

Curriculum Vita

Family Name: Khazdair

Name: Mohammad Reza

Title: Dr

Date of Birth: 21/04/1983

Language: Persian-English

Place of Birth: Torbat Jam (Khorasan province)

Nationality: Iranian

Home Address: No 2 - kosar 37 - kosar st.-Vakil Abad blv. Mashhad - Iran

Phone: (Home) +98 5118810073

Mobil: +98 9394304656

(Work) +98 563 2395187

E-mail: M.khazdair@Yahoo.com; KhazdairMR@bums.ac.ir

Qualification

1990 – 1995 Primary school; *Jafarabad, Khorasan, IR Iran*

1995 - 1998 Middle School; *Torbat Jam, Khorasan, IR Iran*

1998 - 2001 High school; *Torbat Jam, Khorasan, IR Iran*

2001 - 2005 BSc; *Dept. of Biology, Islamic Azad University, Mashhad, IR Iran*

Sep 2007- Jan 2010 MSc; *Dept. of Biology, Shahid Bahonar University of Kerman, Kerman, IR Iran*

Oct 2013- Jun 2018 Ph.D.; *Pharmaceutical Research Center, Mashhad University of Medical Sciences, Mashhad, IR Iran*

Employment

Nov 2018 - Jul 2019 Lecturer in Clinical Physiology, Torbat Jam Faculty of Medical Sciences, Torbat Jam, Iran

Feb 2019 – Jul 2019 Dean of Clinical Research Development Units, Torbat Jam Faculty of Medical Sciences, Torbat Jam, Iran

May 2019 – Jul 2019 Student-Cultural Director, Torbat Jam Faculty of Medical Sciences, Torbat Jam, Iran

Aug 2019

Assistant Professor in Clinical Physiology, Cardiovascular Diseases
Research Center, Birjand University of Medical Sciences, Birjand,
Iran

Editorial Activities

Executive Assistant in Avicenna Journal of Phytomedicine, April 2010 to July 2018

Editorial Boards in International Journal of thorax, Feb 2018 to current

Reviewer For Peer Review Journals

Inhalation Toxicology

International Journal of Thorax

Physiology and Pharmacology Journal

Journal of Cardio-Thoracic Medicine

Avicenna Journal of Phytomedicine

Awards

Year 2016 Research in Basic Medical Sciences, School of Pharmacy, Mashhad University of
Medical Sciences Festival (First Prize).

Main Interest

1. Airway pharmacology and regulation in asthma
2. The effect of Medicinal plants on respiratory diseases
3. The effect of Medicinal plants on neural system
4. The Relaxant effect of Medicinal plants on tracheal smooth muscle and its possible mechanism(s)
5. Occupational respiratory diseases
6. Respiratory effect of environmental pollution

