

In The Name of God

C.V



Name: Saeed
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Date of Birth: 1970
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Academic Education:

Ph.D. in Medical Bacteriology
Ahvaz Jundishapoor University of Medical Sciences
Ahvaz – Iran
1999 – 2004

Title of Thesis: Rapid detection of coagulase positive (*Staphylococcus aureus*) and coagulase negative staphylococci and *Helicobacter pylori* in clinical specimens by fluorescent in situ hybridization (FISH)

M.Sc. in Bacteriology
Pasteur Institute of Iran
Tehran – Iran
1994- 1997

Title of Thesis: Isolation and recognition of anticancer producing soil *Streptomyces*

B.Sc in Microbiology
Islamic Azad University (Jahrom Branch)
Jahrom – Iran
1989 – 1993

Fellowship:

- Six months fellowship in molecular techniques for detection of pathogenic microorganisms

Max von Pettenkofer-Institute of Hygiene and Medical Microbiology, Ludwig-Maximilians University

Munich, Germany

March 4th – September 4th, 2003

- 75 days training in theory and practice of matrix-assisted laser desorption/ionization time of flight mass spectrometry (MALDI-TOF MS) for the rapid identification of microorganisms and rapid antibiotic resistance detection

Max von Pettenkofer-Institute of Hygiene and Medical Microbiology, Ludwig-Maximilians University

Munich, Germany

July 8th, 2013 until September 23rd, 2013

Research Interests:

1- Molecular techniques (specifically fluorescent in situ hybridization) for diagnosis of bacteria

2- Antibacterial research (Natural antibacterial compounds)

3- Marine biotechnology (Finding new antibacterial Compounds)

4- Detection of antibiotic resistance in bacteria

Technical Abilities:

FISH (fluorescent in situ hybridization), Maintenance procedure for bacterial strain , biochemical tests for identification of many pathogenic bacteria, Isolation and identification of *Helicobacter pylori*, Antibacterial assay tests, Determination of minimum inhibitory concentration (MIC) of antibacterial compounds, Rapid identification of bacteria using MALDI-TOF MS, MALDI Biotyper based rapid antibiotic resistance detection

Work Experiences:

- Associate Professor of Bacteriology (As a lecturer and researcher)
Department of Microbiology and Parasitology,
Faculty of Medicine
Bushehr University of Medical Sciences
From December 2008 up to now.

 - Assistant Professor of Bacteriology (As a lecturer and researcher)
Department of Microbiology and Parasitology
Faculty of Medicine
Bushehr University of Medical Sciences
From 2004 to 2008.

 - Head of Department of Microbiology and Parasitology
Bushehr University of Medical Sciences
From 2007 up to now.

 - Head of Microbiology Laboratory
Faculty of Medicine
Bushehr University of Medical Sciences
From 1997 to 1999 and from 2006 up to now.

 - Instructor of Bacteriology (As a lecturer and researcher)
Department of Microbiology and Parasitology
Faculty of Medicine
Bushehr University of Medical Sciences
From 1997 to 2004
-

- **Teaching Courses:**

Medical Bacteriology
Bacterial Physiology
Diagnostic Bacteriology
Host-Microorganisms Interactions
Medical virology
Food Microbiology
Water and waste water Microbiology
Laboratory safety

Publications:

