

Curriculum Vitae

PERSONAL DETAILS:

Surname: Zomorodian
Frist Name: Kamiar
Date of birth: 21/03/1974
Place of birth: Shiraz, Iran
Gender: Male
Marital status: Married
Address: Department of Medical Mycology & Parasitology
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EXECUTIVE RECORDS:

- ❖ Head of Central Research Laboratory of SUMS
(<http://centrallab.sums.ac.ir/fa/index.html>)
- ❖ Member of educational committee of Global Strategies and International Affairs
- ❖ Vice-Chancellor of Iranian Society of Medical Mycology

ACADEMIC RECORDS:

Oct 2017- Present **Full Professor** of Medical Mycology, School of Medicine, Shiraz University of Medical Sciences.

July 2011- Oct 2017 **Associate Professor** of Medical Mycology, School of Medicine, Shiraz University of Medical Sciences.

Oct 2006- July 2011 **Assistant Professor** of Medical Mycology, School of Medicine, Shiraz University of Medical Sciences

April 2005 – Feb 2006 **Research Fellow** in Molecular Mycology
Department of Immunodermatology
AKH-Wien, MedicalUniversity of Vienna
Vienna, Austria

2001 – 2006 **Ph.Din** Medical Mycology
Department of Medical Mycology & Parasitology
School of Public Health and Institute of Public Health Research,
TehranUniversity of Medical Sciences
Tehran,Iran
Dissertation: Molecular Characterization of β -Tubulin Gene in dermatophyte pathogen *Trichophytonrubrum* and study of the effects of Griseofulvin on expression of this gene

1998-2000 **Master of Science** in Medical Mycology
Department of Medical Mycology & Parasitology
School of Public Health and Institute of Public Health Research,
TehranUniversity of Medical Sciences

- Tehran, Iran
 Dissertation: Study of fungal infections in pulmonary patients referring to reference hospitals in Tehran
- 1996-1998** **Bachelor of Science** in Medical Laboratory Sciences
 School of Medicine,
 Isfahan University of Medical Sciences
 Isfahan, Iran
- 1994-1996** Studied **Medical Laboratory Technology**
 School of Medicine
 Isfahan University of Medical Sciences
 Isfahan, Iran

EDUCATIONAL ENRICHMENTS:

- 2016** Awarded as the best researcher in School of Medicine, Shiraz University of Medical Sciences.
- 2011** Received "the best Professor of the Year" award of the Shiraz University of Medical Sciences.
- 2010** Awarded as the best lecturer in School of Medicine, Shiraz University of Medical Sciences.
- 2005** Achievement highest credit among PhD student and received appreciation medallion from **Mohammad Khatami-former president of Iran.**
- 2004** Awarded young researcher prize and the appreciation medallion from the board of juries of the **7th Avesina national research festival.**
- 2003** Achievement a premier position in Medical Mycology at School of Public Health, Tehran University of Medical Sciences.
- 2001** Achievement a premier position in Ph.D entrance exam (Medical Mycology)

SPECIALIZATIONS:

Main field: Medical Mycology (Identification of fungal infection by molecular and conventional techniques), Antimicrobial evaluation of synthetic and natural compounds (based on CLSI methods),

Other fields: Molecular Biology, Medical Laboratory Sciences, Medical Microbiology, Medical Education, Psychology of Education

MEMBERSHIPS:

- International society for human and animal mycology (ISHAM)
- Iranian Society of Medical Mycology
- Medical Council, Iran

TEACHING EXPERIENCES:

- Medical Mycology (for the student of medicine, dentistry, pharmacology, nursery, medical laboratory sciences, midwifery and other undergraduate students)
- Advanced Mycology (for the MSc students of Medical Mycology PhD students of Parasitology),
- Introduction to fungi (for the MSc students of Medical Mycology)
- Cutaneous and Mucocutaneous fungal infections (for the MSc students of Medical Mycology)
- Subcutaneous and visceral fungal infections (for the MSc students of Medical Mycology)
- Fungal immunology and Genetics (for the MSc students of Medical Mycology)

