

PERSONAL INFORMATION

Name: Shahin Najar - Peerayeh

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Degree Institution Field Date

B.Sc. Tabriz University Laboratory Sciences 1984

M.Sc. Tarbiat Modarres University Medical Bacteriology 1991

Ph.D. Tarbiat Modarres University Medical Microbiology 2002

Staff Member Tarbiat Modarres University, Tehran, Iran (1992 - 2002).

Associate professor Tarbiat Modarres University, Tehran, Iran (since 2002).

MEMBERSHIP OF SCIENTIFIC SOCIETIES:

RESEARCH INTERESTS:

1. Bacterial cell wall

2. Mechanisms of antibiotic resistance
3. Interactions of host-pathogen
4. Bacterial vaccines

a) In English

1. **Najar-Peerayeh S**, Atoofi J, Hoseinkhani S , Farshchian M. Cloning and expression of HpaA protein of helicobacter pylori. *Yakhteh Medical Journal*.11(3);273-276, 2009
2. Tohidpour A, **Najar-Peerayeh S**, Mehrabadi JF, Rezaei Yazdi H. Determination of the efflux pump-mediated resistance prevalence in *Pseudomonase aeruginosa*, using an efflux pump inhibitor. *Curr. Microbiol*. 59:325-355, 2009.
3. Zeighami H, **Najar-Peerayeh S**, Salman Yazdi R, Sorouri R. Prevalence of *Ureaplasma urealyticum* and *Ureaplasma parvum* in semen of infertile and healthy men. *International J. STD & AIDS*. 20:387-390, 2009 .
4. Mehrabadi JF, Behzadian-Nejad Q, **Najar-Peerayeh S**, Khodabandeh M, Soleimanjahi H, and Hassan AM. Construction of pcDNA/*fimH* Cassette as a DNA vaccine candidate against urinary tract infection and evaluation of *fimH* transcripts in COS7 cell line. *Research Journal of Microbiology*.4(2):75-81, 2009.
5. **Najar-Peerayeh S**, Azimian A, Behzadian-Nejad Q, Kashi M. Prevalence of *agr* specificity group among *Staphylococcus aureus* isolates from university hospitals in Tehtan. *LabMedicine*. 40(1):27-29, 2009.
6. **Najar Peerayeh S**, and Samimi R. Comparison of culture with polymerase chain reaction for detection of genital *Mycoplasma*. *Eur.J. Gen.Med*. 5(2):107-111, 2008.
7. **Najar-Peerayeh S**, Salman Yazdi R, Zeighami H. Association of *Ureaplasma urealyticum* infection with varicocele-related infertility. *J.Infect.Developing Countries*. 2(2): 116-119, 2008.
8. **Najar-Peerayeh S**, Salman Yazdi R, Zeighami H, Razeghi M. *Ureaplasma urealyticum* in semen of men with varicocele. *LabMedicine*. 39(4):215-217, 2008.
9. Anvari S, Sattari M, Forozandeh M, **Najar Peerayeh S**, Imanee A. Detection of *Staphylococcus aureus* entotoxins A to E from clinical sample by PCR. . *Res.J.Biol.Sci*. 3(8); 826-829, 2008.
10. **Najar Peerayeh S**, Nooritalab N, and Sattari M. Roles of Uropathogenic *Escherichia coli* pili in pathogenesis of urinary tract infection. *Research Journal of Microbiology*.3(3): 175-180, 2008.
11. Sattari M, Zeighami H, and **Najar Peerayeh S**. Detection of *Chlamydia trachomatis* in endocervical smears of women with abortion. *Res.J.Biol.Sci*. 3(20); 214-216, 2008.
12. Behzadian-Nejad Q, Siadat D, Kheirandish M, Tabaraie B, Ahmadi H., Norouzian D , **Najar-Peerayeh S**, Nejati M, and Hedayati H. Comparison among opsonic activity and serum bactericidal activity against meningococci in rabbit sera from vaccines after immunization with outer membrane vesicle of *Neisseria meningitidis* serogroup B. *Research Journal of Microbiology*.3(3):105-113, 2008.
13. Mardani M, Gachkar L, **Najar Peerayeh S**, Asgari A, hajikhani B, and Amiri R. Surveying common bacterial contamination in bottled mineral water in Iran. *Iranian Journal of clinical Infectious Diseases*. 2007, 2(1):13-15.

