016/2017 to June 2021 for the University of Milan

Academic Year	University	Code	Description	Module	Hours
2019/2020	Medicina e Chirurgia, Polo Centrale, University of Milan	D51-65	Semeiotics and pathology of the apparatus I	Respiratory Diseases	6 (Non-formal Teaching) 12 (Lecture)
2019/2020	Medicina e Chirurgia, Linea San Donato, University of Milan	D51-65	Semeiotics and pathology of the apparatus I	Respiratory Diseases	8 (Non-formal Teaching) 18 (Lecture)
2018/2019	Medicina e Chirurgia, Polo Centrale, University of Milan	D51-65	Semeiotics and pathology of the apparatus I	Respiratory Diseases	14 (Lecture)
2017/2018	Medicina e Chirurgia, Polo Centrale, University of Milan	D51-65	Semeiotics and pathology of the apparatus I	Respiratory Diseases	18
2017/2018	Medicina e Chirurgia, Polo Centrale, University of Milan	D51-85	Semeiotics and pathology of the apparatus I (Clerkship)	Respiratory Diseases	50

- Teacher/Lecturer since the academic year 2011/2012 to the academic year 2015/2016 for the School of Medicine and Surgery of the University of Milan-Bicocca

Academic Year	University	Description
2015/2016 2014/2015 2013/2014 2012/2013 2011/2012	Nursing Course, Nursing Assistance in Specialized Medicine, Respiratory Diseases	- Lessons for 60-70% of the total hours assigned to the Respiratory Diseases Course during all the five academic years - Examiner (written test) at the end of the course during all the five academic years
2015/2016 2014/2015 2013/2014 2012/2013 2011/2012	Semeiotics and Systematics I Course, Respiratory Diseases	- Lessons for 50-65% of the total hours assigned to the Respiratory Diseases Course for all the 4 academic years - Student tutoring service - Examiner (written and oral test) at the end of the course during all the 4 academic years

B6. COORDINATOR AND TEACHER/LECTURER FOR ELECTIVE COURSES

- Coordinator and/or Teacher/Lecturer for the following Elective Courses at the University of Milan and University of Milan-Bicocca:

Academic Year	Elective Course	Hours	Role
2020/2021	Multidisciplinary approach to SARS-CoV-2, University of Milan	4	Teacher/Lecturer
2019/2020	Introduction to non-invasive ventilation (D51-182) University of Milan	1	Teacher/Lecturer
2018/2019	Sleep Disorders (D51-112) University of Milan	2	Teacher/Lecturer
2018/2019	Introduction to non-invasive ventilation (D51-134) University of Milan	3	Teacher/Lecturer
2017/2018	Bronchiectasis University of Milan		Director and Teacher/Lecturer
2014/2015	Lung Ultrasonography (H4101D127) University of Milan-Bicocca	10	Director and Teacher/Lecturer
2014/2015	Smoking Cessation (H4101D223) University of Milan-Bicocca	18	Director
2013/2014	Lung Ultrasonography (H4101D127) University of Milan-Bicocca	10	Director and Teacher/Lecturer
2013/2014	Smoking Cessation (H4101D223) University of Milan-Bicocca	18	Director
2012/2013	Lung Ultrasonography (I0201D027) University of Milan-Bicocca	18	Director and Teacher/Lecturer
2012/2013	Smoking Cessation (H4101D223) University of Milan-Bicocca	12	Director
2012/2013	Diffuse Parenchymal Lung Diseases (H4101D090) University of Milan-Bicocca	21	Teacher/Lecturer
2012/2013	Non-invasive ventilation (H4101D089) University of Milan-Bicocca	18	Teacher/Lecturer
2011/2012	Lung Ultrasonography (H4101D090) University of Milan-Bicocca	18	Director and Teacher/Lecturer
2011/2012	Non-invasive ventilation (H4101D089) University of Milan-Bicocca	18	Teacher/Lecturer