REVIEWER:

Medical Mycology, Mycosis, Journal de Mycologie, Memorias do Instituto Oswaldo Cruz, Biochimica et Biophysica Acta (BBA - Biomembranes),MBC Dermatology, Research Journal of Microbiology,Pakistan Journal of Biological Sciences ,Journal of Medical Sciences, Iranian Journal of Public Health, Red Crescent Journal, Iranian Journal of Medical Sciences, Iranian Journal of Pharmaceutical Research, Jundishapor Journal of Microbiology.

FARSI PAPERS:

1. Dehghan P, Kharazi M, Yazdani M, **Zomorodian K**, Chadeganipour M, Akbari M. Diagnosis of *Candida* species isolated from patients with vaginal candidiasis and healthy individuals based on clinical symptoms and paraclinical evidences. Journal of Isfahan Medical School 2012; 30(209):1662-1669.[In Persian]
2. **Zomorodian K**, Tarazooie B, Saadat F, Khodadadi H. The Effects of Antifungal Azoles on Inflammatory Cytokine Production in Human Keratinocytes. *Armaghan Danesh*. 2008; 13(1 (49):65-75.
3. Mirhendi SH, Tarazooie B, **Zomorodian K**, Jalali-Zand N. Molecular identification of *Malassezia* species isolated from tinea versicolor patients by using PCR-RFLP method. *Iranian J Dermatol* 2006, 9(2): 165-172 [In Persian]
4. Eshraghi S, **Zomorodian K**, Kordbacheh P, Geramishoar M, Saber S, "Nocardiosis in Pulmonary Patients" *J GUILAN UNIVERSITY OF MEDICAL SCIENCES*, 2003, 11(44):33-38. [In Persian]
5. Kordbacheh P, **Zomorodian K**, Tarazooie B, Geramishoar M. "New findings about rhinosporidiosis." *Tashkhis Azmayeshgahi (Laboratory Diagnosis)*, 1380 (2002), 18:29-33. [In Persian]
6. Kordbacheh P, **Zomorodian K**, Geramishoar M. "Pulmonary aspergillosis" *Tashkhis Azmayeshgahi (Laboratory Diagnosis)*, 1380 (2002), 12: 23-27 [In Persian]

7. Geramishoar M, **Zomorodian K**, Tarazoie B. "Laboratory diagnosis of onychomycosis." *Tashkhis Azmayeshgahi (Laboratory Diagnosis)*, 1380 (2001), 17:46-50. [In Persian]
8. Geramishoar M, Shidfar MR, Omid K, **Zomorodian K**, "A case of actinomycetoma in hand." *Tashkhis Azmayeshgahi (Laboratory Diagnosis)*, 1380 (2001), 15:52-55. [In Persian]
9. Geramishoar M, Kordbacheh P, **Zomorodian K**, "Pulmonary zygomycosis: case reports." *Tashkhis Azmayeshgahi (Laboratory Diagnosis)*, 1379 (2000), 8:41-42. [In Persian]

ENGLISH PAPERS:

