



## CURICULUM VITAE

### **Mojtaba Ziaee**

Ph.D of Pharmacology

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#### **Personal information:**

Name: Mojtaba Ziaee

Date of birth: 06/03/1981

Place of birth: Tabriz - Iran

Marital status: Married

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#### **Education:**

- PhD of Pharmacology – Tehran Azad University, Tehran, Iran (2005-2010)  
**Thesis title:**  
Synthesis of a novel siliconized analog of clofibrate (silafibrate) and comparison of their anti-inflammatory activities

### Research field and interests:

- PhytoPharmacology, Cardiovascular Disease, Metabolic Disorder

### Professional experiences (researches and teachings)

I have been involved in teaching of the following subjects:

- Pharmacology, Physiology, General Histology and Pathology

I have also been involved in the following researches

1. Diagnostic value of serum slox-1 in acute coronary syndromes and its relationship with severity of the coronary artery disease based on SYNTAX score classification
2. Study of the relationship between serum Endocan level with TIMI risk score in patients with Acute Coronary Syndrome
3. Diagnostic value of serum slox-1 in acute coronary syndromes and its relationship with severity of the disease based on TIMI risk score classification
4. Study of effects of essential oil of *Lavandula angustifolia* on isoproterenol-induced acute myocardial infarction in rat
5. Acute and Subacute toxicological evaluation of Silafibrate in rodents.
6. Study of the effect of modafinil on motor disorders and on therapeutic effect of levodopa in experimental Parkinsonism induced by 6-OH dopamine in rats.

### Drugs Production and Development

- Silafibrate
- Modafinil
- Buprenorfin
- Flutamide
- Injectable ASA
- Zilascorb
- Baclofen
- Clonidine

### Executive experiences:

- Production Manager Zahravi Pharmaceutical Co.

## Publications in peer reviewed journals

1. Ziaee, M., Mashayekhi, S., Ghaffari, S, Mahmoudi, J., Sarbakhsh, P., & Garjani, A.. (2018). Predictive Value of Endocan Based on TIMI Risk Score on Major Adverse Cardiovascular Events after Acute Coronary Syndrome. *Angiology* 2-9. Impact Factor: 3.22
2. N. Ahmadian, J. Mahmoudi, M. Talebi, O. Molavi, S Sadigh-etegad, E.Rostrup, M.Ziaee. Sleep deprivation disrupts striatal anti-apoptotic responses in 6-hydroxy dopamine-lesioned parkinsonian rats. *Iranian Journal of Basic Medical Sciences*. Accepted. 2018 Impact Factor: 1.42
3. Mashayekhi, S., Ziaee, M., Garjani, A., Sarbakhsh, P., & Ghaffari, S. (2018). Prognostic Value of sLOX-1 Level in Acute Coronary Syndromes Based on Thrombolysis in Myocardial Infarction Risk Score and Clinical Outcome. *The Journal of emergency medicine*, 55(3), 390-398. Impact Factor: 1.57
4. Ziaee, M., Mashayekhi, S., & Ghaffari, S. (2018). Prognostic Value of Slox-1 Level in Acute Coronary Syndromes Based on Timi Risk Score and Clinical Outcome. *American Journal of Cardiology*, 121(8), e24. Impact Factor: 3.15
5. S. Momtaz. M. Ziaee, E. Jassemi. Polyphenols targeting diabetes via AMP-activated protein kinase. *Journal of Medicinal Plants*. Accepted 2018
6. R. Hajizadeh, S. Ghaffari, M. Ziaee, B. Shokouhi, A. Separham, and P. Sarbakhsh. "In vitro inhibition of platelets aggregation with generic form of clopidogrel versus branded in patients with stable angina pectoris." *J Cardiovasc Thorac Res* 9, no. 4 (2017): 191-195.
7. M. Ziaee, R. Hajizadeh, A. Khorrami, N. Sepehrvand, S. Ghaffari. Cardiovascular Effects of Opium Consumption. *Drug and Alcohol Review*. 2018 Impact Factor: 2.29
8. FH. Dabbaghian, M. Ziaee, F. Nabati, S. Kianbakht. Cardiovascular pharmacology of *Embllica officinalis* Gaertn.: a systematic review. *Cardiovascular and Thoracic Research*. 2018
9. M. Jafari-Shobeiri, F. Sepasi, A. Dastranj Tabrizi, P. Mostafa Gharabaghi, E. Ouladsahebmadarek, M. Parizad, P Hakimi, P. Sarbakhsh, and M. Ziaee. Diagnostic value of tumor biomarkers CA125 and CA72-4 in differentiation of epithelial ovarian cancer and endometrioma. *Biomedical Research*, 29(8). Impact Factor: 0.219
10. S. Momtaz, F. Khan, Sh. Hassani, M. Ziaee, M. Abdollahi. Cinnamon, a promising prospect towards Alzheimer's disease. *Pharmacological Research*. 2018 Impact Factor: 4.48
11. Delashoub, Masoud, Mojtaba Ziaee, Arash Khorrami, and Seyed Mahdi Banan-Khojasteh. "Comparison of the Effects of Clofibrate and Silafibrate on Sperm Parameters Quality and Sex Hormones in Male Rats." *Urology journal* 15, no. 2