B7. RAPPORTEUR, CO-RAPPORTEUR AND MENTOR FOR THESIS OF STUDENTS IN MEDICAL SCHOOLS, FELLOWS OF RESPIRATORY DISEASES, BIOLOGISTS AND BIOTECHNOLOGISTS

Year	Student	Title	Final Vote	Role
Humanitas University				
2020/2021	Lucia Allavena	Prevalence and risk factors for lack of response to remdesivir in hospitalized patients with COVID-19 pneumonia: a real-life study	110/110 cum laude	Rapporteur
2020/2021	Gianmarco Putti	The impact of COVID-19 clinical features on HR-QoL of patients discharged from a northern Italy hub hospital. Novel needs of a growing population, a prospective cohort study.	110/110 cum laude	Rapporteur
University of Milan				
2019/2020	Carlotta Di Francesco	Role of Cathepsin-G as a new biomarker in the sputum of bronchiectasis patients	110/110 cum laude	Co-rapporteur
2019/2020	Linda Bassi	Functional and Biological effects of the introduction of long-term azithromycin treatment in lung transplanted patients (Thesis at the end of the Fellowship Program in Respiratory Diseases)	70/70 cum laude	Rapporteur
2017/2018	Nicolò Vanoni	First look at the Italian Registry of pulmonary non-tuberculous mycobacteria (Thesis at the end of the Fellowship Program in Respiratory Diseases)	70/70 cum laude	Rapporteur
2016/2017	Elisa Franceschi	Bronchiectasis as a genetic disease	110/110 cum laude	Co-rapporteur
2016/2017	Andrea Gramegna	The role of airway glucose in adult patients with cystic fibrosis (Thesis at the end of the Fellowship Program in Respiratory Diseases)	70/70 cum laude	Co-rapporteur
2015/2016	Cattaneo Benedetta	Role of the respiratory rehabilitation in adult patients with bronchiectasis (Thesis at the end of the Fellowship Program in Respiratory Diseases)	70/70	Co-rapporteur
2012-2013	Fabio Giuliani	Individualization of the duration of the antibiotic therapy in patients with community-acquired pneumonia: a randomized, controlled study	110/110	Co-rapporteur
2011-2012	Vanessa Nunziata	Alterations of cardiovascular nervous control in patients with community-acquired pneumonia	110/110 cum laude	Co-rapporteur
2010-2011	Andrea Gramegna	The role of ultrasound of the diaphragm in the pneumological evaluation of Steinert's myotonic dystrophy	110/110 cum laude	Co-rapporteur

Year	Student	Title	Final Vote	Role
2009-2010	Letizia Corinna Morlacchi	Inflammation and prognosis of community-acquired pneumonia: a prospective observational study	110/110 cum laude	Co-rapporteur
2008-2009	Marta Francesca Di Pasquale	Assessment of the incidence, risk factors and mortality of healthcare associated pneumonia (HCAP): prospective observational study	110/110 cum laude	Co-rapporteur
2008-2009	Pietro Bianchi	Air pollution and access to the emergency room: prospective observational study	106/110	Co-rapporteur
2008-2009	Giulia Salomoni	Clinical failure in hospitalized pneumonia: a prospective observational study	110/110	Co-rapporteur
2008-2009	Elena Magni	Exacerbations of the chronic obstructive pulmonary disease: role of biochemical markers	110/110 cum laude	Co-rapporteur
2007-2008	Valeria Rossetti	Prospective observational study on the association between community-acquired pneumonia and cardiovascular events	110/110 cum laude	Co-rapporteur
2007-2008	Sabrina Della Patrona	Prospective, observational study on HCAP admitted to IRCCS Fondazione POMARE (Thesis at the end of the Fellowship Program in Respiratory Diseases)	70/70 cum laude	Co-rapporteur
University of Milan-Bicocca				
2015-2016	Edoardo Simonetta	Role of viruses in exacerbations of bronchiectasis	110/110	Co-rapporteur
2014-2015	Stefano Carlo Zucchetti	Role of viruses in adult patients with bronchiectasis. Prospective observational study.	110/110 cum laude	Co-rapporteur
2013-2014	Valentina Paolini	Individualization of treatment with CPAP diving suit in acute respiratory failure from pneumonia (Thesis at the end of the Fellowship Program in Respiratory Diseases)	70/70 cum laude	Co-rapporteur
2012-2013	Sara Lonni	Predictors of negative outcome in patients with bronchiectasis: a prospective cohort study	110/110	Co-rapporteur
2012-2013	Mauro Belotti	Prognostic factors in treatment with CPAP diving suit of the hospitalized pneumonia	104/110	Co-rapporteur
2011-2012	Francesco Mulè	Ultrasound of the diaphragm in the respiratory evaluation of the patient with amyotrophic lateral sclerosis	95/110	Co-rapporteur
2010-2011	Giulia Bonaiti	Pulmonary oxidative stress induced by environmental pollution in exposed subjects: a prospective observational study	110/110 cum laude	Co-rapporteur
Università of Oriental Pedemont				