14. **Najar Peerayeh S**, and Samimi R. Detection of *Ureaplasma urealyticum* in clinical samples from infertile women by polymerase chain reaction. *I.J.P.T.* 6:23-26, 2007.
15. Zeighami H, **Najar Peerayeh S**, and Safarlu. Detection of *Ureaplasma urealyticum* in semen of infertile men by PCR. *Pak.J.Biol.Sci.*10(21):3960-3963, 2007.
16. Siadat D, Kheirandish M, Norouzian D, Behzadian-Nejad Q, **Najar Peerayeh S**, Zangeneh M. and Nejati M. A Flow cytometric opsonophagocytic assay for measurement of functional antibodies elicited after immunization with outer membrane vesicle of *Neisseria meningitidis* serogroup B. *Pak.J.Biol.Sci.*10(20):3578-3584, 2007.
17. **Najar-Peerayeh S.**, and Samimi R. Comparison of culture with the polymerase chain reaction for detection of Genital Mycoplasmas. *E.J.G.M.* 2007
18. Rezaei Yazdi H, Behzadian-Nejad Q, **Najar Peerayeh S** and Mostafaei M. Prevalence and detection of metallo B-lactamase(MBL)-producing *Pseudomonas aeruginosa* strains from clinical isolates in Iran. *Annals of Microbiology.*57(2):293-296, 2007.
19. Siadat D, Behzadian-Nejad Q, Tabaraie B, Ahmadi H, Norouzian D, **Najar Peerayeh S**, Nejati M, and Zangeneh M. Evaluation of serum bactericidal activity specific for *Neisseria meningitidis* serogroup A and B: Effect of immunization with *Neisseria meningitidis* serogroup A polysaccharide and serogroup B conjugate as a Bivalent Meningococcus Vaccine candidate. *Research Journal of Microbiology.*2(5):436-444, 2007.
20. **Najar Peerayeh S**, Nooritalab N, Moazene M, Sattari M. Influence of type 1 piliation on chemotaxis and intracellular killing of Uropathogenic *E.coli* by human polymorphonuclear leukocytes. *Pak.J.Biol.Sci.*10(15):2599-2602, 2007.
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22. Imanifooladi AA, Sattari M., **Najar-Peerayeh S**, Hassan ZM, Hossanidoust SR. Detection of the *Staphylococcus aureus* producing enterotoxin isolated from skin infections in hospitalized patients. *Pak.J.Biol.Sci.*10(3):502-505, 2007.
23. **Najar-Peerayeh S.**, and Sattari M. Detection of *Ureaplasma urealyticum* and *Mycoplasma hominis* in endocervical specimens from infertile women by polymerase chain reaction. *Middle East Fertility Society Journal.* 11(2): 104-108, 2006.
24. Kashef N, Behzadian-Nejad Q, **Najar-Peerayeh S**, Moosavi-Hosseini K, Moazene M, and Djavid GE. Synthesis and characterization of *Pseudomonas aeruginosa* alginate-tetanus toxoid conjugate. *J.Med.Microbiol.* 55: 1441-1446, 2006
25. Rezaee A.,Khonsari AM, **Najar-Peerayeh S.** Effect of subinhibitory of gentamicin on the beta lactamase production of Uropathogenic *E.coli*. *Res.J.Medicine& Med.Sci.*1(2): 63-67, 2006.
26. **Najar-Peerayeh S.**, and Mirdamadi R. Comparison of culture with the polymerase chain reaction for detection of *Ureaplasma urealyticum* in endocervical specimens. *Medical J. of The Islamic Republic of Iran.*19(2): 175-179,2005
27. Ahangarzadeh-Rezaee M., Rezaee A., Moazene M., Salmanian A.H., Yasuda Y., Tochikubo K.,