(2018): 38. . Impact Factor: 0.9

12. R. Vajdi-hokmabad, M.Ziaee, J. Mahmoudi. Modafinil improves catalepsy in a rat 6-hydroxydopamine model of Parkinson's disease; Possible involvement of dopaminergic neurotransmission. *Advanced Pharmaceutical Bulletin*. 2017
13. A Separham, S Ghaffari, H Najafi, R Ghaffari, M Ziaee, H Babaei. The impact of Allopurinol on patients with acute ST elevation myocardial infarction undergoing thrombolytic therapy. *Journal of Cardiovascular Pharmacology*. 2016 May 30. Impact Factor: 2.462.
14. A Khorrami, N Maleki-Dizaji, A Garjani, M Ziaee. Comparison of the Effects of Hypercholesterolemic Diets on Biochemical Outcomes of Myocardial Infarction in Rats. *International Cardiovascular Research Journal*. 2017
15. M Hamidi, M Ziaee, M Delashoub, M Marjani. The effects of essential oil of *Lavandula angustifolia* on sperm parameters quality and reproductive hormones in rats exposed to Cadmium. *Journal of Reports in Pharmaceutical Sciences*, 2015, 4(2), 121-127
16. M Ziaee, A Khorrami, M Amiraslazadeh, M Ebrahimi, M RameshRad, A Garjani. Cardioprotective effects of essential oil of *Lavandula angustifolia* on isoproterenol-induced acute myocardial infarction in rat. *Iranian journal of pharmaceutical research*, 2015, 14(1), 279. Impact Factor: 1.7
17. S Nafisi, R Heidari, M Ghaffarzadeh, M Ziaee, H Hamzeiy, A Garjani, M Eghbal. Cytoprotective effects of silafibrate, a newly-synthesised siliconated derivative of clofibrate, against acetaminophen-induced toxicity in isolated rat hepatocytes. *Archives of Industrial Hygiene and Toxicology*, 2014, 65(2), 169-178. Impact Factor: 1.395
18. A Khorrami, S Ghanbarzadeh, M Ziaee, S Arami, R Vajdi-Hokmabad, A Garjani. Dietary cholesterol and oxidized cholesterol; effects on sperm characteristics, antioxidant status and hormonal profile in rats. *Andrologia*, 2014, 2(1). Impact Factor: 1.458
19. A Khorrami, S Ghanbarzadeh, M Ziaee, S Arami, S Andalib, N Maleki, A Garjani. Effects of LDL and Oxidized LDL on Cardiac Function in Isoproterenol-induced Myocardial Infarction in Rat. *Drug research*, 2014, 64.11: 576-583. Impact Factor: 0.701
20. S Ghanbarzadeh, A Garjani, M Ziaee, A Khorrami. CoQ10 and L-Carnitine Attenuate the Effect of High LDL and Oxidized LDL on Spermatogenesis in Male Rats. *Drug research*, 2014, 64.10: 510-515. Impact Factor: 0.701
21. S Ghanbarzadeh, A Garjani, M Ziaee, A Khorrami. Effects of L-Carnitine and Coenzyme Q10 on Impaired Spermatogenesis Caused by Isoproterenol in Male Rats. *Drug research*, 2014, 64.9 : 449-453. Impact Factor: 0.701
22. M. Ziaee, M. Eghbal, J. Rahmani, M. Ghaffarzadeh, A. Khorrami, A.

