

## Curriculum Vitae

*Dr. Saeed Kolahian (DVM, Ph.D.), Assistant Professor in Pharmacology*

*Department of Basic Sciences, Faculty of Veterinary Medicine*

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### Personal Data:

Name	Surname	Date of Birth	Nationality	Sex	Marital Status
<i>Saeed</i>	<i>Kolahian</i>	<i>19/4/1981</i>	<i>Iranian</i>	<i>Male</i>	<i>Single</i>

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### Educational Background: (Last One First)

Certificate Degree	Field of Specialization	Name of Institution Attended	Date Received
<i>PhD</i>	<i>Veterinary Pharmacology</i>	<i>Tehran University, Tehran, Iran</i>	<i>2009</i>
<i>DVM</i>	<i>Veterinary medicine</i>	<i>Urmia university, Urmia, Iran</i>	<i>2005</i>
<i>High School Diploma</i>	<i>Natural</i>	<i>Motahhari high school-Tabriz, Iran</i>	<i>1999</i>

#### **Title of Post-Graduate Thesis:**

The role of Nitric Oxide in the airway reactivity and responsiveness in diabetic-allergic guinea pigs

#### **Title of Doctorate Thesis:**

Effects of Tiamulin, Neomycin, Tetracycline and fluorophenicol on controlling bacterial contamination of River Buffalo (*Buballus bubalis*) semen

### Teaching Experiences:

Title of Course	Level	Dates		Name of Institution
		From	To	
Laboratory of Pharmacology	DVM	2005	2007	Faculty of veterinary medicine- University Of Tehran, Iran
Pharmacology	DVM	2007	Present	Faculty of veterinary medicine- University Of Tabriz, Iran
Pharmacology	High Diploma Veterinary	2009	Present	Faculty of veterinary medicine- University Of Tabriz, Iran
laboratory animal husbandry and care	Bachelor veterinary	2009	Present	Faculty of veterinary medicine- University Of Tabriz, Iran

### Administrative Responsibilities:

Job Title	Place of Work	Date		Name of Institution
		From	To	
Head of laboratory animal house and care unit	Faculty of veterinary medicine	2009	2012	University Of Tabriz, Iran
Head of library	Faculty of veterinary medicine	2012	Present	University Of Tabriz, Iran

### Academic Positions: (Last One First)

Title of Position	Field of Specialization	Date		Name of Institution
		From	To	
Assistant Professor	Pharmacology	2009	Present	University Of Tabriz, Faculty of veterinary medicine, Tabriz, Iran

### Master and Doctorate Thesis Supervision:

No	Full Name of Student	Level	Title of Thesis
1	Hamid Ghasemi	DVM	Cat as an animal model for COPD
2	Morvarid Amani	DVM	The effects of nutritional supplements of Leucine, zinc, and chromium on the histopathology of respiratory system in rats with type 2 diabetes
3	Anis Mazadeh	DVM	The effects of nutritional supplements of Leucine, zinc, and chromium on the enzymatic and cellular content of respiratory system in rats with type 2 diabetes
4	Mehdi Mirani	DVM	The effects of nutritional supplements of Leucine, zinc, and chromium on the oxidative stress of respiratory system in rats with type 2 diabetes
5	Ensie Seyed Rezazadeh	PhD	Effect of Orange-Grapefruit juice mixture and Hesperetin-Naringenin mixture, Orange juice and Grapefruit juice, on some factors affecting airways inflammation and remodeling in mice

## Publications:

### *Papers*

Title of Paper
Alavi-Shoushtari SM, Ahmadi M, Shahvarpour S, Kolahian S. Effects of Tiamulin, Neomycin, Tetracycline, fluorophenicol, Penicillin G, Linco-Spectin, Erythromycin and Oxytetracycline on controlling bacterial contamination of River Buffalo ( <i>Buballus bubalis</i> ) semen Pak J Biol Sci 2007; 15: 3200-4.
Nasiripourdori A, Ranjbar B, Naderi-Manesh H, Mehrnejad F, Soofian S, Sadeghi G, Kolahian S. Structural-functional studies of peptides derived from a long-chain snake neurotoxin <i>Naja naja oxiana</i> Physiology and Pharmacology 2008; 12: 209-20.
Gosens, R, Rieks D, Meurs H, Ninaber DK, Rabe KF, Nanninga J, Kolahian S, Halayko AJ, Hiemstra PS, and Zuyderduyn S. Muscarinic M3 receptor stimulation increases cigarette smoke-induced IL-8 secretion by human airway smooth muscle cells. Eur Respir J 2009; 34: 1436-43.
Kolahian S, Sadeghi-Hashjin G, Asadi F, Moin M. The role of nitric oxide in airway responsiveness in diabetic-allergic guinea pigs in vitro Iran J Allergy Asthma Immunol 2010; 9: 13-20.
Oenema T, Kolahian S, Nanninga J, Rieks D, Hiemstra PS, Zuyderduyn S, Halayko AJ, Meurs H and Gosens R. Pro-inflammatory mechanisms of muscarinic receptor stimulation in airway smooth muscle. Respir Res 2010, 11:130.
Kolahian S, Gosens R. Cholinergic Regulation of Airway Inflammation and Remodelling (Journal of Allergy, Volume 2012, doi:10.1155/2012/681258).
Kolahian S, Asadi F, Nassiri SM. Airway inflammatory events in diabetic-antigen sensitized guinea pigs. European Journal of Pharmacology 2011, 659. 252-258.
Kolahian, S, Jarolmasjed SH. Effects of metoclopramide on emesis in cats sedated with xylazine hydrochloride. J Feline Med Surg 2010, 12, 899-903.
Kolahian, S, Jarolmasjed SH. Antiemetic efficacy of promethazine on xylazine induced emesis in cats. Canadian Veterinary Journal 2012;53:193-195.
Jarolmasjed SH, Kolahian, S. Effects of Ondansetron on Xylazine Induced Emesis in Cats. Iranian journal of veterinary surgery 2010 Vol.: 5; No.: 1,2. 63-70.