- Najar-Peerayeh S.**, and Arzanlou M. Expression of E.coli heat-labile enterotoxin B subunit (LTB) in *Saccharomyces cerevisiae*. *J.Microbiol.* 43 (4) : 25- 31, 2005 .
28. Kashef N, Behzadian-Nejad Q, **Najar-Peerayeh S**, Moosavi-Hosseini K, Moazenee M. Preliminary investigation on the Isolation of alginate produced by mucoid *Pseudomonas aeruginosa*. *Annals.microbiology.* 55(4):281-284,2005.
 29. Ahangarzadeh-Rezaee M , Behzadian-Nejad Q, **Najar-Peerayeh S.**, and , Owlia P. Higher aminoglycoside resistance in mucoid *Pseudomonas aeruginosa* than in non- mucoid strains. *Arch. Iranian Med.* 5(2): 108-110, 2002.
 30. Ahangarzadeh-Rezaee M , Behzadian-Nejad Q, Owlia P., and **Najar-Peerayeh S**. In vitro activity of Imipenem and Ceftazidim against mucoid and non- mucoid of *Pseudomonas aeruginosa* isolated from patients in Iran. *Arch. Iranian Med.* 5(4): 108-110, 2002.

b) In Persian

1. Goudarzi M., Sattari M., **Najar Peerayeh S.**, Goudarzi G ,and Mahdavi M. Comparison of inhibitory effect of Thyme alcoholic extract on verotoxin production by Enterohemorrhagic E.coli through reverse agglutination and Verocell culture. *Behbood*, 3:244-253, 2007.
2. Behzadian-Nejad Q, Abdollahi A, **Najar Peerayeh S**, Forouhesh tehrani. Evaluation of *bla-ctx-m*-type gene in multidrug resistance *Kelebsiella pneumonia* species isolated from clinical samples. *J. Iran University of Medical Sciences.* 15(60-61):37-45, 2007 .
3. **Najar Peerayeh S**, Zeighami H , Farshchiyan F, Atoofi J. Comparison Of PCR and Culture for diagnosis of *Ureaplasma urealyticum* in genital specimens of infertile men. *Hakim Research journal.* 10(3):48-53, 2007.
4. **Najar Peerayeh S**, and Samimi R. Detection of *Mycoplasma hominis* in endocervical samples from infertile women by PCR. *Daneshvar.* 66, 63-68, 2007
5. Sepehri seresht S., **Najar Peerayeh S.**, Sattari M., and Rezaee MA. Production of plasmid-mediated B-lactamase in *Pseudomonas aeruginosa* isolated from burn patients. *Hakim Research journal.* 10(1):61-65, 2007.
6. Siadat D, Tabaraie B, Behzadian-Nejad Q, Norouzian D, Ahmadi H. **Najar Peerayeh S**, Mobarez AM, Nejati M and Hedayati H. Bactericidal activity of outer membrane vesicle of *Neisseria meningitidis* serogroup B as a Meningococcal Vaccine candidate in animal. *Infectious Dis* 12(36): 11-17, 2006.
7. Goudarzi M., Sattari M., **Najar Peerayeh S.**, Goudarzi G, and Bigdeli M. Evaluation of Shirazian thyme alcoholic extract on Enterohemorrhagic E.coli. *Yafteh.* 8(3):63-69.2006
8. Siadat D, Behzadian-Nejad Q, Tabaraie B, **Najar Peerayeh S**, Ahmadi H., and Nejati M. Extraction and molecular evaluation of *Neisseria meningitidis* serogroup B outer membrane vesicle containing Por A. *Daneshvar.* 2006
9. **Najar-Peerayeh S.**, and Esmaeili D. Drug efflux pumps in *Pseudomonas aeruginosa*. 2(3):7-12,