Year	Student	Title	Final Vote	Role
2018/2019	Martina Ghiorzo	Microbiome diversity and Neutrophil elastase's activity in sputum of Bronchiectasis patients		Co-rapporteur
2019/2020	Sabrina Bettini	DNA extraction from bronchiectasis patients	90/110	Tutor
2019/2020	Siwar Ben Aouicha	Real time PCR in the study of bacterial infections in bronchiectasis	93/110	Tutor

B8. INTERNATIONAL EDUCATIONAL ROLES

2014 - 2018	Member of the European Board for Accreditation in Pneumology (EBAP) Management Council (www.ebap.org)
2017- 2020	Curriculum Development Director of the European Respiratory Society (ERS) www.ersnet.org/the-society/who-we-are/leadership/education-council

C. CLINICAL ACTIVITIES

C1. ROLES

1.7.2021-to date	Director Respiratory Unit (both COVID19 and non-COVID19 units) Humanitas Research Hospital Via Alessandro Manzoni 56, Rozzano, Milan, Italy
11.03.2020-30.6.2021	Coordinator of the COVID19 High Dependency Unit (41 beds from March 2020 to June 2020 and 43 beds from September 2020 to date) UOC Pneumologia e Centro Fibrosi Cistica dell'Adulto IRCCS Fondazione Cà Granda, Ospedale Maggiore Policlinico, Milan, Italy
1.9.2016 –30.6.2021	Director of the Bronchiectasis, Primary Ciliary Dyskinesia and Pulmonary Non-Tuberculous Mycobacteria Programs (>850 adults in active follow up within a multidisciplinary program) UOC Pneumologia e Centro Fibrosi Cistica dell'Adulto IRCCS Fondazione Cà Granda, Ospedale Maggiore Policlinico, Milan, Italy
1.8.2016 – 30.6.2021	Attending / Consultant UOC Pneumologia e Centro Fibrosi Cistica dell'Adulto IRCCS Fondazione Cà Granda, Ospedale Maggiore Policlinico, Milan, Italy
1.8.2011 – 31.3.2016	Attending / Consultant Clinica Pneumologica e Sub-intensiva Respiratoria AO San Gerardo, Monza Director of the Bronchiectasis Clinic (>350 patients)

1.8.2009 – 30.11.2010	Attending / Consultant U.O. Broncopneumologia IRCCS Fondazione Cà Granda, Ospedale Maggiore Policlinico, Milan
10.9.2008 – 1.7.2009	Attending / Consultant U.O. Medicina d'Urgenza ed Accettazione Istituto Clinico Humanitas, Rozzano, Milan
9.6.2008 – 9.9.2008	Attending / Consultant U.O. Broncopneumologia IRCCS Fondazione Cà Granda, Ospedale Maggiore Policlinico, Milan
1.4.2008 – 31.5.2008	Attending / Consultant U.O. Medicina d'Urgenza ed Accettazione Istituto Clinico Humanitas, Rozzano, Milan
1.11.2007 – 31.5.2008	Attending / Consultant U.O. Broncopneumologia IRCCS Fondazione Cà Granda, Ospedale Maggiore Policlinico, Milan
1.1.2008 – 31.5.2008	Medical Doctor Casa di cura privata "Capitanio", Istituto Auxologico, Milan