Publications

- 1- **Khazdair MR**, Boskabady MH, Afshari R, Dadpour B, Behforouz A, Javidi M, Abasnejad AA. Respiratory symptoms and pulmonary function testes in lead exposed workers. Iran Red Cres Med J 2012; 14(11): 727-732.
- 2- **Khazdair MR**, Boskabady MH, Tabatabaei A, Abasnejad M, Hosseini M. Effect of inhaled fluticasone and salmetrol on tracheal responsiveness and lung inflammation; influence of administered time and allergen free priod. Ind J Med Sci 2013; 67(3-4): 78-88.
- 3- Gholamnezhad Z, Boskabady MH, **Khazdair MR**, Abasnejad M, Hosseini M. Effect of fluticasone and salmeterol on tracheal responsiveness to ovalbumin and lung inflammation, administrated during and after sensitization. Sci World J 2014, Article ID 865292.
- 4- Mokhtari-Zaer A, **Khazdair MR**, Boskabady MH. Smooth muscle relaxant activity of *Crocus sativus* (saffron) and its constituents: possible mechanisms. Avicenna J Phytomed 2015; 5(5): 365-375.
- 5- **Khazdair MR**, Boskabady MH, Hosseini M, Rezaee R, Tsatsakis AM. The effects of *Crocus sativus* (saffron) and its constituents on nervous system: A review. Avicenna J Phytomed 2015; 5(5): 376-391.
- 6- **Khazdair MR**, Kiyanmehr M, Boskabady MH, Hashemzahi M, Mehrdad Iranshahi. The effects of *Ferula assafoetida* on muscarinic receptors of guinea-pig tracheal smooth muscle. Jundishapur J Nat Pharm Prod 2015; 10(3): e20008.
- 7- **Khazdair MR**. The Protective Effects of *Nigella sativa* and Its Constituents on Induced Neurotoxicity. J Toxicol 2015; Article ID 841823, 7 pages.
- 8- Mohebbati R, Khajavi Rad A, Shafei MN, Soukhtanloo M, Hosseinian S, Beheshti F, **Khazdair MR**. The Effects of Vitamin C on Adriamycin-Induced Hypercholesterolemia in Rat. Current Nutrition & Food Science 2015; 11(4): 309-314.
- 9- **Khazdair MR**, Boskabady MH, Ghorani V. Respiratory Effects of Sulfur Mustard, Similarities and Differences with Asthma and COPD. Inhal Toxicol 2015; 27(14): 731-744.
- 10- **Khazdair MR**, Boskabady MH. The relaxant effect of *Ferula assafoetida* on smooth muscles and the possible mechanisms. J Herb Med Pharmacol 2015; 4(2): 40-44.
- 11- Kiyanmehr M, Boskabady MH, **Khazdair MR**, Hashemzahi M. The Effects of Tracheal Smooth Muscle Incubation by Propranolol and Chlorfeniramine on Muscarinic Receptors Inhibitory Effect of *Ferula assafoetida*. Malaysian J Med Sci, 2016; 23(1): 35-43.
- 12- Boskabady MH, Hashemzahi M, Khazdair MR, Askari VR. Hydro-ethanolic extract of *Portulaca oleracea* affects beta-adrenoceptors of guinea pig tracheal smooth muscle. Iran J

- Pharm Res 2016; 15 (4): 867-874.
- 13- Abbasnezhad A, **Khazdair MR**, Kianmehr M. The role of nitric oxide on the oxytocin induce analgesia in mice. Iran J Basic Med Sci 2016; 19: 238-244.
 - 14- Hashemzahi M, **Khazdair MR**, Kiyanmehr M, Askari VR, Boskabady MH. *Portulaca olerace* affects muscarinic receptors of guinea-pig tracheal smooth muscle. Indian J Pharm Sci 2016; 78(3): 388-394.
 - 15- **Khazdair MR**, Karimi S, Mohebbati R, Abbasnezhad A, Haghshenas M. The protective effects of Curcuma longa extract on oxidative stress markers in the liver induced by Adriamycin in rat. Physiol Pharmacol 2016; 20: 31-37.
 - 16- Mohebbati R, Abbasnezhad A.A, Khajavi Rad A, Haghshenas M, **Khazdeir M.R**. Effect of Hydroalcoholic Extract of Curcuma longa on Adriamycin-Induced Renal Damage in Rats. Quarterly of the Horizon of Medical Sciences 2016; 22(4): 337-344
 - 17- Mohebbati R, **Khazdair MR**, Karimi S, Abbasnezhad A. Protective effects of combination hydroalcoholic extracts of *Nigella sativa* and *Curcuma longa* on Adriamycin-induced oxidative stress in rat. J Report Pharm Sci 2017; 6: 106-114.
 - 18- Ghorani V, Boskabady MH, **Khazdair MR**, Kianmehr M. Experimental animal models for COPD: a methodological review. Tobacco Induced Diseases 2017; 15: 25.
 - 19- Kianmehr M, Rezaei A, Hosseini M, **Khazdair MR**, Rezaee R, Askari VR, Boskabady MH. Immunomodulatory effect of characterized extract of *Zataria multiflora* on Th1, Th2 and Th17 in normal and Th2 polarization state. Food and Chemical Toxicology 2017; 99: 119-127.
 - 20- Mohebbati R, Anaeigoudari A, **Khazdair MR**. Th effects of Curcuma longa and curcumin on reproductive systems. Endocrine Reg 2017; 51(4): 220–228.
 - 21- Mohebbati R, Shafei MN, Beheshti F, Soukhtanloo M, Mohammadian Roshan N, Anaeigoudari A, Parhizgar S, Hosseinian S, **Khazdair MR**, Khajavi Rad A. Mixed Hydroalcoholic Extracts of *Nigella sativa* and *Curcuma longa* Improves Adriamycin-Induced Renal Injury in Rat. Saudi J Kidney Dis Transpl 2017; 28(6): 1270-1281
 - 22- **Khazdair MR**, Ghorani V, Alavinezhad A, Boskabady MH. Pharmacological effects of *Zataria multiflora* Boiss L. and its constituents, focus on their anti-inflammatory, antioxidant and immunomodulatory effects. Fund Clinic Pharmacol 2018;32(1): 26–50.
 - 23- Alavinezhad A, **Khazdair MR**, Boskabady MH. Possible therapeutic effect of carvacrol on asthmatic patients: A randomized, double blind, placebo-controlled, Phase II clinical trial. Phytpter Res, 2018;32(1): 151–159.
 - 24- **Khazdair MR**, Rajabi O, Balali-Mood M, Beheshti F, Boskabady MH. The effect of *Zataria multiflora* on pulmonary function tests, hematological and oxidant/antioxidant parameters in