- Garjani. Biological evaluation of a new clofibrate analog (silafibrate) in rodents. *Iranian Journal of Pharmaceutical Research*, 2013, 12(3), 471. Impact Factor: 1.406
23. Takhtfooladi, D Sharifi, S Mokmeli, G Abedi, I Haghdoost, P Mortazavi, H Fattahian, A Asghari, M Abedi, M Ziaee. Effect of 780 nm low level laser therapy on the regeneration of injured sciatic nerves after end to end anastomosis in the rabbit: Histological analysis, *Annals of Biological Research*, 2012, 3 (8):3941-3944.
  24. A. Banani, N Maleki-Dizaji, H Niknahad, A Garjani, M Ziaee. N-acetylaspartylglutamate (NAAG) exhibits antiinflammatory effects on carrageenan-induced paw edema model of inflammation in rats, *African Journal of Pharmacy and Pharmacology* Vol. 6(23), pp. 1702-1703.
  25. A. Banani, N. Maleki-Dizaji, A. Garjani, Sara Mostafalou, M. Ziaee. Clavulanic acid exhibits anti-inflammatory effects on carrageenan-induced paw edema model of inflammation in rats, *Annals of Biological Research*, 2012, 3 (7):3312-3320
  26. A. Garjani, R. Hassanzadeh, S. Andalib, M. Ziaee, H. Sorayya, N. Maleki-Dizaji. Ambivalent effects of atorvastatin on angiogenesis, epidermal cell proliferation and tumorigenesis in animal models. *Iranian Biomedical Journal*. 2012, 16, 3.
  27. M. Ziaee, M. Eghbal, M. Ghaffarzadeh, A. Garjani. Study of hepatoprotective effects of clofibrate and its novel analogue in isolated rat hepatocytes. *Annals of Biological Research*, 2012, 3 (4):1895-1903
  28. M. Ziaee, M. Rasouly, A. Khorrami, S. Andalib, A. Garjani. The effect of pentoxifylline on leukocyte accumulation and angiogenesis in an air pouch model in rat. *Journal of Chemical and Pharmaceutical Research*, 2012, 4(1):402-408
  29. M. Ziaee, M. Samini, M. Bolourtchian, M. Ghaffarzadeh, M. Ahmadi, A. Khorrami, S. Andalib, N. Maleki-Dizaji, A. Garjani. Synthesis of a novel siliconized analog of clofibrate (silafibrate) and comparison of their anti-inflammatory activities. *Iranian Journal of Pharmaceutical Research*, 2012, 11 (1): 91-96. Impact Factor: 1.7
  30. A. Garjani, S. Andalib, M. Ziaee, N. Maleki. Mevalonate independent effects of atorvastatin on angiogenesis: Relevance to cancer *Journal of Molecular and Cellular Cardiology*, 2008, 44(4): 720.
  31. A. Garjani, M. Ziaee, S. Andalib, N. Maleki. Biphasic effects of Atorvastatin on inflammation. *Pak journal of Pharmaceutical Sciences*, 2008, 21(3): 125-30. Impact Factor: 1.1

### Publications in Persian:

1. S. Andalib, M. Ziaee, N. Maleki, H. Maljaei, H. Hamzei, A. Garjani. Comparison of anti-inflammatory and anti-leukocyte accumulation effects of Statins. *Pharmaceutical Sciences Journal of Faculty of Pharmacy, Tabriz University of Medical Sciences* (1386 S.C; 2007 A.D, Summer Issue)

### Abstracts presented in conferences:

1. **M.Ziaee**, A. Khorrami, H. Gassemi-Moghaddam, A. Bahadori.(2019)  
The effects of hydroalcoholic extract of *Hibiscus esculentus* pods on glycemic control and lipid profile in type II diabetic patients: Randomized controlled clinical trial  
8th National Congress on Medicinal Plants, Tehran, Iran.
2. H. Fallah-Husseini, **M.Ziaee**, E. Jassemi (2019)  
The therapeutic effects of *Teucrium polium* on ulcer in diabetic rats  
8th National Congress on Medicinal Plants, Tehran, Iran.
3. **M. Ziaee**, S. Mashayekhi, S. Ghaffari (2018)  
Prognostic value of serum sLox-1 in acute coronary syndromes and its relationship with severity of the disease based on TIMI risk score classification  
14th International Congress of Update in Cardiology and Cardiovascular Surgery. Antalya, Turkey.
4. **M. Ziaee**, A. Khorrami, F. Khalighi-sigaroudi, S. Anadlib, S. Momtaz (2018)  
The study of Cytotoxicity of *Citrullus colocynthis* in PC-12 cell line  
7th National Congress on Medicinal Plants, Shiraz, Iran.
5. **M. Ziaee**, S. Mashayekhi, S. Ghaffari and M. Amiraslazadeh (2017)  
Diagnostic value of serum sLox-1 in acute coronary syndromes and its relationship with severity of the disease based on TIMI risk score classification  
8<sup>th</sup> Congress of clinical pharmacy, Tehran, Iran
6. A.Khorrami, S. Ghanbarzadeh, **M Ziaee**, J. Mahmoudi (2013)  
Protective effect of Coenzyme Q10 in stroke.  
6th national & first international Iranian stroke congress, Tabriz, Iran.
7. A.Khorrami, S. Ghanbarzadeh, **M Ziaee** (2013)  
High Level of Oxidized LDL:A Risk Factor for Stroke.  
6th national & first international Iranian stroke congress, Tabriz, Iran.
8. **M Ziaee**, J Mahmoudi, R Vajdi-Hokmabad (2013)  
The Effect of Modafinil on the 6-OHDA Induced Rat Model of Parkinson's disease  
21th Iranian Congress of Physiology and Pharmacology, Tabriz, Iran.
9. **M Ziaee**, MA. Eghbal, M. Bolourtchian, M. Ghaffarzadeh, S. Mostafalou (2011),

Hepatoprotective effects of the Clofibrate and silafibrate in freshly isolated rat hepatocytes, 20th Iranian Congress of Physiology and Pharmacology, Hamadan, Iran.