2006

10. **Najar-Peerayeh S.**, Behzadian-Nejad Q, and Siadat D. Chlorine induced antibiotic resistance in *Salmonella typhimurium*. *Daneshvar*.61: 57-63, 2006.
11. Sattari M., Shahbazi N, and **Najar-Peerayeh S.** Evaluation of antibacterial effects of alcoholic and aquatic extracts of *Eucalyptus* on *Pseudomonas aeruginosa*. *Modarres J.Medical Sciences*. 8: (1): 19-23, 2005.
12. **Najar-Peerayeh S.**,Ale-Yassen A. Comparison of PCR with culture for detection of *Mycoplasma hominis* in infertile women.*Kossar*. 3(10): 183-190, 2005.
13. **Najar-Peerayeh S.** and Karshenas A. Supernatants from *Staphylococcus aureus* grown in the presence of β -Lactam antibiotic induce release of nitric oxide from mouse macrophages. *Yakhteh Med .J.* 7(25):43-47, 2005
14. Nojoomi F, Behzadian-Nejad Q, Sattari M, **Najar-Peerayeh S.** In vitro effect of bactericidal concentrations of vancomycin in induction of *Staphylococcus aureus* L-form. *J.A.U.M.S. Iran*, 3(3): 615-618, 2004
15. Siadat D., Behzadian-Nejad Q, **Najar-Peerayeh S.**, and Rezaee A. The role of Iodine in Ampicillin and Tetracycline antibiotic resistance transfer. *Daneshvar*. 49:25-32, 2004.
16. **Najar-Peerayeh S.**, and Esmaili D. Antibiotic efflux pumps. *J.A.U.M.S. Iran*, 2(1): 301-306, 2004
17. **Najar-Peerayeh S.**, Behzadian-Nejad Q , Moazenee M , Kazemnejad A . Inhibitory effect of covalent polymyxin B conjugate with human serum albumin on Endotoxin induced nitric oxide. *Modarres J.Medical Sciences*. 4(2), 2002
18. **Najar-Peerayeh S.**, Moazami N, Fagihzadeh S, and Mirdamadi R.An investigation on the frequency of the *Actinomyces* in the women with and without the IUD. *Modarres J.Medical Sciences*. 4: 63-67, 2001

IN INTERNATIONAL CONGRESSES AND SYMPOSIUMS

1. Khairandish M, , Behzadian-Nejad Q, Tabaraie B, Ahmadi H., Najar-Peerayeh S, Nejati Mahmoodi K. A flow cytometric opsonophagocytic assay for measurement of functional antibodies elicited after immunization with the *Neisseria meningitidis* serogroup A capsular polysaccharide- in animal model. 16th European congress of clinical microbiology and infectious diseases.France, 2006.
2. Siadat D, Behzadian-Nejad Q, Tabaraie B, Ahmadi H., Najar-Peerayeh S, Nejati M,et al.Immunological evaluation of *Neisseria meningitidis* serogroup B outer membrane vesicle containing PorA conjugated with *Neisseria meningitidis* serogroup A capsular polysaccharide in rabbit. 16th European congress of clinical microbiology and infectious diseases.France, 2006.
3. Siadat D, Behzadian-Nejad Q, Najar-Peerayeh S, Tabaraie B, Ahmadi H., and Nejati M. Chlorine induced antibiotic resistance in *Salmonella typhimurium*. XXIX Annual congress Indian association of medical microbiologists.India,2005.
4. Tabaraie B, Siadat D, Behzadian-Nejad Q, Najar-Peerayeh S, Ahmadi H., Nejati M.,Hedayati M. Optimization in downstream process of large scale production of *Neisseria meningitidis* class 1 outer membrane vesicles. XXIX Annual congress Indian association of medical microbiologists.India,2005.
5. Behzadian-Nejad Q, Siadat D, Tabaraie B, Najar-Peerayeh S, Ahmadi H., Nejati M.,Modiridovom Z.,Khairandish M. A flow

cytometric opsonophagocytic assay for measurement of functional antibodies elicited after immunization with the *Neisseria meningitidis* serogroup A capsular polysaccharide-serogroup B outer membrane vesicle conjugate vaccine in animal model. XXIX Annual congress Indian association of medical microbiologists, India, 2005.