- 1- Tajbakhsh S, Hogardt M, Heesemann J, Grzonka C, Adler K. Detection of *Pseudomonas aeruginosa* in sputum samples by modified fluorescent *in situ* hybridization. Afr J Biotechnol, 2008; 7: 553-556.
- 2- Tajbakhsh S, Samarbaf-Zadeh AR, Moosavian M. Comparison of fluorescent *in situ* hybridization and histological method for the diagnosis of *Helicobacter pylori* in gastric biopsy samples. Med Sci Monit, 2008; 14: BR183-187.
- 3- Tajbakhsh S, Mohammadi K, Deilami I, Zandi K, Fouladvand M, Ramedani E, Asayesh G. Antibacterial activity of indium curcumin and indium diacetylcurcumin. Afr J Biotechnol, 2008; 7: 3832-3835.
- 4- Gharibi S, Tajbakhsh S, Zandi K, Yaghobi R. Evaluation of fluorescent *in situ* hybridization for rapid diagnosis of enterococcal wound infection. Afr J Microbiol Res, 2010; 4: 2498-2502.
- 5- Tajbakhsh S, Gharibi S, Zandi K, Yaghobi R, Asayesh G. Rapid detection of *Streptococcus pyogenes* in throat swab specimens by fluorescent *in situ* hybridization. Eur Rev Med Pharmacol Sci, 2011; 15: 313-317.
- 6- Tajbakhsh S, Pouyan M, Zandi K, Bahramian P, Sartavi K, Fouladvand M, Asayesh G, Barazesh A. *In vitro* study of antibacterial activity of the alga *Sargassum oligocystum* from the Persian Gulf. Eur Rev Med Pharmacol Sci, 2011; 15: 293-298.
- 7- Tajbakhsh S, Ilkhani M, Rustaiyan A, Larijani K, Sartavi K, Tahmasebi R, Asayesh G. Antibacterial effect of the brown alga *Cystoseira trinodis*. J Med Plants Res, 2011; 5: 4654-4657.

- 8- Tajbakhsh S, Norouzi Esfahani M, Emaneini M, Motamed N, Rahmani E, Gharibi S. Identification of *Streptococcus agalactiae* by fluorescent in situ hybridization Compared to Culturing and the determination of prevalence of *Streptococcus agalactiae* colonization among pregnant women in Bushehr, Iran. BMC Infect Dis, 2013; 13:420.
- 9- Tajbakhsh S, Gharibi S, Zandi K, Yaghobi R. Use of a modified fluorescent in situ hybridization procedure to improve the identification of *Streptococcus pneumoniae* in blood cultures. Acta Microbiol Immunol Hung, 2013; 60: 303-311.
- 10- Tajbakhsh S, Barmak A, Vakhshiteh F, Gharibi M. Invitro antibacterial activity of the *Prosopis juliflora* seed pods on some common pathogens. J Clin Diagn Res, 2015; 9: DC13-DC15.
- 11- Tajbakhsh S, Falahi J, Motamed N, Tabib SM, Bahador A, Gharibi S. Prevalence of A2143G and A2144G point mutations responsible for clarithromycin resistance among *Helicobacter pylori* strains in Bushehr, Iran. Avicenna J Clin Microb Infect, 2016; 3: e36521.
- 12- Samarbaf-Zadeh AR, Tajbakhsh S, Moosavian SM, Sadeghi-Zadeh M, Azmi M, Hashemi J, Masjedi-Zadeh A. Application of fluorescent *in situ* hybridization (FISH) for the detection of *Helicobacter pylori*. Med Sci Monit, 2006; 12: CR426-430.
- 13- Moosavian M, Tajbakhsh S, Samarbaf-Zadeh AR. Rapid detection of clarithromycin-resistant *Helicobacter pylori* in patients with dyspepsia by fluorescent in situ hybridization (FISH) compared with E-test. Ann Saudi Med, 2007; 27: 84-88.
- 14- Zandi K, Taherzadeh M, Yaghoubi R, Tajbakhsh S, Rastian Z, Fouladvand M, Sartavi K. Antiviral activity of *Avicennia marina* against herpes simplex virus type 1

and vaccine strain of poliovirus (An *in vitro* study). J Med Plants Res, 2009; 3: 771-775.

15- Fouladvand M, Barazesh A, Naeimi B, Zandi K, Tajbakhsh S. Seroprevalence of toxoplasmosis in high school girls in Bushehr city, South-west of Iran, 2009. Afr J Microbiol Res, 2010; 4: 1117-1121.

16- Zandi K, Ahmadzadeh S, Tajbakhsh S, Rastian Z, Yousefi F, Farshadpour F, Sartavi K. Anticancer activity of *Sargassum oligocystum* water extract against human cancer cell lines. Eur Rev Med Pharmacol Sci, 2010; 14: 669-673

17- Fouladvand M, Barazesh A, Zandi K, Naeimi B, Tajbakhsh S. Seroepidemiological study of toxoplasmosis in childbearing age women in Bushehr City, South west of Iran in 2009. Afr J Biotechnol, 2010; 9: 5809-5812.

