

CURRICULUM VITAE

Surname: GHAZNAVI RAD

First Name: EHSANOLLAH

Date of Birth: July. 28. 1967

Place of Birth: Arak- IRAN

Citizenship: Iranian

Title: Assistant Professor

Sex: Male

Marital Status: Married

Passport No.: K17154591

EDUCATIONAL BACKGROUND:

**Degree awarded Field of Study Year of award Institution Country Grade Point
verage**

B.Sc.	Medical technology	1990	Qom university	Iran	16.32 (out of 20)
M.Sc.	Medical Microbiology	1999	Isfahan university of medical sciences	Iran	16.36(out of 20)
Ph.D.	Medical Microbiology	2010	University Putra Malaysia	Malaysia	3.97(out of 4)

THESIS AND DISSERTATION

M.Sc. Thesis Title:

Study of penicillin type resistant of neisseria gonorrhoeae and antibiotic susceptibility testing of isolate in Arak city.

Ph.D Thesis Title:

Molecular epidemiology and therapeutic potential of persian shallot (*allium ascalonicum* l.) in the management of methicillin resistant *staphylococcus aureus* infection

ACADEMIC DUTIES

Faculty Member of Department of Microbiology, School of medical science, Arak

University of Medical Science. Bashj square 384817694 , ARAK, IRAN

TECHNICAL SKILLS

Molecular characterization epidemiology of infectious diseases
Diagnosis and pathogenesis of Methicillin Resistant *Staphylococcus aureus*
Laboratory diagnosis and management of usual pathogenic bacteria
Staphylococcus cassette chromosome typing of MRSA
Spa and MLST typing of MRSA
Microlymphocytotoxicity(HLA typing)
Chemical kindeling model of epilepsy
Shuttle box active and passive avoidance learning
Murris water mase spaciall memory and learning

TEACHING EXPERIENCE

Teaching microbiology in medical department and biology department for 6 years.

PUBLICATIONS

A) Full Papers

1. **Ghaznavi.E** , Fazeli. A , Yazdani. R, Joorabchi. A, Kalantar. E. Study of penicillin type resistant neisseria gonorrhoeae and susceptibility testing of usuall antibiotics for gonococcal diseases in Aran city. Rahavard Danesh .VOL 2 , No.6, spring 1998 .
2. **Ghaznavi.E** , Fazeli. A , Yazdani. R, Rafiei. M, Joorabchi. A. The relation of zone inhibition and MIC in neisseria gonorrhoeae isolated in Arak city. (Rahavard Danesh)Volume 5 No.2 , summer 2002.
3. Fouroughifar. N, Shariatzadeh. S.M.A, **Ghaznavi. E**, Rahimpour. Y. Synthesis and biological activity of pyrazolines and related compounds. ORIENTAL. J . OF CHEMISTRY. 15(1999) 413-414.
4. Fouroughanifar. N, Shariatzadeh. S.M.A, **Ghaznavi. E**, Mobini. A, Masoudnia. M. Synthesis, characterization and microbial activity studies of some –4-aryl-6-methyl-2-thioxo 1,2,3,4 tetrahydropyrimidine-5-carboxylic acid derivaties. ULTRA SCIENCE. 12(2000) 277-280.
5. Shariatzadeh SMA, **Ghaznavi E**, Fani A, Mossayebi G. HLA class I and II associated with succetpibility and resistance to Ulcerative Colitis. Indian Journal of Gastroenterology. 2005, Vol 24 January- february.

6. Palizvan M.R, **Ghaznavi E**, Amini Komijani A Effects of Verapamile and Naloxone on suppression of seizures in Pentylenetetrazol-Kindled Rat. Zanzan university of medical science journal.Vol 12,No 48,Autumn 2004.pp:1-9.

7. Palizvan M.R Amini Komijani A. **Ghaznavi E**. Effect of Intrahippocampal Injection of Verapamil on Pentylenetetrazol Kindling in Rats. Arak Medical University Journal (AMUJ) fall 2005; 8(3 (32)):8-15.

8- Shariatzadeh S.M.A., Mosayebi G., Mahdavi-Sharei N., **Ghaznavi-Rad E.**, Fani A., Dezfulian A., Chehreie A. Comparison of dermatoglyphics and human leukocyte antigens in patients with insulin-dependent diabetes mellitus in Markazy province. .Arak university of medical science . Journal, Rahavard danesh, Vol 6, No 3, Autumn 2003.pp:28-36.

9. Mossayebi G, **Ghaznavi E**,Fani A, Moazzeni SM.Frequency of human leukocute antigen (HLA) class I and II in arakian patients with Insuline dependent diabetic mellitus. Arak university of medical science Journal, Rahavard danesh (Accepted).