6. Siadat D, Behzadian-Nejad Q, Tabaraie B, Najar-Peerayeh S, Ahmadi H., and Nejati M. Extraction and molecular evaluation of *Neisseria meningitidis* serogroup B outer membrane vesicle containing Por A. XXIX Annual congress Indian association of medical microbiologists, India, 2005.
7. Ahangarzadeh-Rezaee M., Rezaee A., Salmanian A.H., Moazenee M., Najar-Peerayeh S., and Arzanlou M. Intracellular expression of B subunit of heat-labile enterotoxin of ETEC in *Saccharomyces cerevisiae*. 15th European congress of clinical microbiology and infectious diseases, Copenhagen, Denmark., 2005
8. Najar-Peerayeh S., and Siadat D. Comparison of culture with the polymerase chain reaction for detection of *Ureaplasma urealyticum* in endocervical specimens. 15th European congress of clinical microbiology and infectious diseases Copenhagen, Denmark., 2005
9. Siadat D, Behzadian-Nejad Q, Tabaraie B, Najar-Peerayeh S, Ahmadi H., and Nejati M. Production, extraction and evaluation of *Neisseria meningitidis* serogroup B outer membrane vesicle containing Por A. 15th European congress of clinical microbiology and infectious diseases, Copenhagen, Denmark., 2005
10. Behzadian-Nejad Q, Siadat D, Najar-Peerayeh S, Tabaraie B, Ahmadi H., and Nejati M. The role of iodine in ampicillin and tetracycline antibiotic resistance transfer. 15th European congress of clinical microbiology and infectious diseases, Copenhagen, Denmark. 2005
11. Najar-Peerayeh S, and Karshenas A. Supernatants from *Staphylococcus aureus* grown in the presence of beta lactam antibiotic induce release of nitric oxide from mouse macrophages. The 12th international congress of immunology. Canada, 2004.
12. Sattari M., Shahbazi N, and Najar-Peerayeh S. Synergistic effect of Eucalyptus and gentamicin against *Pseudomonas aeruginosa*. The 6th international meeting on microbial epidemiological markers. Switzerland, 2003
13. Najar-Peerayeh S, Behzadian-Nejad Q, Moazenee M, Kazemnejad A. Inhibition of endotoxin-induced cellular activation by polymyxin B-albumin conjugate. 13th European congress of clinical microbiology and infectious diseases, UK 2003.
14. Ahangarzadeh-Rezaee M, Behzadian-Nejad Q, Najar-Peerayeh S, Owlia P. Involvement of the exopolysaccharide alginate in the resistance of *Pseudomonas aeruginosa* to aminoglycosides. 11th European congress of clinical microbiology and infectious diseases, Turkey (Istanbul), 2001.
15. Ahangarzadeh-Rezaee M, Behzadian-Nejad Q, Najar-Peerayeh S, Owlia P. Comparison of imipenem and ceftazidime activity against mucoid and nonmucoid strains of *Pseudomonas aeruginosa* isolated from patient in Iran. 11th European congress of clinical microbiology and infectious diseases, Turkey (Istanbul), 2001.

APERS IN NATIONAL CONGRESSES AND SEMINARS

1. Najar-Peerayeh, Zeighami H, Samimi R, Farshcheian. Polymerase chain reaction for detection of *Ureaplasma urealyticum* in infertile women and men. 18th. Iranian congress on infectious disease and tropical, medicine, Tehran. 2006
3. Siadat D, Kheirandish M, Behzadian-Nejad Q, Tabaraie B, Ahmadi H., Nejati, Najar-Peerayeh S. Comparison among opsonic activity and serum bactericidal activity against meningococcal in sera from vaccinees after immunization with *Neisseria meningitidis* serogroup A capsular polysaccharide-serogroup B outer membrane vesicle conjugate vaccine. 18th Iranian congress of Immunology & Allergy. 2006.
4. Zeighami H, Najar-Peerayeh S, Salman Yazdi R. Investigation of *Ureaplasma urealyticum* and *Ureaplasma parvum* in the semen of infertile men by PCR. 9th congress of Iranian Urological Association. 2006