18- Zandi K, Tajbakhsh S, Nabipour I, Rastian Z, Yousefi F, Sharafian S, Sartavi K. *In vitro* antitumor activity of *Gracilaria corticata* (a red alga) against Jurkat and molt-4 human cancer cell lines. Afr J Biotechnol, 2010; 9: 6787-6790.

19- Zandi K, Ramedani E, Mohammadi K, Tajbakhsh S, Deilami I, Rastian Z, Fouladvand M, Yousefi F, Farshadpour F. Evaluation of antiviral activities of curcumin derivatives against HSV-1 in Vero cell line. Nat Prod Commun, 2010; 5: 1935-1938.

20- Daghighi Z, Tajbakhsh S, Goudarzi H, Karimi A, Nateghian A. Molecular detection of *VanA* and *vanB* genes in vancomycin-resistant *Enterococcus* isolated by polymerase chain reaction from the intestines of children admitted to the intensive care units. Arch Pediatr Infect Dis, 2014; 2(2); e18414

- 21- Iranpour D, Hassanpour M, Ansari H, Tajbakhsh S, Khamisipour G, Najafi A. Phylogenetic groups of *Escherichia coli* strains from patients with urinary tract infection in Iran based on the new Clermont phylotyping method. *BioMed Res Int*, 2015; 2015: 846219.
- 22- Taherkhani R, Farshadpour F, Makvandi M, Rajabi Memari H, Samarbafzadeh AR, Sharifi N, Naeimi B, Tajbakhsh S, Akbarzadeh S. Cytokine profiles and cell proliferation responses to truncated ORF2 protein in Iranian patients recovered from Hepatitis E infection. *J Trop Med*, 2015; 2015: 523560.
- 23- Dobaradaran S, Nabipour I, Tajbakhsh S, Khorsand M, Keshtkar M, Khaledi A, Babaahmadi F. Biosorption of cadmium from aqueous solution onto *cuttle bone* obtained along the Persian Gulf coast as a cheap and effective biosorbent: evaluation of adsorption isotherms and kinetics. *Int J Pharmacy & Technology*, 2015; 7: 9975-9984.
- 24- Farshadpour F, Taherkhani R, Tajbakhsh S, Gholizadeh Tahgestani M, Hajiani G, Sharifi N, Taherkhani S, Nejadbolkehr A. Prevalence and trends of transfusion-transmissible viral infections among blood donors in south of Iran: an eleven-year retrospective study. *PLOS ONE*, 2016; 11: e0157615.
- 25- Tajbakhsh S, Moosavian M, Samarbaf- Zadeh AR, Sadeghi – Zadeh M, Adler K, Hogardt M, Heesemann J. Rapid detection of *Staphylococcus aureus* and genus *Staphylococcus* by fluorescent in situ hybridization (FISH). *Iran South Med J*, 2004; 6: 104-114.
- 26- Tajbakhsh S, Mahmudpour M, Haghghi MA. Antibacterial activity of *Avicennia marina* leaves extract on *Staphylococcus aureus*, *Escherichia coli*, and *Pseudomonas aeruginosa*. *Iran South Med J*, 2005; 8: 1-7.

27- Zandi K, Tajbakhsh S, Jafari SM Ghafarian HR. Determination of immunity to rubella virus among pre-marriage girls of Bushehr Port by hemagglutination inhibition (HI) and ELISA methods. Iranian South Med J, 1999; 2: 35-40.

28- Taherzadeh M Zandi K, Yaghobi R, Tajbakhsh S, Rastian Z. Antiviral activity of *Avicennia marina* (Forssk.) Vierh. on Poliovirus in cell culture. Iranian J Medicinal and Aromatic Plants, 2008; 24: 38-46.

29- Falahi J, Bahador A, Motamed N, Tabib SM, Gharibi S, Homayoon K, Tajbakhsh S. Prevalence of *Helicobacter pylori* infection among patients with upper gastrointestinal symptoms in Bushehr, Iran . Iran South Med J, 2015; 18: 556-566.

30- Haerinejad MJ, Honarmand N, Tajbakhsh S, Shahin M, Gharibi O, Vahdat K. Assessment of MDRTB in Bushehr province since 2009-2013 . Iran South Med J, 2015; 18: 1016-1025.