10. Palizvan M.R., **Ghaznavi E.**, Amini Komijani A. Effect of Intrahippocampal Injection of Verapamil During Chemical Kindling On Morris Water Maze Learning In Rats. Scientific Journal of Kurdistan University of Medical Sciences Summer 2005; 10(2 (Serial number 36)):1-9.

11. Palizvan MR , **Ghaznavirad E**. Evaluation Of Relation Between Learning And Sensitivity To Chemical Kindeling With Pentylenetetrazole In Male Rats. Daneshvar Medicine, June-July 2007; 14(69):33-38.

12. Palizvan MR , Khademi S , **Ghaznavi E** . Effect of repeated electrical stimulation in pentylenetetrazol-induced kindling in male rats. Arak Medical University Journal (AMUJ) Spring 2005; 8(1 (30)):14-21.

13. **Ghaznavi E**,Zareie R,Jafari A,Jourabchi A,Moieni L,Rafiei M.Evaluation of prevalence and risk factor of Moraxella catarrhalis infection for patients in Vali-Asre and Amirkabir hospital between August 2003- March 2004. Yaft-E, Fall 2005-WINTER 2006; 7(3-4 (26)):117-122

14. Mobinikhalidi VA, Foroughifar N, Shariatzadeh SM, **Ghaznavi E**. Synthesis and biological activities of some oxazolo- and oxothiazolo pyrimidines. *Asian Journal of Chemistry*, Vol 19, No.1(2007), 228-232.
15. **Ghaznavi-Rad, E.**, M. N. Shamsudin, Z. Sekawi, L. Y. Khoon, M. N. Aziz, R. A. Hamat, N. Othman, P. P. Chong, A. van Belkum, H. Ghasemzadeh-Moghaddam, and V. Neela. 2010. Predominance and Emergence of Clones of Hospital-Acquired Methicillin-Resistant *Staphylococcus aureus* in Malaysia. *Journal of Clinical Microbiology* 48:867-72. (IF: 4.16)
16. **Ehsanollah Ghaznavi-Rad**, Hamed Ghasemzadeh-Moghaddam Mariana Nor Shamsudin, , Rukman Awang Hamat, Zamberi Sekawi, Mehri Tavakol, Alex van Belkum, Vasanthakumari Neela. Environmental contamination in the hospital as a possible source for nosocomial infection with Methicillin Resistant *Staphylococcus aureus*. *Infection Control Hospital Epidemiology*. 2010 Oct 28. [Epub ahead of print] (IF: 2.76)
17. **Ghaznavi-Rad, E.**, Mariana Nor Shamsudin., Rukman Awang Hamat., Zamberi Sekawi., Alex van Belkum., Vasanthakumari Neela. A simplified multiplex PCR assay for fast and easy discrimination of globally distributed SCCmec types in Methicillin Resistant *Staphylococcus aureus*. *Journal of Medical Microbiology*. 2010 Oct; 59: 1135-9. Epub 2010 Jul 8 (IF: 2.27)
18. **Ehsanollah, G. R.**, Neela, V., Chong, P. P., Zamberi, S., & Mariana, N. S. (2009). Anti-adhesive and anti-invasive activities of an oil based di-herbal extract against methicillin resistant *Staphylococcus aureus*. *African Journal of Microbiology Research*, 3(5), 272-275. (IF: 0.4)
19. Neela, V., Arif, M. Z., Nor Shamsudin, M., van Belkum, A., Khoon, L. Y., & **Ghaznavi-Rad, E**. (2009). Prevalence of ST-9 MRSA among pig and pig handlers in Malaysia. *Journal of Clinical Microbiology*, 47(12).4138-4140. (IF: 4.16).
20. Neela, V., **Ehsanollah, G. R.**, Zamberi, S., Van Belkum, A., & Mariana, N. S. (2008). Prevalence of Panton-Valentine leukocidin genes among carriage and invasive *Staphylococcus aureus* isolates in Malaysia. *International Journal of Infection Diseases*, 13, e131-e132. (IF: 2.16)

