

Personal Details

Name: Federico Mei

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Date and place of birth: 26/06/1978, Fano (PU), Italy

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Education:

University: Università Politecnica delle Marche, Ancona, Italy

School: Classics High school "G. Nolfi" – Fano (PU), Italy

Current work:

- **Associate Professor of Respiratory Medicine**
Departement of Biomedical Sciences and Public Health - Polytechnic University of Marche - Italy
- **Senior Lecturer**
Departement of Biomedic Sciences and Public Health - Polytechnic University of Marche - Italy
- **Consultant in Respiratory Medicine and Interventional Pulmonology**
Pulmonology Unit, Dept of Internal Medicine - University Hospital; Ancona, Italy
- **Associate Professor of Respiratory Medicine and Pleural diseases**
Respiratory Diseases Graduate School; Departement of Biomedical Sciences and Public Health - Polytechnic University of Marche - Italy
- **Clinical Observer**
Oxford Pleural Unit; Oxford University Foundation Hospitals Trust

Society membership:

- **European Respiratory Society** – 2012 to present
Member of the Study Groups "ERS 14.03 - Ultrasound" and "ERS 11.02 - Pleural and Mediastinal malignancies" and "ERS 14.01 - Interventional Pulmonology" of the European Respiratory Society
- **Italian Hospital Pulmonologist Association (AIPO) - Italian Thoracic Society (ITS)** – 2011 to 2023
- **Italian Respiratory Society (IRS)** – 2022 to present
- **United Kingdom Pleural Society (UKPS)** – 2022 to present

Committees:

- **European Respiratory Society** Chair of Clinical Research Collaboration International Multicentre Pleural Research Collaborative (IMPACT) – formerly named "International Collaborative Effusions – ICE database" – 2022 to present
- **European Respiratory Society** Statement on Benign Effusion Taskforce (Member) – 2021 to 2024
- **European Respiratory Society** Statement on Ultrasound-guided interventions Taskforce (Member) – 2023 to present
- **United Kingdom Pleural Society (UKPS)** – 2024

Research

- Italian multicentre observational study on clinical outcomes, prognostic predictors and treatment approach of Infectious Pleural effusion and Empyema – **IMPLE study** (PI) – 2021 to present
- The INTERnational Multicenter STudy of Pleural INfection (**INTERMITTENT**): a point prevalence survey of the global aetiology, management and outcomes of pleural infection – 2024 ongoing
- A Randomized, Double-blind, Placebo-controlled, Multinational, Phase 3 Study of the Efficacy and Safety of Inhaled Treprostinil in Subjects with Idiopathic Pulmonary Fibrosis (**TETON-2 study**) (PI) – 2022 to present
- A Randomized, Double-blind, Placebo-controlled, Phase 3 Study of the Efficacy and Safety of Inhaled Treprostinil in Participants with Progressive Pulmonary Fibrosis (**TETON-PPF**) (PI) – 2022 to present

Editorial work:

- **Respiratory Research** – Associate editor
- **BMC Pulmonary Medicine** – Editorial board
- **Frontiers in Medicine, Pulmonary medicine** – Reviewer Editor
- **ERJ, Thorax, ERJ Open Research, Breathe, Clinical Respiratory Journal, International Journal of Clinical Practice, BMC Pulmonary Medicine, Diagnostics, Journal of Clinical Medicine** – Reviewer

Conference and Congress:

- Invited speaker **ERS Congress 2020, 2021 (Virtual), 2023 (Milan)**
- Invited speaker **AIPO Italian Congress Respiratory Medicine - 2023**
- Chair of Pleural Disease session at **SIP Italian Congress Respiratory Medicine - 2024**

Publications:

1. Sorino, C.; Feller-Kopman, D.; **Mei, F.**; Mondoni, M.; Agati, S.; Marchetti, G.; Rahman, N.M. Chest Tubes and Pleural Drainage: History and Current Status in Pleural Disease Management. **J. Clin. Med.** **2024**, **13**, **6331**.
2. Sundaralingam A, Grabczak EM, Burra P, Costa MI, George V, Harriss E, Jankowska E, Janssen JP, Karpathiou G, Laursen CB, Maceviciute K, Maskell N, **Mei F**, Nagavci B, Panou V, Pinelli V, Porcel JM, Ricciardi S, Shojaee S, Welch H, Zanetto A, Udayaraj UP, Cardillo G, Rahman NM. ERS Statement on Benign Pleural Effusions in Adults. **Eur Respir J.** **2024 Jul 26;2302307**.
3. Iommi M, Gonnelli F, Bonifazi M, Faragalli A, **Mei F**, Pompili M, Carle F, Gesuita R. Understanding Patterns of Adherence to Antifibrotic Treatment in Idiopathic Pulmonary Fibrosis: Insights from an Italian Prospective Cohort Study. **J Clin Med.** **2024 May 6;13(9):2727**
4. Fantin A, Castaldo N, Palou MS, Viterale G, Crisafulli E, Sartori G, Patrucco F, Vailati P, Morana G, **Mei F**, Zuccatosta L, Patruno V. Beyond diagnosis: a narrative review of the evolving therapeutic role of medical thoracoscopy in the management of pleural diseases. **J Thorac Dis.** **2024 Mar 29;16(3):2177-2195**.
5. F. Gonnelli, W. Hassan, M. Bonifazi, V. Pinelli, EO Bedawi, JM. Porcel, NM Rahman, **F. Mei**. Malignant pleural effusion: current understanding and therapeutic approach. **Respiratory Research (2024) 25:47**
6. José M. Porcel, Silvia Bielsa, Carmen Civit, Avinash Aujayeb, Julius Janssen, Uffe Bodtger, Katrine Fjaellegaard, Jesper Koefod Petersen, Hugh Welch, Jenny Symonds, Michael A. Mitchell, Elżbieta Magdalena Grabczak, Mohamed Ellayeh, Dinesh Addala, John M. Wrightson, Najib M. Rahman, Mohammed Munavvar, Coenraad F.N. Koegelenberg, Gonzalo Labarca, **Federico Mei**, Nick Maskell, Rahul Bhatnagar. Clinical characteristics of chylothorax: results from the International Collaborative Effusion databas. **ERJ Open Research 2023 9: 00091-2023**