1. Geramishoar M, Emami M, **Zomorodian K**, Tarazoie B, Saadat F. Study and identification of the etiological agents of onychomycosis in Tehran. *Iranian J Publ Health* 2002, 31(3-4):100-104.
2. Saadat F, **Zomorodian K**, Pezeshki M, Khorramizadeh MR. The potential role of nonsteroidal anti-inflammatory drugs (NSAIDs) in chemoprevention of cancer. *Pak J Med Sci* 2003, 19(1): 13-17.
3. Saadat F, Raji A, **Zomorodian K**, Eslami MB, Pezeshki M, Khorramizadeh MR, Alizadeh N. Alteration in matrix metalloproteinases (MMPs) in fibroblast cell line by Dexamethasone: A possible mechanism in corticosteroid-induced glaucoma. *Iranian J Asthma Allergy and Immunology* 2003, 2(3): 145-148.
4. Geramishoar M, Shidfar MR, **Zomorodian K**, Tarazoei B, Afsharfard A, Saadat F. "A case of actinomycetoma in hand treated successfully with Cotrimoxazole and Streptomycin", *Pak J Med Sci* 2003, 19(4): 310-312.
5. Geramishoar M, **Zomorodian K**, Saadat F, Hashemi MJ, Tarazoie B. "Fatal endocarditis due to *Aspergillus flavus* in Iran." *J Pak Med Assoc.* 2004, 54 (9):485-486.
6. **Zomorodian K**, Geramishoar M, Saadat F, Tarazoie B, Norouzi M, and Rezaie S. "Facial demodicosis", *Eur J Dermatol* 2004; 14(2): 121-22.
7. Saadat F, **Zomorodian K**, Pezeshki M, Rezaie S, Khorramizadeh MR. "Inhibitory effect of *Aspergillus fumigatus* extract on matrix metalloproteinases expression", *Mycopathologia* 2004, 158(1): 33-37.
8. Hashemi SJ, Sarasgani MR, **Zomorodian K**. "A comparative survey between serum androgenic hormones levels in male patients with dermatophytosis and normal subjects." *Jpn J Infect Dis* 2004, 57:60-62.
9. Tarazoei B, Kordbacheh P, **Zomorodian K**, Zaini F, Zeraat H, Hallaji Z. "Distribution of *Malassezia* yeasts associated with skin diseases and healthy individuals in Tehran, Iran." *BMC Dermatology* 2004, 4:5.
10. Geramishoar M, Zieni F, **Zomorodian K**, Tarazoei B, Saadat F, Rezaie S. "First case of cerebral phaeohyphomycosis caused by *Nattrassiamangifera* in Iran" *Jpn J Infect Dis*, 2004, 57(6): 285-6.