C2. SPECIFIC CLINICAL SKILLS

1. Respiratory High Dependency Unit and Non-Invasive Mechanical Ventilation

- Stefano Aliberti developed clinical skills in the management of critically ill patients undergoing non-invasive mechanical ventilation (NIV) since the early 2000s (his thesis for medical school was on the treatment with CPAP of patients with acute cardiogenic pulmonary edema and he was a clinical intern at the Respiratory High dependency Unit of the St. James University Hospital in Leeds, UK, under the guidance of Dr Mark Elliott). From 2002 to 2010, he joined the NIV Group of the Policlinico Hospital in Milan: this was a multidisciplinary team of emergency physicians, pulmonologists and critical care physicians that spread the use of the NIV within the Policlinico Hospital under the guidance of Dr Roberto Cosentini (Director of the Emergency Department of the Papa Giovanni XXIII Hospital in Bergamo, Italy). The group developed and implemented different diagnostic-therapeutic-assistance pathways within the Policlinico Hospital for the management of patients in acute respiratory failure (e.g. COPD exacerbation, acute pulmonary edema, pneumonia) undergoing NIV not only in the emergency room but also among different departments in the Policlinico Hospital. For seven consecutive years Stefano Aliberti conducted internal educational courses at the Policlinico Hospital and for the Italian Society of Emergency Medicine and Pneumology to train doctors, nurses and physiotherapists in the management of acute respiratory failure and treatment with NIV. He is the author of one of the most successful national and international manuals ("The ABC of the non-invasive mechanical ventilation in urgency", published by McGraw Hill) on non-invasive mechanical ventilation published in 2010 and translated into English and Chinese. From 2004 to 2010 he provided daily assistance within the Respiratory High Dependency Unit (4 monitored beds) within the Pulmonary Unit of the Policlinico di Milan directed by Prof. Francesco Blasi, managing both patients coming from the emergency room and patients transferred from other hospitals, as well as patients undergoing weaning from invasive ventilation and tracheostomized patients (mainly suffering from neuromuscular diseases).

- During the five years (2011-2016) in which he worked as an attending/consultant in the Respiratory High Dependency Unit of the San Gerardo Hospital in Monza under the guidance of Prof. Alberto Pesci, he managed both NIV and tracheostomised patients coming from the community and the intensive care unit. This and previous experiences guaranteed the acquisition not only of technical ventilation skills but also of complex processes of care and management of critically ill patients in collaboration with other specialists including emergency and critical care physicians, and respiratory physiotherapists. During these years he managed not only patients in the Respiratory High Dependency Unit but also critically ill patients in the emergency room and in different departments of the San Gerardo Hospital who underwent an emergency NIV treatment.

2. Direction of the Bronchiectasis Program of the Policlinico Hospital in Milan

- Stefano Aliberti developed a clinical and scientific interest for all chronic and acute respiratory infections. In 2012 he developed the first II Level Bronchiectasis Clinic in Italy at San Gerardo Hospital in Monza where for 4 consecutive years he managed more than 350 adults with bronchiectasis during both stable state and exacerbations (hospitalizations, management of complications).
- After moving to the Policlinico Hospital in Milan, since September 2016 he directs the Bronchiectasis, Primary Ciliary Dyskinesia and Pulmonary Non-Tuberculous Mycobacteria Programs, coordinating a multidisciplinary team made up of three pulmonologists, three respiratory physiotherapists, two ENT doctors, a clinical immunologist, a gastroenterologist, a geneticist, two genetic biologists, a radiologist, two thoracic surgeons, two nurses and two biologists. The Program currently includes more than 850 adults with bronchiectasis (25% coming from outside the Lombardy Region) who are followed every 2, 4, 6 or 12 months and who can contact the program through dedicated email and mobile phones. He played an active role in promoting the birth of the first Italian (and European) association of patients with bronchiectasis.