5. Najar-Peerayeh S, Ferdoseeian F, Samimi R, Razeghi M. Use of polymerase chain reaction to detect *Ureaplasma urealyticum* and *Mycoplasma hominis* in endocervical specimens from infertile women. 14th. Iranian congress on infectious disease and tropical, medicine, Tehran. 2005
6. Kashef N, Behzadian-Nejad Q, Najar-Peerayeh S, Moosavi-Hosseini K, Moazenee M. Isolation of alginate produced by mucoid *P. aeruginosa*. 8th Iranian congress of Biochemistry and The 1th International congress of Biochemistry & Molecular biology. Tehran, Iran, 2005.
7. Siadat D, Behzadian-Nejad Q, Tabaraie B, Najar-Peerayeh S, Ahmadi H., and Nejati and Hedayati M. Optimization in down stream process of large scale production of *Neisseria meningitidis* class 1 outer membrane vesicles. 8th Iranian congress of Biochemistry and The 1th International congress of Biochemistry & Molecular biology. Tehran, Iran, 2005.
8. Zeighami H, Mota A, and Najar-Peerayeh S. The use of immunotoxin in cancer therapy. The 3rd regional conference of Asian Pacific Organization for Cancer prevention (APOCP). Rasht, Iran, 2005
9. Sepehri seresht S., Najar-Peerayeh S., Sattari M., and Rezaee MA. *P. aeruginosa* and antibiotic resistance pattern. The 7th. Iranian congress of the microbiology, Semnan, Iran, 2005.
10. Najar-Peerayeh S., and Samimi R. Comparison of PCR with culture for detection of *Mycoplasma hominis* in infertile women. The 7th. Iranian congress of the microbiology, Semnan, Iran, 2005.
11. Ahangarzadeh-Rezaee M., Rezaee A., Salmanian A.H., Moazenee M., Najar-Peerayeh S., and Arzanlou M. PCR amplification of *eltB* gene from human isolate enterotoxigenic *E. coli* and cloning it in *Saccharomyces cerevisiae* shuttle vector. The 7th. Iranian congress of the microbiology, Semnan, Iran, 2005.
12. Sepehri seresht S., Najar-Peerayeh S., Sattari M., and Rezaee MA. The evaluation of beta-lactamase production in *P. aeruginosa* strains isolated from burn wounds. The 7th. Iranian congress of the microbiology, Semnan, Iran, 2005
13. Siadat D, Behzadian-Nejad Q, Tabaraie B, Najar-Peerayeh S, Ahmadi H., and Nejati M. Extraction and molecular evaluation of *Neisseria meningitidis* serogroup B outer membrane vesicle containing PorA. The 7th. Iranian congress of the microbiology, Semnan, Iran, 2005.
14. Esmaeili D., and Najar-Peerayeh S. Antibiotic efflux pumps. The 7th. Iranian congress of the microbiology, Semnan, Iran, 2005.
15. Goudarzi M., Sattari M., Najar-Peerayeh S., and Goudarzi G. Comparison of inhibitory effect of thyme alcoholic extract on verotoxin production by Enterohemorrhagic *E. coli* O157:H7 with VTEC-RPLA kit and Vero cell cytotoxicity assay. The 7th. Iranian congress of the microbiology, Semnan, Iran, 2005.
16. Najar-Peerayeh S., and Samimi R. Polymerase chain reaction for detection of *Ureaplasma urealyticum* in clinical samples from infertile women. The 2nd congress of applied biology, Mashhad, 2004.
17. Najar-Peerayeh S, and Karshenas. Influence of Ceftazidim treatment of *Staphylococcus aureus* on nitric oxide release from mouse macrophages. The 2nd congress of applied biology, Mashhad, 2004.
18. Goudarzi M., Sattari M., Bigdeli M., Najar-Peerayeh S., Goudarzi G., and Ghaemi A. Inhibitory effects of alcoholic extracts of thyme on verotoxin production of hemorrhagic *E. coli* O157:H7. Iranian J. Pharmaceutical Res. Supl:2: 73-73, 2004
19. Najar-Peerayeh S., and Esmaeili D. Bacterial efflux pumps. The 2nd meeting defense against biological agents. Tehran, 2004.
20. Najar-Peerayeh S., and Samimi R. Detection of *Mycoplasma hominis* in endocervical samples from infertile women by PCR. The 13th. Iranian congress on infectious disease and tropical, medicine, Tehran, 2004.
21. Sattari M., Shahbazi N, and Najar-Peerayeh S. Evaluation of phenolic coefficient of alcoholic and aquatic extract of *Eucalyptus* leaves on the growth of *Pseudomonas aeruginosa*. The fifth Iranian congress of microbiology, Ahwaz-Iran, 2003.
22. Sattari M., Shahbazi N, and Najar-Peerayeh S. Evaluation of eucalyptol effects on physiological changes of *Pseudomonas aeruginosa*. The 16th Iranian congress of physiology and pharmacology, Tehran, Iran, 2003.
23. Behzadian-Nejad Q, Siadat D, Rezaee A, Najar-Peerayeh S. Effect of Iodine in transferring antibiotic resistance to *Salmonella* spp. The 10th. Iranian congress on infectious disease and tropical, medicine, Tehran, 2002.
24. Najar-Peerayeh S, Behzadian-Nejad Q, Moazenee M, Kazemnejad A. Inhibitory effect of polymyxin B-albumin conjugates on TNF production by human monocytes. The 6th. Iranian congress of immunology and allergy, Tehran 2002.
25. Behzadian-Nejad Q, Rafiee-Tehrani M, Najar-Peerayeh S, Abootoraby SM. Isolation and investigation on biological activities (Limulus Amebocyte Lysate test, Shwartzman reaction and mice LD50) of *E. coli* O55:K59 endotoxin. The first Iranian congress of applied biology, Mashhad, 2001.
26. Najar-Peerayeh S, Behzadian-Nejad Q, Moazenee M, Kazemnejad A. Inhibition of endotoxin-induced activation of murine