11. Saadat F, **Zomorodian K**, Pezeshki M, Nickbin B, Amirzargar AA, Khorramizadeh MR. Chemopreventive effects of Diclofenac: implication to cancer. *J Isfahan Med School*, 2004, 73(4):31-34.
12. Mirhendi H, Makimura K, **Zomorodian K**, Yamaguchi H, Differentiation of *Candida albicans* and *Candida dubliniensis* by using a single enzyme PCR-RFLP. *Jpn J Infect Dis*, 2005, 58(4):235-7. PMID: 16116258 [PubMed - in process]
13. Mamishi S, **Zomorodian K**, Saadat F, Gerami-Shoar M, Tarazooie B, Siadati A. A case of invasive aspergillosis in CGD patient successfully treated with Amphotericin B and INF-gamma. *Ann Clin Microbiol Antimicrob*. 2005 3;4(1):4
14. Mirhendi H, Makimura K, **Zomorodian K**, Yamada T, SUGITA T, Yamaguchi H, "A simple PCR-RFLP method to identification and differentiation of 11 *Malassezia* species", *J. Microbiol. Methods*, 2005, 61(2), 281-284.
15. **Zomorodian K**, Uthman U, Tarazooie B, Rezaie S. The Effect of Griseofulvin on the Gene Regulation of Beta Tubulin in Dermatophyte Pathogen *Trichophyton rubrum*. *J Infect Chemother*. 2007 Dec;13(6):373-9.
16. **Zomorodian K**, Mirhendi SH, Tarazooie B, Halaji Z, Balighi K, Zeraati H, Zomorodian S. Isolation and identification of *Malassezia* species in psoriasis and healthy skin using PCR-RFLP method. *Journal of Cutaneous Pathology, J Cutan Pathol*. 2008;35(11):1027-31.
17. **Zomorodian K**, Mirhendi SH, Tarazooie B, Kordbacheh P, Nayeri F, Zeraati H. Molecular analysis of *malassezia* species isolated from neonates. *Journal of Pediatric Dermatology*, 2008,25(3): 312-316.
18. Vojdani M., Zibaei M., Khaledi AAR., **Zomorodian K**, Ranjbar MA. Boshehri S In-vitro Study of the Effect of Clotrimazole Incorporation into Silicone Soft Liner on Fungal Colonization. *Shiraz Univ Dent J*, 2009, 9(Suppl. 1):19-23.
19. Pakshir K, Bahaedinie L, Rezaei Z, Sodaifi M, **Zomorodian K**. In vitro activity of six antifungal drugs against clinically important dermatophytes. *Jundishapur J Microbiol* 2009, 2(4): 158-163.
20. Jarrahpour A, Eskandari M, **Zomorodian K**, Barati E, Ashori R, Salehi Vaziri M, Pakshir K. Synthesis of Some New Monocyclic beta-Lactams Bearing a Morpholine Moiety at their N1 Positions as Antifungal Agents. *Anti-Infective Agents in Medicinal Chemistry*, 2010, 9, 205-219
21. **Zomorodian K**, Rahimi MJ, Pakshir K, Motamedi M, Ghiasi MR, Rezashah H. Determination of antifungal susceptibility patterns among the clinical isolates of *Candida* species. *J Glob Infect Dis*. 2011 Oct;3(4):357-60. doi: 10.4103/0974-777X.91059. PubMed PMID: 22223999; PubMed Central PMCID: PMC3249991.
22. Rezaei Z, Khabnadideh S, **Zomorodian K**, Pakshir K, Kashi G, Sanagoei N, Gholami S. Design, synthesis and antifungal activity of some new imidazole and triazole derivatives. *Arch Pharm (Weinheim)*. 2011 Oct;344(10):658-65. doi: 10.1002/ardp.201000357. Epub 2011 Aug 25. PubMed PMID: 21984016.
23. Saharkhiz MJ, **Zomorodian K**, Rezaei MR, Saadat F, Rahimi MJ. Influence of growth phase on the essential oil composition and antimicrobial activities of *Saturejahortensis*. *Nat Prod Commun*. 2011 Aug;6(8):1173-8. PubMed PMID: 21922929.