31- Keshtkar M, Dobaradaran S, Nabipour I, Tajbakhsh S, Soleimani F, Darabi H, Ghaedi H. Removal of Manganese from aqueous phase using *Padina sanctae crucis* obtained from Persian Gulf . J Mazandaran Univ Med Sci, 2016; 26: 167-177.

Presentations:

1- Tajbakhsh S, Mohammadi K, Deilami I, Zandi K, Fouladvand M, Ramedani E, Asayesh G. Evaluation of in vitro antibacterial activity of gallium curcumin and gallium diacetylcurcumin. 61st Annual Meeting of the German Society for Hygiene and Microbiology (DGHM), 2009. Goettingen, Germany.

2- Tajbakhsh S, Zandi K, Bahramian P, Pooyan M, Sartavi K, Asayesh G. Study of antibacterial activity of a green Alga, *Caulerpa sertularioides* from the Persian Gulf . 13th International Congress on Infectious Diseases (ICID), 2008. Kuala Lumpur, Malaysia.

3- Tajbakhsh S, Samarbaft-Zadeh AR, Moosavian SM. Comparison of fluorescent *in situ* hybridization and histological method for diagnosis of *Helicobacter pylori* in gastric biopsy samples. 16th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), 2006. Nice, France.

4- Zarei S, Tajbakhsh S, Mortazavi SMJ, Jafarzadeh A, Taheri M. The evaluation of microwave radiation effects on the some immunological parameters in an animal model following infection with *Salmonella typhimurium* and *Klebsiella pneumoniae*. The 9th International Congress of Clinical Microbiology, 2015, Shiraz, Iran.

5- Najafi A, Ansari H, Hassanpour M, Tajbakhsh S. Phylogenetic analysis of *Escherichia coli* strains according to the new Clermont Phylo-typing method for the first time in Iran. 15th International Iranian Congress of Microbiology, 2014, Tehran, Iran.

6- Mortazavi SMJ, Taheri M, Haghani M, Tajbakhsh S, Motamedifard M, Zarei S, Ranjbar S, Momeni F, Taeb S. Alteration of bacterial sensitivity to antibiotics after exposure to mechanical waves and electromagnetic radiation: opportunities and threats. 15th International Iranian Congress of Microbiology, 2014, Tehran, Iran.

7- Daghighi Z, Nateghian A, Fallah F, Tajbakhsh S, Goudarzi H, Hashemi A. Detection of virulence genes and antibiotic resistance in enterococci isolated from hospitalized patients in Hazrat Ali Asghar hospital, Tehran, Iran. The 6th International Congress of Laboratory and Clinic, 2014. Tehran, Iran.

8- Norouzi Esfahani M, Tajbakhsh S, Emaneini M, Motamed N, Rahmani E, Gharibi S. Identification of *Streptococcus agalactiae* by fluorescent in situ hybridization Compared to Culturing. The 2nd Iranian Congress of Medical Bacteriology, 2013. Tehran, Iran.

9- Barazesh A, Fouladvand M, Farrokhzad F, Tajbakhsh S, Naeimi B, Mohammadi K. Evaluation of in vitro anti-Leishmanial activities of curcumin and its derivatives “gallium curcumin, indium curcumin and diacetylcurcumin”. 15th International Congress on Infectious Diseases (ICID), 2012. Bangkok, Thailand.

10- Gharibi S, Tajbakhsh S, Zandi K, Yaghobi R. Evaluation of fluorescent in situ hybridization for rapid diagnosis of enterococcal wound infection. 4th Iranian Congress of Clinical Microbiology, 2010. Isfahan, Iran.

11- Ilkhani M, Rustaiyan A, Tajbakhsh S, Eghbali H, Sartavi K, Asayesh G. Extraction and Identification of natural compounds of brown alga, *Cystoseira trinodis*. The First National Conference on the Biological Sciences of Makoran Sea, 2010. Chabahar, Iran.

