

**Stelios Loukides MD FCCP Associate Professor**

**2<sup>nd</sup> Respiratory Medicine University of Athens Medical School, Attiko Hospital**

**Brief CV:**

I was born in Thessaloniki at 1963. I finished medical school on 1987. After 5 years training I took my specialty degree on 1994. I did a post-doctoral fellowship from 1996 to 1997 at Royal Brompton Hospital, National Heart & Lung institute under the supervision of Prof PJ Barnes. From 1998 to 2005 I worked at the National Health system at Veterans Hospital Department of Respiratory Medicine. At 2005 I was elected as lecturer at the University of Athens Respiratory Medicine Dept. From that time I am working at the 2<sup>nd</sup> Respiratory Medicine Dept, Attiko University Hospital both as an academic and as a clinician. At 2010 I was elected as an Assistant Professor at the University of Athens 2<sup>nd</sup> Respiratory Medicine Dept. At 11-2014 I was elected as an associate Professor. My main research and clinical interests are Asthma & COPD, particularly inflammatory mechanisms obtained from non-invasive techniques.

I am member of the European Respiratory Society, American Thoracic Society and Fellow [elected] of American College Chest Physicians.

I served ERS as the secretary and chairman of ERS monitoring airway diseases group from 9/10 to 9/16 respectively. I am an official member of the ERS college of Experts. I was elected as the e-learning resources director for the European Respiratory Society 2018-2021. I am a member of the ERS educational council.

I have 118 publications in medical indexed journals [117 as Loukides S and 1 as Loukidis S]. More than 300 presentations or/and chairing in international congresses. 4000 citations in scopus and ISI with 32 h index. Chapters in foreign books: 4 [One as a main editor]. Chapters in Greek books: 12

In 2010 with my colleagues I received the annual ERS award for inflammatory airway diseases. I have already served as a reviewer in more than 60 pub med indexed journals. I am an academic editor for the Plos one journal.



### **Top ten publications**

1. HORVATH I, HUNT J, BARNES PJ., Alving K, Antczak A, Baraldi E, Becher G, van Beurden WJ, Corradi M, Dekhuijzen R, Dweik RA, Dwyer T, Effros R, Erzurum S, Gaston B, Gessner C, Greening A, Ho LP, Hohlfeld J, Jobsis Q, Laskowski D, Loukides S, Marlin D, Montuschi P, Olin AC, Redington AE, Reinhold P, van Rensen EL, Rubinstein I, Silkoff P, Toren K, Vass G, Vogelberg C, Wirtz H; ATS/ERS Task Force on Exhaled Breath Condensate. Exhaled breath condensate: methodological recommendations and unresolved questions. Eur Respir J. 2005;26(3):523-48. **Citations 705.**

ERS/ATS task force relating to methodological and clinical issues for EBC. A great collaboration between European and US researchers and clinicians. The whole project lasted three years and raised significant issues in regard to EBC.

2. KOSTIKAS K, PAPTAEODOROU G, GANAS K, PSATHAKIS K, PANAGOU P, LOUKIDES S. pH in expired breath condensate in patients with inflammatory airway diseases. AJRCCM 2002; 165: 1364-70. **Citations 320**

A novel study investigating the role of pH in EBC in different inflammatory airway diseases. Ph was the only biomarker with rapid assessment.

3. CULPITT S, MAZIAK W, LOUKIDIS S, NIGHTINGALE JA, MATTHEWS JL, BARNES PJ. Effect of high dose inhaled steroid on cells, cytokines, and proteases in induced sputum in chronic obstructive pulmonary disease. Am J Respir Crit Care Med 1999; 160: 1635-9. **Citations 309**

A very interesting study where inhaled steroids monotherapy failed to alter the inflammatory process in COPD.

4. MAZIAK W, LOUKIDES S, CULPITT S, SULLIVAN P, KHARITONOV S, BARNES PJ. Exhaled nitric oxide in chronic obstructive pulmonary disease. Am J Respir Crit Care Med 1998; 157: 998-1002. **Citations 244**

A novel study investigating the role of FeNO in patients with COPD.

5. LOUKIDES S, KHARITONOV S, WODEHOUSE T, COLE PJ, BARNES PJ. Effect of arginine on mucociliary function in primary ciliary dyskinesia. Lancet 1998 1; 352: 371-2. **Citations: 55**

A novel study which wanted to determine whether the locally administered l-arginine could alter the ciliary beating frequency in patients with PCD and low levels of exhaled nitric oxide.

6. TSELIU E, BESSA V, HILLAS G, DELIMPOURA V, PAPADAKI G, ROUSSOS C, PAPIRIS S, BAKAKOS P, LOUKIDES S. Exhaled nitric oxide and exhaled breath condensate pH in severe refractory asthma. Chest. 2010;138:107-113. **Citations 44**

**Citations 44**

A study which showed that low FeNO levels in severe asthma are mainly affected by the presence of neutrophilic inflammation irrespective of the persistent eosinophilic one.

7. DELIMPOURA V, BAKAKOS P, TSELIU E, BESSA V, HILLAS G, SIMOES DC, PAPIRIS S, LOUKIDES S. Increased levels of osteopontin in sputum supernatant in severe refractory asthma. Thorax 2010; 9: 82-8. **Citations: 33**

**Citations: 33**

In this study by using sputum induction we showed that a cytokine called Osteopontin is implicated in both the inflammatory and remodeling process in patients with severe asthma.

8. TSELIU E, BAKAKOS P, KOSTIKAS K, HILLAS G, MANTZOURANIS K, EMMANOUIL F, SIMOES DC, ALCHANATIS M, PAPIRIS S, LOUKIDES S.

Increased levels of of angiopoietins 1 and 2 in sputum supernatant in severe refractory

asthma. *Allergy* 2012; 67:396-402.

**Citations: 20**

In this study, we showed that vascular permeability process is influenced by alterations in angiotensin levels. These alterations are further up-regulated in patients with severe asthma.

9. PAPAPORFYRIOU A, LOUKIDES S, KOSTIKAS K, SIMOES DC, PAPTHERODOROU G, KONSTANTELOU E, HILLAS G, PAPIRIS S, KOULOURIS NG, BAKAKOS P. Increased Levels of Osteopontin in Sputum Supernatant in Patients With COPD. *Chest* 2014;146: 951-8.

**Citations: 4**

A study where increased levels of Osteopontin in sputum supernatant of patients with COPD are associated with the underlying neutrophilic inflammation as well as with the extent of emphysema as assessed by a HRCT scoring.

10. KOUTSOKERA A, LOUKIDES S, GOURGOULIANIS K, KOSTIKAS K. Biomarkers in the exhaled breath condensate of healthy adults: mapping the path towards reference values.

*Curr Med Chem.* 2008;15(6):620-30.

**Citations: 48**

This review summarizes for the first-time possible reference values for the EBC assessment.