macrophages by polymyxin B-albumin conjugate .The 4 th congress of the microbiology , Tehran , 2001 .

27. Behzadian-Nejad Q , Rafiee-Tehrani M, Najar-Peerayeh S , Abootoraby SM . Isolation and investigation on biological activities (Limulus Amebocyte Lysate test , minimal pyrogenic dose in rabbits , Shwartzman reaction and mice LD50) of E. coli O55:K59 endotoxin . The 4 th congress of the microbiology , Tehran , 2001 .

28. Behzadian-Nejad Q , Siadat D , Rezaee A , Najar-Peerayeh S. Effect of chlorine in transferring antibiotic resistance to Salmonella spp . The 4 th congress of the microbiology , Tehran , 2001 .

29. Nojoomi F, Behzadian-Nejad Q, Sattari M, Najar-Peerayeh S. In vitro effect of bactericidal concentrations of vancomycin in induction of Staphylococcus aureus L-form . The 4 th congress of the microbiology, Tehran, 2001.

30. Ahangarzadeh-Rezaee M , Behzadian-Nejad Q , Owlia P , Najar-Peerayeh S . In vitro effects of alginate capsule from clinical isolates of Pseudomonas aeruginosa in the antibiotic resistance. The 4 th congress of the microbiology, Tehran, 2001.

31. Najar-Peerayeh S , Moazami N , Faghihzadeh S , Mirdamadi R . Study of Actinomyces in the I.U.D users. The third Iranian congress of biochemistry and laboratory sciences , Tabriz , 1995.

SEARCH PROJECT LEADER:

1. Comparison of culture with the polymerase chain reaction for detection of Genital Mycoplasmas in infertile women.Tarbiat Modarres University. 2004

BOOKS

t)

COURSES TAUGHT:

- 1.Bacterial pathogenesis
2. Physiology of bacteria
- 3.Bacterial toxins
4. Immunity to bacterial infections
5. Antibiotics

V.(Award,...):