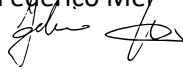
7. Sorino, C.; Mondoni, M.; Marchetti, G.; Agati, S.; Inchingolo, R.; **Mei, F.**; Flamini, S.; Lococo, F.; Feller-Kopman, D. Pleural Mesothelioma: Advances in Blood and Pleural Biomarkers. **J. Clin. Med. (2023) 12,7006**
8. **Mei, F.**, Tamburrini, M., Gonnelli, F. Morandi L, Bonifazi M, Sediari M, Berardino ADM, Barisione E, Failla G, Zuccatosta L, Papi A, Gasparini S, Marchetti G. Management of malignant pleural effusion in Italian clinical practice: a nationwide survey. **BMC Pulm Med 23, 252 (2023)**
9. Faverio P, Ronco R, Monzio Compagnoni M, Franchi M, Franco G, Bonaiti G, Bonifazi M, **Mei F**, Luppi F, Pesci A, Corrao G. Effectiveness and economic impact of Dupilumab in asthma: a population-based cohort study. **Respir Res. 2023 Mar 7;24(1):70.**
10. Sundaralingam A, Aujayeb A, Jackson KA, Pellas EI, Khan II, Chohan MT, Joosten R, Boersma A, Kerkhoff J, Bielsa S, Porcel JM, Rozman A, Marc-Malovrh M, Welch H, Symonds J, Anevclavis S, Froudakis M, **Mei F**, Zuccatosta L, Gasparini S, Gonnelli F, Dhaliwal I, Mitchell MA, Fjaellegaard K, Petersen JK, Ellayeh M, Rahman NM, Burden T, Bodtger U, Koegelenberg CFN, et al. Investigation and outcomes in patients with nonspecific pleuritis: results from the International Collaborative Effusion database. **ERJ Open Res. 2023 Apr 11;9(2)** doi: 10.1183/23120541.00599-2022. eCollection 2023 Mar.
11. **Mei F**, Rota M, Bonifazi M, Zuccatosta L, Porcarelli FM, Sediari M, Bedawi EO, Sundaralingam A, Addala D, Gasparini S, Rahman NM. Efficacy of Small versus Large-Bore Chest Drain in Pleural Infection: A Systematic Review and Meta-Analysis. **Respiration. 2023 Jan 24;1-10. doi: 10.1159/000529027.**
12. Zuccatosta, L.; **Mei, F.**; Sediari, M.; Di Marco Berardino, A.; Bonifazi, M.; Barbisan, F.; Goteri, G.; Gasparini, S.; Gonnelli, F. Diagnostic Accuracy of Slow-Capillary Endobronchial Ultrasound Needle Aspiration in Determining PD-L1 Expression in Non-Small Cell Lung Cancer. **Adv. Respir. Med. 2023; 91, 1-8.**
13. Zuccatosta L, **Mei F**, Bonifazi M, Gasparini S. Historical eye: from traditional to endobronchial ultrasound-guided needle aspiration and beyond. **Curr Opin Pulm Med. 2023 Jan 1;29(1):3-10.**
14. Zuccatosta L, Rossi G, Gasparini S, Ferretti M, **Mei F**, Sediari M, Barbisan F, Goteri G, Corbo GM, Di Marco Berardino A. Validation of a Cytological Classification System for the Rapid On-Site Evaluation (Rose) of Pulmonary and Mediastinal Needle Aspirates. **Diagnostics. 2022; 12(11):2777.**
15. Zuccatosta L, Latini M.A, **Mei F**, Bonifazi M, Barisione E, Salio M, Gasparini S, Gonnelli F. A lymph node mediastinal foreign body reaction mimicking nodal metastasis: A case series. **Front. Med. 2022; 9:1014617.**
16. **Mei, F.**, Dalmartello, M., Bonifazi, M., Bertuccio, P., Levi, F., Boffetta, P., Negri, E., La Vecchia, C., Malvezzi, M. Chronic obstructive pulmonary disease (COPD) mortality trends worldwide: An update to 2019. **Respirology. 2022;1-10**
17. Iommi M, Faragalli A, Bonifazi M, **Mei F**, Latini LL, Pompili M, Carle F, Gesuita R. Prognosis and Survival in Idiopathic Pulmonary Fibrosis in the Era of Antifibrotic Therapy in Italy: Evidence from a Longitudinal Population Study Based on Healthcare Utilization Databases. **Int J Environ Res Public Health. 2022 Dec 12;19(24):16689.**
18. Iommi, M., Bonifazi, M., Faragalli, A., Latini, L.L., **Mei, F.**, Spazzafumo, L., Skrami, E., Ferrante, L., Carle, F., Gesuita, R. Occurrence of Idiopathic Pulmonary Fibrosis in Italy: Latest Evidence from Real-World Data. **International Journal of Environmental Research and Public Health. 2022. 19 (5), art. no. 2510.**
19. Mondoni, M., Gasparini, S., Varone, F., Trisolini, R., Mancino, L., Rossi, G., Carlucci, P., Bonifazi, M., **Mei, F.**, Zuccatosta, L., Michieletto, L., Pitari, F., Saderi, L., Richeldi, L., Centanni, S., Sotgiu, G. "Accuracy and

Predictors of Success of EUS-B-FNA in the Diagnosis of Pulmonary Malignant Lesions: A Prospective Multicenter Italian Study". **Respiration. 2022; 2-s2.0-85130474175**

