

CV breve			
Name Federica Meloni		Actual Position Professore Associato Malattie Apparato Respiratorio	
Institution Università di Pavia in convenzione con Fondazione IRCCS Policlinico San Matteo		Degree Laurea in Medicina e Chirurgia	Year 1986 Field of interest Malattie Apparato Respiratorio

A. Positions and Honors.

Researcher in 1997 and subsequently Associate Professor in Respiratory Diseases in 2001 (MED10) at Pavia University Medical Faculty. Operating within the National Health Service at San Matteo Foundation, Clinic of Respiratory Disease since 1997. Chief of the Laboratory for Immunology of Solid Organ Transplantations and cell Biology of Respiratory diseases since 2010-2014 **Actual position** : Associate Professor of Respiratory Disease at University of Pavia Chief of The laboratory for respiratory Diseases , University of Pavia and IRCCS Policlinico San Matteo. Director of Fellowship school in Respiratory Medicine University of Pavia (since 2012). Chief Of the Laboratory for Respiratory Diseases, Policlinico San Matteo, Pavia.

Main research interest: lung transplantation and chronic lung rejection; interstitial lung diseases, application of new technologies (in particular NANOTECHNOLOGY) to the treatment of rare respiratory diseases: Pulmonary fibrosis, chronic lung rejection , and malignant pleural mesothelioma.

B. Selected peer-reviewed publications (in chronological order).

- 1: Rutters D, Verleden SE, et al. An association of particulate air pollution and traffic exposure with mortality after lung transplantation in Europe. *Eur Respir J*. 2017 Jan 18;49(1)..
- 3: Di Carlo S, Rossi E, Politano G, Inghilleri S, Morbini P, Calabrese F, Benso A, Savino A, Cova E, Zampieri D, Meloni F. Identification of miRNAs Potentially Involved in Bronchiolitis Obliterans Syndrome: A Computational Study. *PLoS One*. 2016 Aug 26;11(8):
- 4: Vitulo P, Stanzola A, Confalonieri M, Libertucci D, Oggionni T, Rottoli P, Paciocco G, Tuzzolino F, Martino L, Beretta M, Callari A, Amaducci A, Badagliacca R, Poscia R, Meloni F, Refini RM, Geri P, Baldi S, Ghio S, D'Alto M, Argiento P, Sofia M, Guardamagna M, Pezzuto B, Vizza CD. Sildenafil in severe pulmonary hypertension associated with chronic obstructive pulmonary disease: A randomized controlled multicenter clinical trial. *J Heart Lung Transplant*. 2016 May 7. pii: S1053-2498(16)30114-0..
- 5: Piloni D, Magni S, Oggionni T, Benazzo A, Stella G, Scudeller L, Morosini M, Cova E, Meloni F. Clinical utility of CD4+ function assessment (ViraCor-IBT ImmuKnow test) in lung recipients. *Transpl Immunol*. 2016 Jul;37:35-9.
- 8: Calarota SA, Chiesa A, De Silvestri A, Morosini M, Oggionni T, Marone P, Meloni F, Baldanti F. T-lymphocyte subsets in lung transplant recipients: association between nadir CD4 T-cell count and viral infections after transplantation. *J Clin Virol*. 2015 Aug;69:110-6.
- PubMed PMID: 26209391. 9: Del Fante C, Scudeller L, Oggionni T, Viarengo G, Cemmi F, Morosini M, Cascina A, Meloni F, Perotti C. Long-Term Off-Line Extracorporeal Photochemotherapy in Patients with Chronic Lung Allograft Rejection Not Responsive to Conventional Treatment: A 10-Year Single-Centre Analysis. *Respiration*. 2015;90(2):118-28.
- 10: Cova E, Colombo M, Inghilleri S, Morosini M, Miserere S, Peñaranda-Avila J, Santini B, Piloni D, Magni S, Gramatica F, Prosperi D, Meloni F. Antibody-engineered nanoparticles selectively inhibit mesenchymal cells isolated from patients with chronic lung allograft dysfunction. *Nanomedicine (Lond)*. 2015 Jan;10(1):9-23..
- 11: Campanini G, Rovida F, Meloni F, Cascina A, Ciccocioppo R, Piralla A, Baldanti F. Persistent human cosavirus infection in lung transplant recipient, Italy. *Emerg Infect Dis*. 2013 Oct;19(10):1667-9.
- 12: Lilleri D, Gerna G, Bruno F, Draghi P, Gabanti E, Fornara C, Meloni F. Systemic and local human cytomegalovirus-specific T-cell response in lung transplant recipients. *New Microbiol*. 2013 Jul;36(3):267-77. PubMed PMID: 23912868.
- 13: Crotti S, Iotti GA, Lissoni A, Belliato M, Zanierato M, Chierichetti M, Di Meo G, Meloni F, Pappaletta M, Nosotti M, Santambrogio L, Viganò M, Braschi A, Gattinoni L. Organ allocation waiting time during extracorporeal bridge to lung transplant affects outcomes. *Chest*. 2013 Sep;144(3):1018-25. doi: 10.1378/chest.12-1141.
- 17: Gerna G, Lilleri D, Furione M, Castiglioni B, Meloni F, Rampino T, Agozzino M, Arbustini E. Human cytomegalovirus end-organ disease is associated with high or low systemic viral load in preemptively treated solid-organ transplant recipients. *New Microbiol*. 2012 Jul;35(3):279-87



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