Jarolmasjed SH, Kolahian, S. Pretreatment of cats with vitamin B6 reduces vomiting episodes following xylazine HCl administration (Accepted for publication in The Journal of Veterinary Medical Science)

Shahbazfar A.A, Kolahian S, Ashrafihelani J, Mohamadpouri H. Multi abscessation with multinodular abscesses in a New Zealand white rabbit (*Oryctolagus cuniculus*) following *Arcanobacterium pyogenes* infection. *Revue Méd. Vét.*, 2013, 164, 1, 23-26.

Kolahian S, Shahbazfar AA, Tayefi-Nasrabadi H, Keyhanmanesh R, Ansarin K, Ghasemi H, Rashidi AH, Gosens R, Hanifeh M. Tiotropium effects on airway inflammatory events in the cat as an animal model for acute cigarette smoke-induced lung inflammation. (under review in *European Journal of Pharmacology*)

### Research Activities:

Title of Project	Place of Work	Dates	
		From	To
The role of Muscarinic receptors in inflammatory cytokine production	Groningen, The Netherlands	5/2008	11/2008
Mechanisms of airway remodeling processes by quantifying cartilage expression in lung tissue of asthmatic guinea pig	Groningen, The Netherlands	01/09/2011	10/10/2011
Effects of Leucine, zinc, and chromium supplementations on VEGF and IL4 release and laminin expression in respiratory system of rats with diabetes type 2	Tabriz, Iran	10/10/2012	present

### Research Interests:

Pharmacology

Asthma and COPD

Allergy

Nanotechnology

Molecular Biology

Coexistence of diseases

Inflammation

Biotechnology

### Papers Presented at National and International Scientific Assemblies:

Title of Paper
Effects of Tiamoline, Neomycin, Tetracycline and Fluorophenicol on controlling of Bacterial Contaminations in the River Buffalo ( <i>Buballus bubalis</i> ) semen. proceedings of 4 <sup>th</sup> convention of Iranian veterinary Clinicians. 2005; Urmia, Iran.
Muscarinic M-3 Receptors Augment Cigarette Smoke and TNF $\alpha$ -Induced IL-8 Secretion by Airway Smooth Muscle Via an I $\kappa$ B Dependent Mechanism. Symposium Bronchitis 8. 2009; Groningen, the Netherlands.

**Intracellular Signaling Associated with Muscarinic Receptor - CSE Cross-talk in Airway Smooth cytokine production. 3rd Iranian Asthma Meeting 2009; Tehran, Iran.**

**The Role of Nitric Oxide in Airway Responsiveness in Diabetic-Antigen Sensitized Guinea Pigs in Vitro. 3rd Iranian Asthma Meeting 2009; Tehran, Iran.**

**Effects of metoclopramide on emesis in cats sedated with xylazine hydrochloride. 35th Annual World Small Animal Veterinary Association Congress 2010; Geneva, Switzerland.**

**Effects of promethazine on emesis in cats sedated with xylazine hydrochloride. 3rd international symposium of veterinary surgery. 2011; Kish, Iran.**

**Airway hyperresponsiveness in cat as an animal model for cigarette smoke-induced COPD. 3rd international symposium on non neuronal acetylcholine. 2011; Groningen, the Netherlands.**

**Reduces inflammatory parameters in airways of diabetic-antigen sensitized guinea pigs. European respiratory society. 2011; Amsterdam, the Netherlands.**

**Efficacy of Metoclopramide, Promethazine, Vitamin B6 and Ondansetron on Emesis in Cats Sedated with Xylazine HCl. 2<sup>nd</sup> International congress of veterinary pharmacology. 2011; Tehran, Iran.**

**Effect of muscarinic receptors inhibition on cytokine release and inflammatory cells infiltration in the airway of cat as an animal model for COPD. European respiratory society. 2012; Vienna, Austria.**

### Membership to Scientific Associations:

Name of Institution/Association	Position Held	Country	Year
<b>GRIAC (Groningen research institute for asthma and COPD)</b>	Researcher	The Netherlands	2008
<b>Tuberculosis and Lung Research Center, Tabriz University of Medical Sciences</b>	Researcher	Tabriz	2010- present

### Language Proficiency:

Language	Degree of Proficiency											
	Writing				Reading				Speaking			
	Native	Good	Fair	Poor	Native	Good	Fair	Poor	Native	Good	Fair	Poor
English		+				+				+		
Persian Azari	+				+				+			