21. Neela, V., Ghasemzadeh Moghaddam, H., Van Belkum, A., Horst-Kreft, D., Mariana, N. S., & **Ghaznavi Rad, E.** (2009). First report on methicillin-resistant *Staphylococcus aureus* of Spa type T037, Sequence type 239, SCCmec type III/IIIA in Malaysia. *European Journal of Clinical Microbiology & Infectious Diseases*, 29(1), 115-117. (IF: 2.6)
22. VasanthaKumari, N., Alshrari, A. S. D., **Ghaznavi-Rad, E.**, Moghaddam, H. G., van Belkum, A., Alreshidi, M. A., et al. (2009). Highly dynamic transient colonization by *Staphylococcus aureus* in healthy Malaysian students. *Journal of Medical Microbiology*, 58(11), 1531-1532. (IF: 2.3)
23. Hamed Ghasemzadeh-Moghaddam, **Ehsanollah Ghaznavi-Rad**, Mariana Nor Shamsudin¹, Zamberi Sekawi, Liew Yun-Khoo, Mohammad Nazri Aziz, Rukman Awang Hamat¹, Damian C. Melles, Alex van Belkum, Vasanthakumari Neela. Molecular characterization of Methicillin susceptible *Staphylococcus aureus* from clinical and community sources in Malaysia. Accepted for publication in journal of *International Journal of Medical Microbiology*. (IF: 2.8)
24. Neela, V., Sasikumar, M., **Ghaznavi-Rad, E.**, Zamberi, S., & Mariana, S. (2008). In vitro activities of 28 antimicrobial agents against methicillin-resistant *Staphylococcus aureus* (MRSA) from a clinical setting in Malaysia. *Southeast Asian Journal of Tropical Medicine & Public Health*, 39(5), 885-892. (PubMed Indexed)
25. Jamilian M., Mashhadi E., Sarmadi E., **Ghaznavirad E.**, bani jamali M., Farhadi E., Ghenaat pisheh E Frequency of Vulvovaginal Andidiasis Species In Nonpregnant 15-50 Years Old Women In Spring 2005 In Arak.. *Arak medical university journal(amuj) summer 2007*; 10(2 (39):7-14.
26. Abtahi Hamid, Ghanadzadeh M.J., Salmanian A.H., **Ghaznavirad E.**, Karimi Masoudeh., Moulaei N.Improvement of PCR in Detection of Coliform in Water Pollution. *Arak Medical University Journal(Amuj) Fall 2008*; 11(3 (44):1-7.
27. Ghanadzadeh M.J., Abtahi Hamid, Salmanian Ali Hatef, **Ghaznavirad E.**, Karimi Masoumeh. Effects of Micro-Filter in Detection of Coliform in Tap Water By PCR. *Journal Of Ilam University Of Medical Sciences Fall 2009*; 17(3):10-15.

28. Palizvan M.R., Khazaei M.R., Nakhaei Mahmoud Reza, **Ghaznavirad E.** Journal Of Iran University Of Medical Sciences Fall 2007; 14(56):63-69.
Effect of Dietary Administration of Cis and Trans Fatty Acids On Learning Impairment Induced By Pentylene-tetrazole Kindling In Male Rats.
29. Mosayebi M., **Ghaznavirad E.**, Dalimiasl A.A.H., Moazeni S.M., Mosayebi G., Khazaei M.R Typing Of HLA Class I and II in Hydatid Patients by Micro-Lymphocytotoxicity in Arak-Iran. Arak Medical University Journal (AMUJ) Fall 2006; 9(3 (36)):82-89
30. Effect of Progesterone Administration in Newborn Rats on Morris Water Maze Learning Susceptibility after Adolescence. Palizvan M.R., Rajabian H., Mirzazadeh E., Zhand Y., **Ghaznavirad E.** Arak Medical University Journal(AMUJ) Winter 2009; 11(4 (45)):23-31.
31. Abtahi H., Ghannazadeh MJ., Salmanian AH., **Ghaznavi Rad E.**, Karimi M. Efficacy of RT-PCR for the detection of *E. coli* in drinking water. Feyz, Journal of Kashan University of Medical Sciences, Winter, 2011; Vol. 14, No 4:420-425.
32. **Ehsanollah Ghaznavi-Rad** Richard V.Goering, Mariana Nor Shamsudin, Poh Lee Weng, Mehri Tavakol, Alex van Belkum, Vasanthakumari Neela. *Mec*-associated *dru* typing in the epidemiological analysis of ST-239 MRSA in Malaysia. Accepted for publication in the European journal of clinical microbiology and infectious diseases. (March 2011).
33. Prevalence of mutations at codon 463 of katG gene in MDR and XDR clinical isolates of Mycobacterium tuberculosis in Belarus and application of the method in rapid diagnosis.Arjomandzadegan M, Owlia P, Ranjbar R, Farazi AA, Sofian M, Sadrnia M, **Ghaznavi-Rad E**, Surkova LK, Titov LP.Acta Microbiol Immunol Hung. 2011 Mar;58(1):51-63.
- 34) Khaki M, Ghazavi A, Ghasami K, Rafiei M, Payani MA, Ghaznavi-Rad E, Mosayebi G.Evaluation of viral antibodies in Iranian multiple sclerosis patients.Neurosciences (Riyadh). 2011 Jul;16(3):224-8.