24. **Zomorodian K**, Saharkhiz MJ, Rahimi MJ, Bandegi A, Shekarkhar G, Bandegani A, Pakshir K, Bazargani A. Chemical composition and antimicrobial activities of the essential oils from three ecotypes of *Zataria multiflora*. *Pharmacogn Mag*. 2011 Jan;7(25):53-9. doi: 10.4103/0973-1296.75902. PubMed PMID: 21472080; PubMed Central PMCID: PMC3065158.
25. **Zomorodian K**, Rahimi MJ, Safaei A, Bazargani A, Motamadi M, Kharazi M, Mostaghni S, Pakshir K, Ghaedi H, Afsarian MH. Analysis of beta-hemolysis in human blood agars by *Streptococcus pyogenes*. *J Microbiol Methods*. 2011 Jun;85(3):233-4. doi: 10.1016/j.mimet.2011.03.009. Epub 2011 Apr 2. PubMed PMID: 21443912.
26. **Zomorodian K**, Haghghi NN, Rajaei N, Pakshir K, Tarazooie B, Vojdani M, Sedaghat F, Vosoghi M. Assessment of *Candida* species colonization and denture-related stomatitis in complete denture wearers. *Med Mycol*. 2011 Feb;49(2):208-11. doi: 10.3109/13693786.2010.507605. Epub 2010 Aug 26. PubMed PMID: 20795762.
27. Goudarzi GR, Saharkhiz MJ, Sattari M, **Zomorodian K**. Antibacterial activity and chemical composition of *Ajowan* (*Carum copticum* Benth. & Hook) essential oil. 2011; *J AgrSci Tech* 13, 203-208.
28. Rezaei Z, Khabnadideh S, **Zomorodian K**, Pakshir K, Nadali S, Mohtashami N. E Design, Synthesis, and Antifungal Activity of New α -Aminophosphonates. *International Journal of Medicinal Chemistry* 2011, Article ID 678101, 11 pages
29. Motevasel M, **Zomorodian K**, Ashraf Mansouri MA, Farshad SH, Haghghi AR, Hadaegh MG, Takhshid MA. The anti-bacterial effects of *Zataria multiflora* extract on common pathogenic Gram positive cocci, pathogenic Gram negative bacilli and non-pathogenic bacteria *African Journal of Microbiology Research* 2011; 5 (28), 4993-4996.
30. **Zomorodian K**, Moein MR, Rahimi MJ, Pakshir K, Ghasemi Y, Abedi S, Sharbatfar S. Possible Application and Chemical Compositions of *Carum copticum* Essential Oils Against Food borne and Nosocomial Pathogens. *Middle-East Journal of Scientific Research* 2011;9 (2), 239-245
31. Saharkhiz MJ, Motamedi M, **Zomorodian K**, Pakshir K, Miri R, Hemyari K. Chemical Composition, Antifungal and Antibiofilm Activities of the Essential Oil of *Mentha piperita* L. *ISRN Pharm*. 2012;2012:718645. doi: 10.5402/2012/718645. Epub 2012 Dec 13. PubMed PMID: 23304561; PubMed Central PMCID: PMC3532871.
32. Khabnadideh S, Rezaei Z, Pakshir K, **Zomorodian K**, Ghafari N. Synthesis and antifungal activity of benzimidazole, benzotriazole and aminothiazole derivatives. *Res Pharm Sci*. 2012 Apr;7(2):65-72. PubMed PMID: 23181082; PubMed Central PMCID: PMC3501901.
33. **Zomorodian K**, Saharkhiz MJ, Shariati S, Pakshir K, Rahimi MJ, Khashei R. Chemical Composition and Antimicrobial Activities of Essential Oils from *Nepeta cataria* L. against Common Causes of Food-Borne Infections. *ISRN Pharm*. 2012;2012:591953. doi: 10.5402/2012/591953. Epub 2012 Jun 17. PubMed PMID: 22779012; PubMed Central PMCID: PMC3385634.
34. **Zomorodian K**, Parva M, Ahrari I, Tavana S, Hemyari C, Pakshir K, Jafari P, Sahraian A. The effect of seating preferences of the medical students on