20. Levi G, Rocchetti C, **Mei F**, Stella GM, Lettieri S, Lococo F, Taccari F, Seguiti C, Fantoni M, Natali F, Candoli P, Bortolotto C, Pinelli V, Mondoni M, Carlucci P, Fabbri A, Trezzi M, Vannucchi L, Bonifazi M, Porcarelli F, Gasparini S, Sica G, Valente T, Biondini D, Damin M, Liani V, Tamburrini M, Sorino C, Mezzasalma F, Scaramozzino MU, Pini L, Bezzi M, Marchetti GP. Diagnostic role of internal mammary lymph node involvement in tuberculous pleurisy: a multicenter study. **Pulmonology. 2022 Feb 18:S2531-0437(22)**
21. Gasparini, S., **Mei, F.**, Bonifazi, M., Zuccatosta, L. "Bronchoscopic diagnosis of peripheral lung lesions". **Current opinion in pulmonary medicine. 2022; 28 (1), pp. 31-36.**
22. **Mei F**, Rota M, Bonifazi M, Zuccatosta L, Porcarelli F, Sediari M, Gonnelli F, Di Marco Berardino A, Gasparini S. Diagnostic Role of Bronchoalveolar Lavage in Patients with Suspected SARS-CoV-2 Pneumonia and Negative Upper Respiratory Tract Swab: A Systematic Review and Meta-Analysis. **J Clin Med. 2022 Aug 9;11(16):4656**
23. **Mei, F.**, Mancini, M., Maurizi, G., Vecchione, A., Zuccatosta, L., Rendina, E.A., Gasparini, S. "Pleural involvement in IgG4-related disease: Case report and review of the literature" **Diagnostics 2021; 11 (12), art. no. 2177**
24. Menditto VG, **Mei F**, Fabrizzi B, Bonifazi M. Role of bronchoscopy in critically ill patients managed in intermediate care units - indications and complications: A narrative review. **World J Crit Care Med 2021; 10:6**
25. Menditto VG, Fulgenzi F, Bonifazi M, Gnudi U, Gennarini S, **Mei F**, Salvi A. "Predictors of readmission requiring hospitalization after discharge from emergency departments in patients with COVID-19". **Am J Emerg Med. 2021 Apr 22; 46:146-149**
26. Bonifazi M, **Mei F**, Skrami E, Latini LL, Amico D, Balestro E, Bini F, Bonifazi F, Caminati A, Candoli P, Cinti S, Contucci S, Di Marco Berardino A, Harari S, Levi G, Lococo S, Menditto V, Marchetti G, Piciucchi S, Poletti V, Ravaglia C, Saetta M, Svegliati-Baroni G, Tomassetti S, Tamburrini M, Zanforlin A, Zuccon U, Zuccatosta L, Gasparini S, Carle F. "Predictors of Worse Prognosis in Young and Middle-Aged Adults Hospitalized with COVID-19 Pneumonia: A Multi-Center Italian Study (COVID-UNDER50)". **J Clin Med. 2021;10(6):1218.**
27. G. Pomponio, A. Ferrarini, M. Bonifazi, M. Moretti, A. Salvi, A. Giacometti, M. Tavio, G. Titolo, L. Morbidoni, G. Frausini, M. Onesta, D. Amico, M. L. B. Rocchi, S. Menzo, L. Zuccatosta, **F. Mei**, V. Menditto, S. Svegliati, A. Donati, M. M. D'Errico, M. Pavani, A. Gabrielli. "Tocilizumab in COVID-19 interstitial pneumonia". **Journal of Internal Medicine. 2021; 289: 738–746**
28. **Mei F**, Di Marco Berardino A, Bonifazi M, Latini L.L, Zuccatosta L, Gasparini S. "Validation of remote dielectric sensing (ReDS) in monitoring adult patients affected by COVID 19 pneumonia". **Diagnostics. 2021; 11(6): 1003**
29. **Mei F**, Bonifazi M, Rota M, Cirilli L, Grilli M, Duranti C, Zuccatosta L, Bedawi EO, McCracken D, Gasparini S, Rahman NM. "Diagnostic Yield and Safety of Image-Guided Pleural Biopsy: A Systematic Review and Meta-Analysis". **Respiration. 2021;100(1):77-87**
30. Bonifazi M, Di Vincenzo M, Caffarini M, **Mei F**, Salati M, Zuccatosta L, Refai M, Mattioli-Belmonte M, Gasparini S, Orciani M. How the Pathological Microenvironment Affects the Behavior of Mesenchymal Stem Cells in the Idiopathic Pulmonary Fibrosis. **Int J Mol Sci. 2020;21(21):8140**