B)Abstracts

1. Mosayebi. GH, Ghaznavi. E, Fani. A, Moazzami. S.M. Prevalence of human leukocyte Antigen (HLA) class1 and 2 in Arakian patients with type 1 diabetes mellitus. 6th Iranian Congress of Immunology and Allergy. (7-9 May 2002 Tehran – Iran).
2. Shariatzadeh. S.M.A, Ghaznavi. E, Fani. A, Mosayebi G. HLA class I and II antigen associated With susceptibility and resistance to ulcerative colitis. First national congress of molecular cell Biology . (25-26 Feb 2003 Ahwaz- Iran).
3. Zarei. R, Ghaznavi. E . Meningitis an important hazard for health care workers. congress of occupational Hazards among health care providers (26-27 Feb 2003 Arak- Iran).
4. Ghaznavi. E , Zarei. R. Tuberculosis incidence in health care workers in Arak city from 1998-2002. congress of occupational Hazards among health care providers (26-27 Feb 2003).
5. Ghaznavi. E , Fazeli. A, Yazdani .R, Joorabchi. A, Kalantar. E. Study of penicillin type resistant neisseria gonorrhoeae and susceptibility testing of usual antibiotics for gonococcal diseases in Arak city. Iranian congress of AIDS and sexually transmitted diseases (17-18 May 2001 Birjand- Iran).
6. Ghaznavi. E , Fazeli. A, Yazdani .R, Rafiei. M, Joorabchi. A,. The relation of zone inhibition and MIC in neisseria gonorrhoeae isolated in Arak city. Iranian congress of AIDS and sexually transmitted diseases (17-18 May 2001 Birjand- Iran).
7. Ghaznavi E , Rafiei M . Mixture poisson regression and application for length of hospital stay.7th Iranian statistical conference . Tehran-August 23-25, 2004 .
8. Ghaznavi E ,Rajaie A, Rafiei M .Application of generalized linear model for determination of zone of inhibition and mic in isolated strain of neisseria gonorrhoeae in arak city. 7th Iranian statistical conference . Tehran-August 23-25, 2004 .
9. Moazzeni SM, Mossayebi G , Fani A, Ghaznavi E. Prevalence of HLA class I and II antigen in Arakian patients with type 1 diabetes mellitus.15th European Immunology congress,(EFIS 2003) June 8-12 , 2003.Greece.

10. Abtahi H, Mossayebi G, Ghaznavi E. Productin of L12/ L7 recombinant protein and evaluation of its antigenecity in serum of patients with brucellosis. The 6th congress of internal medicine .Iran –tehran May 24-26 , 2005.
11. , Ghaznavi E, Zareie R, Jafari A, Jourabchi A, Moieni L, Rafiei M.Epidemiological evaluation of lower respiratory tract infection with Moraxella catarhallis reffered to Vali-Asre hospital from July- December2003. The 6th congress of internal medicine .Iran –tehran May 24-26 , 2005.
- 12.Rafiei M, Ghaznavi E, Khazaiei M , Soltanmohammad M.Prevalence of cancer in Markazi province and evaluation of some epidemiological parameter.National congress of Gynecology 20-21 April2005- Isfahan , Iran.
13. Zareie R, Ghaznavi E, Jafari A, Jourabchi A, Rafiei M Evaluation of Prevalence and risk factors of Moraxella catarhallis infection for patients in Vali-Asre and Amir-Kabir hospital between August2003- March 2004.7th national congress of Microbiology. Semnan-iran.
14. Ghaznavi E., Palizvan M.R., Amini Komijani A. Effect of Intrahippocampal Injection of Verapamil during chemical Kindling on morris water maze in rats. 17th Iranian Congress of Physiology and Pharmacology. 2005; (1-4 October 2005 Kerman, Iran).
15. Khazaee M.R. , Palizvan M.R., Ghaznavi E. Dietary administration Effect of cis and trans fatty acid ontwo way active avoidance learning in pentylenetetrazol kindled rats. 17th Iranian Congress of Physiology and Pharmacology. 2005; (1-4 October 2005 Kerman, Iran).
16. Palizvan M.R., Ghaznavi E., Amini Komijani A Synergistic effects of Verapamile and Naloxone on suppression of seizures in Pentylenetetrazol-Kindled Rats 17th Iranian Congress of Physiology and Pharmacology. 2005; (1-4 October 2005 Kerman, Iran).
17. Ehsanollah. G. R, H. Ghasemzadeh-Moghaddam, V. Neela, N. S. Mariana, R. A. Hamat, M. Nazri Aziz, Z. Sekawi. Using from Spa typing as genomic base typing method to determine the dominate Methicillin Sensitive Staphylococcus aureus (MSSA) which cause infection in Hospital. Malaysian Society for Microbiology 30th Symposium,16-19thAugust 2008 Kuantan, Pahang.
18. V. Neela, Velan. S, Ehsanollah. G. R, Zamberi. S, Mariana N.S In vitro activities