- educational achievement. *Med Educ Online*. 2012;17. doi: 10.3402/meo.v17i0.10448. Epub 2012 May 16. PubMed PMID: 22611329; PubMed Central PMCID: PMC3355379.
35. Faghihmirzaei E, Miri R, **Zomorodian K**, Attarroshan M, Javidnia K. Stereoselective biotransformation of estrone to β -estradiol: A comparative study of microbial and plant bioreduction. *Annals of Biological Research*, 2013, 4 (8):85-89
 36. Ebrahimi Saravi M, **Zomorodian K**, Vojdani M, Sattari M. Comparison of Candidal and Bacterial Adherence to Denture Base Acrylic Resins. *The Journal of Islamic Dental Association of IRAN (JIDA)* 2013, 25 (2): 113-118.
 37. Hemyari C, **Zomorodian K**, Ahrari I, Tavana S, Parva M, Pakshir K, Jafari P, Sahraian A. The mutual impact of personality traits on seating preference and educational achievement. *Eur J Psychol Educ*, 2013, 28:863-877
 38. Pakshir K, Rahimi Ghiasi M, **Zomorodian K**, Gharavi AR. Isolation and molecular identification of keratinophilic fungi from public parks soil in Shiraz, Iran *BioMed Research International* 2013, Article ID 619576, 5 pages. <http://dx.doi.org/10.1155/2013/619576>
 39. Pakshir K, **Zomorodian K**, Karamitalab M, Jafari M, Taraz H, Ebrahimi H. Phospholipase, esterase and hemolytic activities of *Candida* spp. isolated from onychomycosis and oral lichen planus lesions. *J Mycol Med*. 2013 Jun;23(2):113-8. doi: 10.1016/j.mycmed.2013.04.007. Epub 2013 May 21. PubMed PMID: 23706304.
 40. Taban A, Rahimi MJ, Saharkhiz MJ, Hadian J, **Zomorodian K**. The Efficacy of *Saturej khuzistanica* Essential Oil Treatment in Reducing *Escherichia coli* O157:H7 Load on Alfalfa Seeds Prior to Sprouting *Journal of Food Safety* 2013; 33(2):121-127.
 41. Motevasel M, Okhovat MA, **Zomorodian K**, Farshad S. A Study of the Effect of *Zataria multiflora* Extract on Methicillin Resistant *Staphylococcus aureus*. *Jundishapur Journal of Microbiology*. 2013, 6(5): e5453
 42. **Zomorodian K**, Moein M, Lori ZG, Ghasemi Y, Rahimi MJ, Bandegani A, Pakshir K, Bazargani A, Mirzamohammadi S, Abbasi N. Chemical composition and antimicrobial activities of the essential oil from *Myrtus communis* leaves. *Journal of Essential Oil Bearing Plants*. 2013; 16 (1), 76-84.
 43. **Zomorodian K**, Saharkhiz MJ, Rahimi MJ, Shariatifard S, Pakshir K, Khashei R. Chemical Composition and Antimicrobial Activities of Essential Oil of *Nepeta cataria* L. Against Common Causes of Oral Infections. *Journal of Dentistry of Tehran University of Medical Sciences*. 2013; 10 (4):329-337.
 44. **Zomorodian K**, Rahimi MJ, Taheri M, Ghanbari Asad A, Khani S, Ahrari I, Pakshir K, Khashei R. The cutaneous bacterial microflora of the bodybuilders using anabolic-androgenic steroids. *Jundishapur J Microbiol*. 2014 Dec 6;8(1):e12269.
 45. Saharkhiz MJ, Kamyab AA, Kazerani NK, **Zomorodian K**, Pakshir K, Rahimi MJ. Chemical Compositions and Antimicrobial Activities of *Ocimum sanctum* L. Essential Oils at Different Harvest Stages. *Jundishapur J Microbiol*. 2014 Dec 6;8(1):e13720.