31. **Mei F**, Bonifazi M, Menzo S, Di Marco Berardino A, Sediari M, Paolini L, Re A, Gonnelli F, Duranti C, Grilli M, Vennarucci GS, Latini MA, Zuccatosta L, Gasparini S. "First Detection of SARS-CoV-2 by Real-Time Reverse Transcriptase-Polymerase Chain Reaction Assay in Pleural Fluid" **Chest. 2020;158(4):e143-e146**
32. Bonifazi M, Sverzellati N, Negri E, Jacob J, Egashira R, Moser J, Piciucchi S, **Mei F**, De Lauretis A, Visca D, Goh N, Bonini M, Cirilli L, La Vecchia C, Chua F, Kouranos V, Margaritopoulos G, Kokosi M, Maher TM, Gasparini S, Gabrielli A, Wells AU, Renzoni EA. "Pleuroparenchymal fibroelastosis in Systemic Sclerosis: prevalence and prognostic impact " **Eur Respir J. 2020 Jul 9;56(1):1902135.**
33. Menditto VG, **Mei F**, Postacchini L, Manfredi L, Tedesco S, Pomponio G, Gabrielli A, Salvi A. Pulmonary embolism: a retrospective comparative study between patients with atypical vs typical clinical presentation. **Recenti Prog. Med. 2019 Feb;110(2):93-97**
34. **Mei F**, Bonifazi M, Zuccatosta L, Barbisan F, Sediari M, Gasparini S. Single-center prospective study on clinical evolution of non-specific pleuritis. **Eur Respir J. 2018** [cited 2023 Oct 1]; 52 Available from: https://erj.ersjournals.com/content/52/suppl_62/PA2877
35. Walsh SLF, Maher TM, Kolb M, Poletti V, Nusser R, Richeldi L, Vancheri C, Wilsher ML, Antoniou KM, Behr J, Bendstrup E, Brown K, Calandriello L, Corte TJ, Cottin V, Crestani B, Flaherty K, Glaspole I, Grutters J, Inoue Y, Kokosi M, Kondoh Y, Kouranos V, Kreuter M, Johansson K, Judge E, Ley B, Margaritopoulos G, Martinez FJ, Molina-Molina M, Morais A, Nunes H, Raghu G, Ryerson CJ, Selman M, Spagnolo P, Taniguchi H, Tomassetti S, Valeyre D, Wijsenbeek M, Wuyts W, Hansell D, Wells A; **Collaborators:** Mejia M, **Mei F**, Mazzei M,
36. Bonifazi M, Tramacere I, Zuccatosta L, **Mei F**, Sediari M, Paonessa MC, Gasparini S. Conventional versus Ultrasound-Guided Transbronchial Needle Aspiration for the Diagnosis of Hilar/Mediastinal Lymph Adenopathies: A Randomized Controlled Trial. **Respiration. 2017;94(2):216-22**
37. Zuccatosta L, Bonifazi M, Sediari M, **Mei F**, , Gasparini S. Successful diagnosis of bilateral peripheral pulmonary nodules using Electromagnetic Navigation Bronchoscopy(Article) [Diagnosi simultanea di noduli polmonari bilaterali con navigazione bronchiale elettromagnetica]. **Rassegna di Patologia dell'Apparato Respiratorio. 2012; 27(1): 52-54**
38. Bonifazi M, Sediari M, Ferretti M, Poidomani G, Tramacere I, **Mei F**, Zuccatosta L, Gasparini S. The role of pulmonologist in rapid on-site cytological evaluation of transbronchial needle aspiration: a prospective study. **Chest. 2014;145(1):60-5**
39. Savarino, E., **Mei, F.**, Parodi, A., Ghio, M., Furnari, M., Gentile, A., Berdini, M., Di Sario, A., Bendia, E., Bonazzi, P., Scarpellini, E., Laterza, L., Savarino, V., Gasbarrini, A. Gastrointestinal motility disorder assessment in systemic sclerosis. **Rheumatology (United Kingdom). 2013. 52 (6), pp. 1095-1100.**
40. Deshmukh V, Zuccatosta L, Sediari M, **Mei F**, Gasparini S, Salvolini L. "Stenting right upper main bronchus with montgomery T tube for upper lobe ventilation" **J Bronchol Intervent Pulmonol.2010; 17: 90-92**
41. Gasparini S, **Mei F**, Zuccatosta L, Sediari M, Bronchoscopic treatment of emphysema. State of the art. [Il trattamento broncoscopico dell'enfisema. Stato dell'arte]. Review. **Rassegna di Patologia dell'Apparato respiratorio. 2010; 25 (5): 280-292**
42. Gasparini S, Zuccatosta L, Sediari M, **Mei F**. "Pilot Feasibility Study of Transbronchial Needle Forceps. A new tool for obtaining histology samples from mediastinal subcarinal lymph nodes". **J Bronchol Intervent Pulmonol. 2009; 16:183-187**

Federico Mei

A handwritten signature in black ink, appearing to be 'Federico Mei', written in a cursive style.