

BIOGRAPHICAL SKETCH

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NAME: Piloni, Davide

eRA COMMONS USER NAME (credential, e.g., agency login):

POSITION TITLE: M.D., PhD student

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
University of Pavia	Medical degree	07/2009	Medicine and Surgery
IRCCS Policlinico San Matteo/University of Pavia	Degree in Lung Disease	05/2015	Respiratory diseases
University of Pavia in convention with IRCCS Policlinico San Matteo	PhD student	2015-present (end sept. 2018)	Experimental medicine/Lung transplantation

A. Personal Statement

Since the beginning of my career, I've been involved in both clinical and research field in respiratory diseases, focusing on lung transplantation and end-stage lung diseases. Especially in the past three years I've focused my clinical and research career on short and long term follow-up after lung transplantation at Lung transplant unit at IRCCS Policlinico San Matteo/University of Pavia, as documented in the following publications. In the last year, I've been involved, as a clinician, in the diagnosis, treatment and follow up of alpha-1 antitrypsin deficiency patients, in the Center for Diagnosis for Alpha-1 antitrypsin deficiency at IRCCS Policlinico San Matteo in Pavia.

B. Positions and Honors**Positions and Employment**

2010-2015 Fellowship in Respiratory diseases, IRCCS Policlinico San Matteo/ University of Pavia Respiratory disease unit
2010- M.D., IRCCS Policlinico San Matteo/ University of Pavia Respiratory disease unit
2015- PhD student, University of Pavia, Experimental Medicine Program

Other Experience and Professional Memberships

2013- Member, European Respiratory Society
2013- Member, Associazione Italiana Pneumologi Ospedalieri

Honors

2015 Hermes Certification, Adult Diploma, European Examination in Respiratory Medicine

C. Contribution to Science

- 6 months fellowship (may-nov 2014) c/o il Laboratory of Pneumology/Lung transplantation, Katholieke Universiteit Leuven, Leuven, Belgium, working on end-stage lung diseases and lung transplantation.

-subinvestigator in the protocol BI Trial No.:1294.21 Exploratory, prospective longitudinal biomarker trial in patients with asthma, COPD, autoimmune pulmonary alveolar proteinosis (PAP) and healthy volunteers to investigate biomarkers potentially associated with PAP

Publications:

-Campo I, Mariani F, Rodi G, Paracchini E, Tsana E, **Piloni D**, Nobili I, Kadija Z, Corsico A, Cerveri I, Chalk C, Trapnell BC, Braschi A, Tinelli C, Luisetti M. Assessment and management of pulmonary alveolar proteinosis in a reference center. *Orphanet J Rare Dis.* 2013 Mar 13;8:40. doi: 10.1186/1750-1172-8-40.

- 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. doi: 10.2217/nnm.13.208.

- Jana Somers, David Ruttens, MD; Stijn Verleden, Msc; Elly Vandermeulen, Msc; **Davide Piloni, MD**; Els Wauters, MD; Diether Lambrechts, Prof; Robin Vos, MD, PhD; Geert Verleden, MD, PhD, prof; Bart Vanaudenaerde, Msc, PhD, Prof; Dirk Van Raemdonck, MD, PhD, Prof. IL-17 receptor polymorphism predisposes to primary graft dysfunction after lung transplantation. *J Heart Lung Transplant.* 2015 Mar 26. pii: S1053-2498(15)01105-5. doi: 10.1016/j.healun.2015.03.009.

- Ymera Pignochino*, Carmine Dell'Aglio*, Simona Inghilleri, Michele Zorzetto, Marco Basiricò, Federica Capozzi, Marta Canta, **Davide Piloni**, Francesca Cemmi, Dario Sangiolo, Loretta Gammaitoni, Marco Soster, Serena Marchiò, Ernesto Pozzi, Patrizia Morbini, Maurizio Luisetti, Massimo Aglietta, Giovanni Grignani, Giulia M Stella. The combination of sorafenib and everolimus shows antitumor activity in preclinical models of malignant pleural mesothelioma. *BMC Cancer.* 2015 May 8;15(1):374.

-Elly Vandermeulen, Stijn E Verleden, David Ruttens, Eva Moelants, Anneleen Mortier, Jana Somers, Hannelore Bellon, **Davide Piloni**, Lieven J Dupont, Dirk E Van Raemdonck, Paul Proost, Dominique Schols, Robin Vos, Geert M Verleden, Bart M Vanaudenaerde. BAL neutrophilia in azithromycin-treated lung transplant recipients: clinical significance. *Transpl Immunol.* 2015 Sep;33(1):37-44.

- Stella GM, Senetta R, Inghilleri S, Verdun di Cantogno L, Mantovani C, **Piloni D**, Scudeller L, Meloni F, Papotti M, Ricardi U, Cassoni P. MET mutations are associated with aggressive and radioresistant brain metastatic non-small-cell lung cancer. *Neuro Oncol.* 2016 Apr;18(4):598-9. doi: 10.1093/neuonc/nov325. Epub 2016 Feb 23. No abstract available.

- **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 Apr 16. pii: S0966-3274(16)30016-8. doi: 10.1016/j.trim.2016.04.001. [Epub ahead of print]

D. Research Support