- sulfur mustard exposed veterans, a randomized doubled-blind clinical trial. *Environ Tox Pharmacol* 2018; 58: 180-188.
- 25- **Khazdair MR**, Alavinezhad A, Boskabady MH. Carvacrol ameliorates haematological parameters, oxidant/antioxidant biomarkers and pulmonary function tests in patients with sulphur mustard- induced lung disorders: A randomized double- blind clinical trial. *J Clin Pharm Therap* 2018;43(5):664-674.
- 26- Boskabady J, Mokhtari-Zaer A, Abareshi A, **Khazdair MR**, Emami B, Mohammadian Roshan N, Hosseini M, Boskabady MH. The effect of captopril on lipopolysaccharide-induced lung inflammation. *Exp Lung Res* 2018; 30:1-10.
- 27- **Khazdair MR**, Boskabady MH. A double-blind, randomized, placebo-controlled clinical trial on the effect of carvacrol on serum cytokine levels and pulmonary function tests in sulfur mustard induced lung injury. *Cytokine* 2019; 113: 311–318.
- 28- **Khazdair MR**, Boskabady MH. The effect of carvacrol on inflammatory mediators and respiratory symptoms in veterans exposed to sulfur mustard, a randomized, placebo-controlled trial. *Respiratory Medicine* 2019; 150: 21-29.
- 29- **Khazdair MR**, Anaegoudari A, Hashemzahi M, Mohebbati R. Neuroprotective potency of some spice herbs, a literature review. *J Trad Complemen Med* 2019; 9(2): 98-105.
- 30- **Khazdair MR**, Boskabady MH. Long term effect of sulfur mustard exposure on hematologic and respiratory status, a case control study. *Drug Chem Toxicol* 2019; 42 (3):295-299.

English Abstracts:

- 1- **Khazdair MR**, Gholamnezhad Z, Boskabady MH. Smooth muscles relaxant effect of *Zataria multiflora* Boiss L. and its constituents, possible mechanisms and clinical application. *The First International Congress on Complementary and Alternative Medicine. 2015*
- 2- Ghorani V, **Khazdair MR**, Boskabady MH. The relaxant effect of *Ferula assafoetida* on smooth muscles and the possible mechanisms. *The First International Congress on Complementary and Alternative Medicine. 2015*
- 3- Mokhtari-Zaer A, **Khazdair MR**, Boskabady MH. Smooth muscle relaxant activity of *Crocus sativus* (saffron) and its constituents: possible mechanisms. *The First International Congress on Complementary and Alternative Medicine. 2015*
- 4- **Khazdair MR**, Rajabi O, Boskabady MH. Therapeutic effect of *Zataria multiflora* in chemical war victims exposed to sulfur mustard, a randomized doubled-blind clinical trial. *Nutrition: from Laboratory Research to Clinical Studies" (NLRCs). 2017*

- 5- Kianmehr M, Rezaei A, Hosseini M, **Khazdair MR**, Rezaee R, Askari VR, Boskabady MH. Immunomodulatory effect of *Zataria multiflora* extract on Th2 and Th17 in normal and Th2 polarization state. *Nutrition: from Laboratory Research to Clinical Studies" (NLRCS). 2017*
- 6- Mokhtari-Zaer A, **Khazdair MR**, Gholamnezhad Z, Boskabady MH. Tracheal relaxant effect of *Zataria multiflora* Boiss L., possible mechanisms and clinical application. *Nutrition: from Laboratory Research to Clinical Studies" (NLRCS). 2017*