

## CURRICULUM VITAE



**Name:** Federico Lavorini, M.D., Ph.D.

**Date of birth:** 16<sup>th</sup> June 1965

**Professional Address:**

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**Present Appointments:** Senior Physician in Respiratory Medicine

**Previous Appointments:** Research Fellowship, Section of Respiratory Medicine,  
Department of Critical Care, University of Florence.

**Memberships of Committees, Societies, Associations:**

- Member of the Si.Me.R. (Società italiana di Medicina Respiratoria)

**Research Interests:**

Control of breathing in health and disease; cough; inhalation devices for delivering aerosol medications; human pulmonary pharmacology

**Publications / Editorial Responsibilities:**

Member of the editorial advisory board of the Current Clinical Pharmacology

**Most recent scientific publications**

- [Lavorini F](#), [Pantaleo T](#), [Geri P](#), et al. Cough and ventilatory adjustments evoked by aerosolised capsaicin and distilled water (fog) in man. *Respir Physiol Neurobiol* 2007;156: 331-9.
- Fontana GA, Lavorini F. Cough motor mechanisms. *Respir Physiol Neurobiol*, 2006; 152: 266-81.
- F. Lavorini, P.Geri, L. Mariani, et al. Speed of Onset of Bronchodilator response to Salbutamol Inhaled via Different Devices in Asthmatics. A Bioassay based on Functional Antagonism. *Brit J Clin Pharmacol* 2006; 62: 403-11.
- Lavorini F. Quantifying bronchodilator responses in chronic obstructive pulmonary disease trials. *Brit J Clin Pharmacol* 2005; 59: 385-6.
- Fontana GA, Lavorini F, Geri P, et al. Cough in children with congenital central hypoventilation syndrome. *Pulm Pharmacol Ther* 2004; 17: 425-429.
- Lavorini F, Geri P, Luperini M, et al. Clinical and functional responses to salbutamol inhaled via different devices in asthmatic patients with induced bronchoconstriction. *Brit J Clin Pharmacol* 2004; 58: 512-520.
- Fontana GA, Lavorini F, Pantaleo P. Breathing pattern during fog challenges in humans. *Eur Respir Rev* 2002; 85: 254-8.
- Fontana GA, Pantaleo T, Lavorini F, et al. Handgrip-induced airway dilation in asthmatic patients with bronchoconstriction induced by MCh inhalation. *J Appl Physiol*. 2002; 93:1723-30.

- [Fontana GA](#), [Lavorini E](#), [Pistoiesi M](#). Water aerosols and cough. [Pulm Pharmacol Ther.](#) 2002;15: 205-11.
- Fontana GA, Lavorini F, Pistoiesi M. Water aerosols and cough. *Pulm Pharmacol Ther.* 2002;15: 205-11.
- Lavorini F, Fontana GA, Pantaleo T, et al. Fog-induced respiratory responses are attenuated by nedocromil sodium in humans *Am J Respir Crit Care Med* 163; 1117-1120, 2001.