46. Haddadi P, Zareifar S, Badiee P, Alborzi A, Mokhtari M, **Zomorodian K**, Pakshir K, Jafarian H. Yeast colonization and drug susceptibility pattern in the pediatric patients with neutropenia. *Jundishapur J Microbiol.* 2014 Sep;7(9):e11858.
47. Zamani L, **Zomorodian K**, F Mirjalili BB, Khabnadideh S. One pot preparations 1-Amidoalkyl-2-Naphtols derivatie catalyzed by Nano-TiCl₄.SiO₂ with antimicrobial studies of some products. *The Journal of Pharmaceutical and Scientific Innovation [JPSI]*, 2014, 3 (3), 208-216.
48. Zamani L, Mirjalili BF, **Zomorodian K**, Namazian M, Khabnadideh S, Faghihmirzaei E. Synthesis of Benzimidazoles in the presence of NANO-TiCl₄.SiO₂ as antifungal agents and tautomerism theoretical study of some products. *Famacia* 2014, 62 (3), 467-482.
49. Khashei R, Sarie E, Sedigh H, Alfatemi MH, **Zomorodian K**. Antimicrobial Resistance Patterns of Colonizing Microflora on the Personnel Hands and Noses Working in the Neonatal Intensive Care Unit (NICU). *World Applied Sciences Journal* 2014, 30(10)
50. Zamani L, Mirjalili BBF, **Zomorodian K**, Zomorodian S. Synthesis and characterization of 5-substituted 1H-tetrazoles in the presence of nano-TiCl₄.SiO₂. *South African Journal of Chemistry* 2015, 68, 133-137.
51. Zarshenas MM, Moein M, **Zomorodian K**, Almasi M, Pakshir K. Preparation and Analysis of Rosa damascena essential oil composition and Antimicrobial Activity Assessment of its fractions. *Iranian Journal of Science and Technology (Sciences)* 2015,
52. Hamedi A, **Zomorodian K**, Safari F. Antimicrobial activity of four medicinal plants widely used in Persian folk medicine *Research Journal of Pharmacognosy* 2015, 2 (1), 25-33
53. Yousefi-Avarvand A, Khashei R, Sedigh Ebrahim-Saraie H, Emami A, **Zomorodian K**, Motamedifar M. The Frequency of Exotoxin A and Exoenzymes S and U Genes Among Clinical Isolates of *Pseudomonas aeruginosa* in Shiraz, Iran. *Int J Mol Cell Med.* 2015 Summer;4(3):167-73.
54. **Zomorodian K**, Ghadiri P, Saharkhiz MJ, Moein MR, Mehriar P, Bahrani F, Golzar T, Pakshir K, Fani MM. Antimicrobial activity of seven essential oils from Iranian aromatic plants against common causes of oral infections. *Jundishapur J Microbiol.* 2015 Feb 19;8(2):e17766.
55. Moein MR, **Zomorodian K**, Pakshir K, Yavari F, Motamedi M, Zarshenas MM. *Trachyspermum mammi* (L.) sprague: chemical composition of essential oil and antimicrobial activities of respective fractions. *J Evid Based Complementary Altern Med.* 2015 Jan;20(1):50-6.
56. Pakshir K, Mohamadi T, Khodadadi H, Motamedifar M, **Zomorodian K**, Alipour S, Motamedi M. Proteolytic activity and cooperative hemolytic effect of dermatophytes with different species of bacteria. *Curr Med Mycol.* 2016 Dec;2(4):9-14.
57. Mamishi S, **Zomorodian K**, Saadat F, Jalali SZ, Geramishoar M. Osteomyelitis and lung abscess due to *Aspergillus fumigatus* in a chronic granulomatous disease patient. *Curr Med Mycol.* 2016 Sep;2(3):37-41.

