

Curriculum Vitae

Personal Description

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Academic Qualification

(Certificate / Qualification obtained)	(Name of School / Institution)	(Year obtained)	(Area of Specialization)
Ph.D	Universiti Putra Malaysia	۲۰۱۴	Medical Microbiology
Msc	Universiti Putra Malaysia	۲۰۱۱	Medical Microbiology
Bsc	Azad Islamic University of Arak	۲۰۰۵	Microbiology

Selected Papers Presented In International Congress:

١. **Ghafouryan S**, Sadeghifard N. Antimicrobial Pattern and Frequency and Clonal Dissemination of TEM & SHV Genes in *Klebsiella Pneumonia* Isolated From Patients in Milad Hospital and Ilam hospitals. ٢٠٠٩. BAKU
٢. Mohebi, R., Sadeghifard, N., **Ghafouryan, S**. Incidence of Metallo Beta Lactamase Producing *Pseudomonas Aeruginosa* and Frequency of VIM and IMP Genes in Kerman Hospital & Ilam Hospitals. ٢٠٠٩. BAKU
٣. Sadeghifard, N., **Ghafouryan, S**. PREVALENCE of SHV and TEM genes among ESBL producing *E. coli* in Milad and Ilam hospitals. ٢٠٠٩. BAKU
٤. *Abbas Maleki, Sobhan Ghafourian, Mostafa Akbari Qomi, Norkhoda Sadeghifard.* Antibiotic Susceptibility and Molecular Analysis of *Acinetobacter Baumannii* Strains Isolated from Three Teaching Hospitals by REP-PCR and ERIC-PCR. The ١٣th Iranian & The Second International Congress of Microbiology
٥. *Iraj pakzad, soya Bahmani, sobhan Ghafourian, Hssan Hosseinzadehgan.* Diagnosis of human brucellosis by PCR of *16S/16L* and *16srRNA* genes compare with common serological tests

٦. **Ghafourian, S.**, Sadeghifard, N., Mohebi, R. STUDY OF *KLEBSIELLA PNEUMONIAE* UROPATHOGENIC STRAINS PRODUCING EXTENDED-SPECTRUM BETA-LACTAMASE IN THREE HOSPITALS , IRAN. ٤TH Congress of European Microbiologists Geneva, Switzerland, June ٢٦-٣٠, ٢٠١١.
٧. Mohebi, R., Sadeghifard, N., **Ghafourian, S.**, Abouali galehdari, E. *KLEBSIELLA PNEUMONIAE* PRODUCTION EXTENDED SPECTRUM BETA-LACTAMASES IN RESPIRATORY TRACT. ٤TH Congress of European Microbiologists Geneva, Switzerland, June ٢٦-٣٠, ٢٠١١.
٨. **Ghafourian, S.** Sadeghifard, N., Mohebi, R., Hushmand Far, R. CHARACTERIZATION OF THE FIRST IMP METALLO BETA-LACTAMASE GENE PRODUCING *PESUDOMONAS AEROGINOSA* STRAINS ISOLATED IN ILAM , IRAN. ٢١st ECCMID ٢٠١١ - ٢٧th ICC. ٧ - ١٠ May ٢٠١١ / Milan, Italy.
٩. Raftari, M., Azizi jalilian, F., **Ghafourian, S.**, Abu bakr, F. Optimized antibacterial measures against *E. coli* O١٥٧:H٧ and *S. aureus*. ٢١st ECCMID ٢٠١١ - ٢٧th ICC. ٧ - ١٠ May ٢٠١١ / Milan, Italy.
١٠. N. Sadeghifard, Z. Rasaei, M.R Zolfaghari, **S. Ghafourian**. Prevalence of PAPI-١ in clinical isolates of *Pseudomonas aeruginosa* **ECCMID ٢٠١٢ London.**
١١. N. Sadeghifard, **S. Ghafourian**, A. Maleki, R. Mohebi. Prevalence of intestinal parasitic infections among suspected referred patients to a reference laboratory in Ilam, Iran. **ECCMID ٢٠١٢ London.**
١٢. Zambari Sekawi, **Sobhan Ghafourian**. Toxin antitoxin system: A key for antimicrobial Target among *Acinetobacter baumannii*. ECCMID ٢٠١٣ Germany.

۱۳. **Ghafourian S.**; Sekawi Z.; Good L.; Sadeghifard N. MazEF toxin-antitoxin system is a widespread and sensitive antimicrobial target in antibiotic-resistant *Staphylococcus aureus*. *eccmid* ۲۰۱۴ Spain.
۱۴. Sadeghifard, N.; Soheili, S.; **Ghafourian, S.**; Hamat, R.A.; Sekawi, Z.. Toxin-antitoxin system as a sensitive target in pathogenic *Enterococcus*. *eccmid* ۲۰۱۴ Spain.