10. S Andalib, **M Ziaee**, A. Khorrami, H. Soraya, N. Maleki Dizaji, A. Garjani (2011), [Combined atorvastatin and coenzyme Q10 improve the left ventricular function in isoproterenol-induced heart failure in rat.](#) 20th Iranian Congress of Physiology and Pharmacology, Hamadan, Iran.
11. MA. Eghbal, **M. Ziaee**, M. Bolourtchian, M. Ghaffarzadeh, A. Garjani (2010), [Comparison of the effects of the Clofibrate and its siliconized analogue in freshly isolated rat hepatocytes.](#) 9<sup>th</sup> International Meeting of The International Society For Study of Xenobiotics, 4-8 Sep,2010 Istanbul, Turkey.
12. A.Asadpour, **M. Ziaee**, M. Rasouly,A. Andalib, A. Garjani (2010). [The effect of pentoxifylline on leukocyte accumulation and angiogenesis in airpouch model in rats.](#) 16thWorld Congress on Basic and Clinical Pharmacology, 2010, Copenhagen, Denmark.
13. **M. Ziaee**, A. Andalib, A. Khorrami, M. Samini, A. Garjani (2009). [Comparison of anti-inflammatory and anti-leukocyte accumulation effects of clofibrate.](#) 19th Iranian Congress of Physiology and Pharmacology. 2009. Tehran, Iran.
14. A.Garjani, H. Rezazadeh, **M.Ziaee**, A. Andalib, N. Maleki (2008) [Mevalonate Independent Effects Of Atorvastatin On Angiogenesis : Relevance To Cancer](#)28<sup>th</sup> European Section Meeting of The International Society For Heart Research 28-31 May, Athens, Greece
15. **M.Ziaee**, S.Andalib, A. Garjani, A. Zakheri (2007). [Study of the Anti-Inflammatory effects of Simvastatin in Carrageenan induced footpad edema in Rats.](#) 18<sup>th</sup> Iranian Congress of Physiology and Pharmacology, 26-30 Aug, Mashhad, Iran
16. Garjani,H. Rezazadeh, **M.Ziaee**, S.Andalib, N. Maleki(2007). [Biphasic effects of Atorvastatin on angiogenesis relevance to Cancer.](#) 18<sup>th</sup> Iranian Congress of Physiology and Pharmacology, 26-30 Aug, Mashhad, Iran
17. S.Andalib, **M.Ziaee**, A. Garjani, A. Zakheri (2007). [Study of the Anti-Inflammatory effects of Lovastatin in Carrageenan induced footpad edema in Rats.](#) 18<sup>th</sup> Iranian Congress of Physiology and Pharmacology, 26-30 Aug, Mashhad, Iran
18. A.Garjani, **M.Ziaee**, A. Andalib, Y. Doustar, N. Maleki (2006) [Comparison of anti-inflammatory and anti-leukocyte accumulation effects of Statins.](#)

15<sup>th</sup> World Congress of Pharmacology, 2-7 July, Beijing, China

19. Y. Doustar, **M.Ziaee** (2003).  
UltraStructurally pathological study of Corticosteroids induced thymocyte apoptosis in rats. 16<sup>th</sup> Iranian Congress of Physiology and Pharmacology, 9-13 May, Tehran, Iran
20. Y. Doustar, **M.Ziaee**, S. Mirzahmadi, A. Poran (2003).  
Study of time dependent Dexamethason induce apoptosis in hippocampus of rats. 16<sup>th</sup> Iranian Congress of Physiology and Pharmacology, 9-13 May, Tehran, Iran
21. **M. Ziaee**, A.Bahadori, E. Tamadonfard (2002)  
Induction of peptic ulcer by swimming stress in mice. 5<sup>th</sup> Iranian Congress of Veterinary Medical students, 11-13 March, Ahwaz,Iran

#### Books:

1. Encyclopedia of Medicinal Plants

#### Computer skills:

- Expert in Microsoft Office, Networks, IBM SPSS, Corel Draw, Endnote, Mendeley

#### Foreign languages:

- English