of 27 antimicrobial agents against *Staphylococcus aureus* isolates from community. *Clinical Microbiology and Infectious Diseases*, 2007, Kuala Lumpur.

19. Velan. S, Ehsanollah. G. R, Zamberi. S, Mariana N.S, V. Neela. Nasal carriage of *Staphylococcus aureus* in 7-9 age groups in healthy school children in Serdang. . *Clinical Microbiology and Infectious Diseases*, 2007, Kuala Lumpur.
20. Neela. V., Ehsanollah. G. R, Mariana N. S., Zamberi. S Anti-adhesive and anti-invasive activities of an oil-based di-herbal extract against MRSA. 29th symposium of Malaysian Society for Microbiology 2007.
21. Neela. V., Ehsanollah. G. R, Mariana N. S., Zamberi. Nasal carriage of PVL positive *Staphylococcus aureus* among rural healthy individuals in Malaysia. 29th symposium of Malaysian Society for Microbiology 2007.
22. V. Neela, G.R. Ehsanollah, R. Awang , R. V. Goreing, P. L.Weng, M. Tavvakol, A.van Belkum, N. S. Mariana. Usefulness of Mec-Associated Dru Typing in the Epidemiological Analysis of MRSA in Malaysia. Interscience Conference on Antimicrobial Agents and Chemotherapy, 12-15 September 2010, Boston, United States of America
23. V. Neela, G.R. Ehsanollah, N. S. Mariana, S. Zamberi. Spread of a single multiresistant methicillin-resistant *Staphylococcus aureus* (MRSA) clone carrying staphylococcal cassette chromosome mec type III in a public hospital in Malaysia. International Symposium on Staphylococci and Staphylococcal Infections. 7-10th Sept 2008, Cairns, Australia
24. V. Neela, G.R. Ehsanollah, N. S. Mariana, S. Zamberi. Predominance of staphylococcal cassette chromosome mec (SCCmec) type V among methicillin-resistant *Staphylococcus aureus* (MRSA) in a tertiary hospital in Malaysia. 13th International congress on Infectious Diseases. 19-22nd June 2008, KLCC, Malaysia.
25. Determination of genetic diversity and antibiotic resistant profile of multiple drug resistant MRSA from a tertiary hospital. Ehsanollah Ghaznavi-Rad, Mariana Nor Shamsudin, Mehri Tavakol, Alex van Belkum, Vasanthakumari Neela. 12th nation Iranian and first international congress of Microbiology. Kermanshah- IRAN , 23-25 May 2011.

B) Awards

1. Silver: Potential Hazard from the transfer of livestock associated MRSA ST9 to human. Neela, V., E. G. Rad, M. Z. Arif, N. S. Mariana and L. Y. Khoon. PRPI UPM 2010
2. Silver: An effective approach to prevent the spread of novel MRSA clones with known epidemic and pathogenic potential. Mariana, N. S., V. Neela, S. Zamberi, R. A. Hamad, M. N. Aziz, E. G. Rad, M. N. Azam, R. Yusof, M. G. Hamed, N. K. A. Ibrahim, A. A. Nagi and S. Atshan. PRPI UPM 2010
3. Silver: Bioinfosys for multiple drug resistant pathogen control. Mariana, N. S., V. Neela, S. Zamberi, R. A. Hamad, M. N. Aziz, E. G. Rad, M. N. Azam, R. Yusof, M. G. Hamed, N. K. A. Ibrahim, A. A. Nagi and S. Atshan. PRPI UPM 2009.
4. Bronze: Methicillin resistance *Staphylococcus aureus* in pigs. Neela, V., E. G. Rad, M. Z. Arif, N. S. Mariana and L. Y. Khoon. PRPI UPM 2009.
5. Silver: MRSA infection surveillance tool: molecular typing for infection intervention. Mariana, N. S., V. Neela, S. Zamberi, E. G. Rad and R. A. Hamed. PRPI UPM 2008.