International Journals

۱. **Ghafourian, S.**, Sadeghifard, N., Soheili, S., & Sekawi, Z. (۲۰۱۵). Extended spectrum beta-lactamases: Definition, classification and epidemiology. *Current Issues in Molecular Biology*, ۱۷(۱), ۱۱-۲۲. (ISI, IF=۶)
۲. Azar Hasanvand, **Sobhan Ghafourian**, Morovat Taherikalani, Farid A Jalilian, Nourkhoda Sadeghifard, Iraj Pakzad: Antiseptic Resistance in Methicillin Sensitive and Methicillin Resistant *Staphylococcus aureus* Isolates from Some Major Hospitals, Iran.. ۰۶/۲۰۱۵;
۳. Sara Soheili, **Sobhan Ghafourian**, Zamberi Sekawi, Vasantha Kumari Neela, Nourkhoda Sadeghifard, Morovat Taherikalani, Afra Khosravi, Ramliza Ramli: The mazEF toxin-antitoxin system as an attractive target in clinical isolates of *Enterococcus faecium* and *Enterococcus faecalis*. *Drug Design, Development and Therapy* ۰۵/۲۰۱۵; ۹(May):۲۵۵۳ – ۲۵۶۱.
DOI: ۱۰.۲۱۴۷/DDDT.S۷۷۲۶۳
۴. M H Karimfar, F Niazvand, K Haghani, **S Ghafourian**, R Shirazi, Salar Bakhtiyari: The protective effects of melatonin against cryopreservation-induced oxidative stress in human sperm. *International journal of immunopathology and pharmacology* ۰۳/۲۰۱۵; ۲۸(۱):۶۹-۷۶.
DOI: ۱۰.۱۱۷۷/۰۳۹۴۶۳۲.۱۵۵۷۲.۸.
۵. Sajedah Karimi, **Sobhan Ghafourian**, Morovat Taheri Kalani, Farid Azizi Jalilian, Saeed Hemati, Nourkhoda Sadeghifard: Association Between Toxin-Antitoxin Systems and Biofilm Formation. *Jundishapur Journal of Microbiology* ۰۱/۲۰۱۵; ۸(۱):e۱۴۵۴۰. DOI: ۱۰.۵۸۱۲/jjm.۱۴۵۴۰

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۱۷. **Ghafourian, S.**, Sadeghifard, N., Sekawi, Z. B., Neela, V. K., Shamsudin, M. N., Mohebi, R., . . . Raftari, M. (۲۰۱۰). Antimicrobial pattern and clonal dissemination of extended-spectrum beta-lactamase producing klebsiella spp isolates. *American Journal of Infectious Diseases*, ۷(۴), ۱۱۰-۱۲۱. (SCOPUS)
۱۸. **Ghafourian, S.**, Sadeghifard, N., Sekawi, Z. B., Neela, V. K., Shamsudin, M. N., Pakzad, I., . . . Rahbar, M. (۲۰۱۱). Phenotypic and genotypic assay for detection of extended spectrum β -lactamases production by klebsiella pneumoniae isolates in emam reza hospital in tabriz, iran. *Journal of Pure and Applied Microbiology*, ۵(۱), ۱-۱۰. (ISI, IF=۰.۰۵)
۱۹. **Ghafourian, S.**, Sekawi, Z., Neela, V., Khosravi, A., Rahbar, M., & Sadeghifard, N. (۲۰۱۲). Incidence of extended-spectrum beta-lactamase-producing klebsiella pneumoniae in patients with urinary tract infection. [Incidência de klebsiella pneumoniae produtoras de beta-lactamases de espectro estendido em pacientes com infecção do trato urinário] *Sao Paulo Medical Journal*, ۱۳۰(۱), ۳۷-۴۳. (ISI, IF=۰.۸)
۲۰. **Ghafourian, S***, Sekawi, Z., Raftari, M., & Ali, M. S. M. (۲۰۱۳). Application of proteomics in lab diagnosis. *Clinical Laboratory*, ۵۹(۵-۶), ۴۶۵-۴۷۴. (ISI, IF=۱)
۲۱. **Ghafourian, S.**, Sekawi, Z. B., Sadeghifard, N., Mohebi, R., Neela, V. K., Maleki, A., . . . Ranjbar, R. (۲۰۱۱). The prevalence of ESBLs producing klebsiella pneumoniae isolates in some major hospitals, iran. *Open Microbiology Journal*, ۵, ۹۱-۹۵. (PUBMED-SCOPUS)
۲۲. **Ghafourian, S.**, Soheili, S., Aboualigalehdari, E., Sadeghifard, N., Mohebi, R., Maleki, A., . . . Sekawi, Z. (۲۰۱۴). Differential between multi-drug resistance pattern of extended spectrum β -lactamases producing E. coli and K. pneumoniae. *Journal of Pure and Applied Microbiology*, ۸(SPEC. ISS. ۱), ۸۵-۸۹. (ISI, IF=۰.۰۵)
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۲۴. Gholami Parizad, E., Khosravi, A., Gholami Parizad, E., Sadeghifard, N., & **Ghafourian, S.** (۲۰۱۲). Evaluation of chronic hepatitis B infection in patients with seronegative HbsAg. *Iranian Journal of Public Health*, ۴۱(۲), ۱۰۰-۱۰۴. (ISI, IF=۰.۰۵)
۲۵. Hosseini, S., Maleki, A., **Ghafourian, S.**, Fadavi, M. R., Valadbeigi, H., Shahmir, P., Sadeghifard, N. (۲۰۱۴). Molecular characterization of AmpC β -lactamases among klebsiella pneumoniae isolated from ilam and tehran hospitals, from iran. *Journal of Pure and Applied Microbiology*, ۸(۳), ۲۲۱۷-۲۲۲۰. (ISI, IF=۰.۰۵)
۲۶. Khosravi, A., Asadollahy, E., **Ghafourian, S.**, Sadeghifard, N., & Mohebi, R. (۲۰۱۳). Synthesis and evaluation of monoclonal antibody against plasmodium falciparum merozoite surface antigen ۲. *Asian Pacific Journal of Tropical Medicine*, ۷(۱۰), ۷۹۸-۸۰۳. (ISI, IF=۰.۰۵)