58. Saharkhiz MJ, **Zomorodian K**, Taban A, Pakshir K, Heshmati K, Rahimi MJ. Chemical Composition and Antimicrobial Activities of Three *Satureja* Species Against Food-borne Pathogens Journal Of Essential Oil Bearing Plants, 2016, 19(8): 1984-1992
59. Hosseini N, Yazdanpanah S, Saki M, Rezazadeh F, Ghapanchi J, **Zomorodian K**. Susceptibility of *Candida albicans* and *Candida dubliniensis* to Photodynamic Therapy Using Four Dyes as the Photosensitizer. J Dent (Shiraz). 2016 Dec;17(4):354-360.
60. Khabnadideh S, **Zomorodian K**, Mirjalili BF, Izadi E, Zamani L. One pot preparations n,n'-alkylidenebisamidederivatives catalyzed by nano-TiCl₄.SiO₂ with antimicrobial studies of some products. J. Chil. Chem. Soc., 2016, 61(3):3034-3038.
61. Karimzadeh I, Haghghati G, Ramzi M, Sagheb MM, **Zomorodian K**. Electrolyte disorders during vancomycin treatment in hospitalized patients at hematology-oncology wards of Namazi hospital in Shiraz. Trends in Pharmaceutical Sciences 2 (3), 223-228
62. **Zomorodian K**, Pourshahid S, Sadatsharifi A, Mehryar P, Pakshir K Rahimi MJ, Arabi Monfared A. Biosynthesis and Characterization of Silver Nanoparticles by *Aspergillus* Species. BioMed Research International 2016, , Article ID 5435397, 6 pages
63. Sepehrian H, Amani AM, Ghasemi Y, Savardashtaki A, **Zomorodian K**, Mirzaei E, Zare B. A novel eco-friendly method for the synthesis of 2,3-dihydroquinazolin-4(1H)-ones in aqueous media under ultrasonication using ZrOCl₂-MCM-41 as a highly efficient nanocatalyst/nanoreactor. Bulgarian Chemical Communications 48 (3), 395– 402
64. Dehghani B, Mottamedifar M, Khoshkharam-Roodmajani M, Hassanzadeh A, **Zomorodian K**, Rahimi A. SDS-PAGE Analysis of the Outer Membrane Proteins of Uropathogenic *Escherichia coli* Isolated from Patients in Different Wards of Nemazee Hospital, Shiraz, Iran. Iranian Journal of Medical Sciences (IJMS) 2016, 41(5): 399-405.
65. Javidnia K, Faghieh-Mirzaei E, Miri R, Attarroshan M, **Zomorodian K**. Stereoselective Reduction of Prochiral Ketones by Plant and Microbial Biocatalysts. Indian Journal of Pharmaceutical Sciences. 2016;78(1):73-79.
66. Motamedi M, Ghasemi Z, Shidfar MR, Hosseinpour L, Khodadadi H, **Zomorodian K**, Mirhendi H. Growing Incidence of Non-Dermatophyte Onychomycosis in Tehran, Iran. Jundishapur Journal of Microbiology. 2016, 26;9(8):e40543.
67. Javidnia K, Faghieh-Mirzaei, Miri R, Attarroshan M, **Zomorodian K**. Biotransformation of acetoin to 2,3-butanediol: Assessment of plant and microbial biocatalysts. Research in Pharmaceutical Sciences. 2016; 11(4): 349-354.
68. Nejabat M, Yaqubi N, Khosravi A, **Zomorodian K**, Ashraf MJ, Salouti R. Therapeutic Effect of Intrastromal Voriconazole, Topical Voriconazole, and Topical Natamycin on *Fusarium* Keratitis in Rabbit. Journal of Ophthalmology, 2016, Article ID 8692830, 6 pages, doi:10.1155/2016/8692830
69. Mirjalili BF, Zamani L, **Zomorodian K**, Khabnadideh S, Haghghijoo Z, Malakotikhah Zahra, Ayatollahi Mousavi SA, Khojasteh S. Synthesis, antifungal

- activity and docking study of 2-amino-4H-benzochromene-3-carbonitrile derivatives. *Journal of Molecular Structure* 2016, 1116:102-108.
70. Sahraian A, Hemyari C, Ayatollahi M, **Zomorodian K**. Workplace violence against medical students in Shiraz, Iran, *Shiraz e-medical journal*, 2016, 17 (4-5):e35754
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REGISTERED GENE:

1. **Authors:** **Zomorodian K.**, Tarazooie B., Kordbacheh P., Rezaian M., Korramizadeh M.R. and Rezaie S.
Title: Molecular characterization of beta-tubulin gene from dermatophyte pathogen *Trichophytonrubrum*
Definition:*Trichophytonrubrum* beta-tubulin mRNA, complete cds.
Accession: AY763789
2. **Authors:** Rezaie S., Khodadadi H., **Zomorodian K.**, Korramizadeh M.R., Mirhendi H. and Kordbacheh P.
Title:Molecular characterization of vacuolar ATPase from dermatophyte pathogen *Trichophytonrubrum*
Definition:*Trichophytonrubrum* vacuolar ATPase mRNA, complete cds.
Accession: AY834222
3. **Authors:** Uthman,A., Zomordian,K., Soeltz-Szoets,J. and Tschachler,E.
Title: Molecular characterization of beta-tubulin gene from dermatophyte pathogen *Microsporumcanis*
Definition:Microsporumcanis beta-tubulin gene, complete cds.
Accession: DQ449623

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