3. Rare diseases, cystic fibrosis and lung transplant

- Stefano Aliberti directs the Primary Ciliary Dyskinesia program at the Policlinico Hospital in Milan and follows adult patients suffering from this disease within the Bronchiectasis Program according to standard operating procedures (about 30 patients in active follow-up) from diagnosis to management of complications.
- He is in charge of the multidisciplinary outpatient clinic for adult patients suffering from pulmonary non-tuberculous mycobacteria which he carried out once a week (in the pre-COVID10 era) together with an Infectious Diseases physician of the Policlinico Hospital according to standard operating procedures approved by the hospital (about 50 patients in active follow-up).
- He is the contact person for Alpha1-Antitrypsin Deficiency in the Pulmonology Unit and he follows patients on replacement therapy.
- From 2006 to 2010 and from 2016 to date, he carried out clinical activities within the Regional Reference Center for Adult Cystic Fibrosis of the Policlinico Hospital in Milan (about 300 patients in active follow-up) directed by Prof. Francesco Blasi providing daily clinical assistance to adult patients who were admitted because of complications (e.g. exacerbations, haemoptysis, etc.) and to those evaluated in the outpatient clinic.
- From 2016 to date, he carries out clinical activities in the Lung Transplant Center of the Policlinico Hospital in Milan (about 150 patients in active follow-up) providing daily clinical assistance to both patients in the waiting list and those who are hospitalized for post-transplant complications.

4. General Pulmonary Activity and Bronchoscopy

- During the years spent both at the Policlinico Hospital in Milan and at the San Gerardo Hospital in Monza, Stefano Aliberti carried out tasks in the general pulmonology field, taking care of patients with lung cancer, those with bronchial, parenchymal, pleural, and interstitial respiratory diseases, and OSAS. He consolidated his clinical and technical skills including bronchoscopy, thoracentesis, pleural drainage, lung ultrasound, polysomnography and respiratory function tests.
- The Respiratory Department of the San Gerardo Hospital is a regional reference center for Idiopathic Pulmonary Fibrosis and other interstitial lung diseases. Under the guidance of Prof. Alberto Pesci, Stefano Aliberti acquired skills in the diagnosis and treatment of interstitial lung diseases both during stable phase and during hospitalization.
- During the years he spent at the San Gerardo Hospital, he and his colleagues guaranteed 24/7 coverage of the bronchoscopy service for the entire hospital. This led Stefano Aliberti to acquire bronchoscopic skills even in urgency such as removal of foreign bodies (always in adults), and bronchial toilet. In the pre-COVID19 era, he performed weekly diagnostic bronchoscopies for patients followed within the Bronchiectasis Program of the policlinico Hospital in Milan
- Chest ultrasound; Spirometry; Plethysmography; Methacholine test; Mantoux test (PPD, Tuberculin); Arterial Blood Gas Analysis; Walking test; Night oximetry; Induced sputum; Fibrobrchoscopy; Polysomnography; Thoracentesis; Pleural Drains; Management of tracheostomy cannula; Non-invasive mechanical ventilation; Prone positioning in patients undergoing non-invasive mechanical ventilation

FOREIGN LANGUAGES

- English

Level 1 First Certificate in English (ESOL), Council of Europe Level B2, University of Cambridge, UK. March 2004, Milan

Certificate of studies, intermediate level, Language Course in English, Educational English Culture, 15 July 1995, Malta

English Language Course, University Collage of Wales, Aberystwyth, Lower intermediate, 21 July, 1991, Wales, UK

- French

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Signature