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۳۱. Mohebi, R., **Ghafourian, S.**, Sekawi, Z., Neela, V., Raftari, M., Aboualigalehdari, E., & Sadeghifard, N. (۲۰۱۲). Extended-spectrum beta-lactamases producing klebsiella species isolated from several major hospitals in iran. *European Journal of Inflammation*, ۱۰(۳), ۲۶۹-۲۷۸. (ISI, IF=۰.۹۹)
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۳۵. Pakzad, I., Zadegan, H. H., **Ghafurian, S.**, Hematian, A., & Fooladi, A. A. I. (۲۰۱۲). Microbiological pattern and antibiotic susceptibility of isolates from bronchiectasis. *Journal of Pure and Applied Microbiology*, ۷(۳), ۱۱۲۷-۱۱۳۲. (ISI, IF=۰.۰۵)
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۴۰. Raftari, M., Jalilian, F. A., Abdulmir, A. S., Ghafurian, S., Sekawi, Z., Son, R., & Bakar, F. A. (۲۰۱۲). Antibacterial activity of organic acids on salmonella and listeria. *Asia Life Sciences*, ۲۱(۱), ۱۳-۲۰. (ISI, IF=۰.۲)
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50. Valadbeigi, H., Tabatabaei, R. R., Malek, A., Sekawi, Z., Raftari, M., Parvaneh, K., **Ghafourian, S***, Sadeghifard, N. (2014). Genomic diversity and virulence genes among clinical isolates of pseudomonas aeruginosa. *Clinical Laboratory*, 70(3), 363-367. (ISI, IF=1)
51. Maleki A, Pakzad I, Hosseini Sh, Ranjbar R, Purshafie MR, Mohebi R, **Ghafourian S**, Hemateyan A, Sadeghi fard. Frequency Analysis of Genes ctxA, tcpA, Ace and Zot in Vibrio Cholerae Isolated of Epidemy of Summer 2000 in Iran By PCR. Scientific Journal of Ilam University of Medical Sciences 2010.
52. Mohammadi F, Tabaraie B, Sadeghifard N*, **Ghafaorian S**, Maleki A, Davoodian E, Rahbar M, Mohammadzadeh M. Evaluation of Drug Resistance Frequency Among Entrococci faecium and E. faecalis Strains And Detection of VanA/B Genes in Vancomycin Resistance Isolated By PCR Method in Ilam And Kermanshah Hospitals. Scientific Journal of Ilam University of Medical Sciences 2011
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55. Afra Khosravi, Morteza Shamsi, Noorkhoda Sadeghifard and **Ghafourian Sobhan**. Evaluation of mice, sheep and human IgG and IgE antibody responses against the mice Crude Hydatid Cyst Fluid (HCF) antigens. Journal of Cell and Animal Biology Vol. 6(5), pp. 66-72, 10 March, 2012
56. Valizadeh A, Sadeghifard N*, Zolfaghary M.R , Maleki A, **Ghafourian S**, Shakib P. Study of Mutation Frequency in PA³⁷²¹ Gene among Producing and Non-producing ESBLs Pseudomonas aeruginosa Strains by PCR method. Scientific Journal of Ilam University of Medical Sciences 2012
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Books

Sobhan Ghafourian: Toxin - Antitoxin systems and Virulence Genes in Enterococcus faecium. ·٤/٢٠١٤; LAMBERT Academic Publishing., ISBN: ٩٧٨-٣٦٥٩٥١٧١٢٩

Sobhan Ghafourian: Antibacterial Activity Of Organic Acids On The Growth Of Selected Bacteria In Meat Samples. ·٦/٢٠١١; LAMBERT Academic Publishing., ISBN: ٩٧٨-٣٨٤٤٣٨٣٩٤٢

Sobhan Ghafourian: Molecular characterization of ESBL producing Klebsiella SPP isolates:. ·٤/٢٠١١; LAP LAMBERT Academic Publishing., ISBN: ٩٧٨-٣٨٤٤٣١٧٣١٢