12- Fouladvand M, Barazesh A, Zandi K, Naeimi B, Tajbakhsh S. Sero-epidemiological study of toxoplasmic infection among student girls from Bushehr University of Medical Sciences. Yüzyillik Tecrübe; *Toxoplasma gondii* Uluslararası Katılımlı Sempozyum ve Workshop, 2010. Izmir, Turkey.

13- Fouladvand M, Barazesh A, Naeimi B, Zandi K, Tajbakhsh S. Seroprevalence of toxoplasmosis in student girls from Persian Gulf University in Bushehr city, South west of Iran, 2009. *Yüzyillik Tecrübe; Toxoplasma gondii Uluslararası Katılımlı Sempozyum ve Workshop*, 2010. Izmir, Turkey.

14- Fouladvand M, Barazesh A, Naeimi B, Zandi K, Tajbakhsh S. Seroprevalence of toxoplasmosis in high school girls in Bushehr city, southwest of Iran, 2009. *The Fourth Asean Congress of Tropical Medicine and Parasitology*, 2010. Singapore.

15- Fouladvand M, Barazesh A, Zandi K, Naeimi B, Tajbakhsh S. Seroepidemiological study of toxoplasmosis in women of childbearing age in Bushehr city, south west of Iran, 2009. *The Fourth Asean Congress of Tropical Medicine and Parasitology*, 2010. Singapore.

16- Zandi K, Ramedani E, Mohammadi K, Tajbakhsh S, Fouladvand M, Deilami I. Evaluation of antiviral activity of pure and non pure curcumin against HSV-1 in vero cell line. 61st Annual Meeting of the German Society for Hygiene and Microbiology , (DGHM), 2009. Goettingen, Germany.

17- Zandi K, Taherzadeh M, Tajbakhsh S, Yaghoubi R, Rastian Z, Sartavi K. Antiviral activity of *Avicennia marina* leaf extract on HSV-1 and vaccine strain of polio virus in vero cells. 13th International Congress on Infectious Diseases (ICID), 2008. Kuala Lumpur, Malaysia.

18- Salehi S, Tajbakhsh S, Moazemi N, tayyebi D, Rahsaz M. Using prophage induction assay for screening of anticancer compounds extracted from soil Actinomyces. 12th International Congress on Infectious Diseases, 2006. Lisbon , Portugal.

19- Samarbaf-Zadeh AR, Tajbakhsh S, Moosavian SM. Application of fluorescent *in situ* hybridization for the detection of *Helicobacter pylori*. 16th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), 2006. Nice, France.

20- Tajbakhsh S, Samarbaf-Zadeh AR, Moosavian M, Sadeghi-Zadeh M, Heesemann J. Application of fluorescent *in situ* hybridization (FISH) for rapid detection of *Staphylococcus aureus*. The 7th Iranian Congress of Microbiology, 2005. Semnan, Iran.

21- Tajbakhsh S, Moosavian M, Samarbaf-Zadeh AR, Sadeghi-Zadeh M, Heesemann J. Specific and rapid detection of *Helicobacter pylori* in gastric biopsy specimens by fluorescent *in situ* hybridization (FISH). 6th Iranian Congress of Microbiology, 2004. Tehran, Iran.

22- Tajbakhsh S, Salehi S, Moazemi N, Zandi K. Using prophage induction assay for screening of anticancer compounds. 1st Iranian Congress on Virology, 2002. Tehran, Iran.

23- Tajbakhsh S, Moazemi N, Salehi S. Screening of bacterial products by cell culture techniques to detect antitumor compounds. The Third Microbiology Congress, 2000. Hamedan, Iran.

24- Makvandi M, Neikokar I, Zandian KHM, Tajbakhsh S. Study on CMV IgM among the thalasemia (Major) patient referred to Golstan hospital Ahwaz, Iran. 1st Iranian Congress on Virology, 2002. Tehran, Iran.

25- Zandi K, Tajbakhsh S, Jafari SM, Ghafarian HR. Seroepidemiology of rubella among the pre marriage women of Bushehr. The First National Congress on General Health and Preventive Medicine, 2000. Kermanshah, Iran.

Research Projects:

- 1- Rapid detection of coagulase positive (*Staphylococcus aureus*) and coagulase negative staphylococci and *Helicobacter pylori* in clinical specimens by fluorescent in situ hybridization (FISH).
- 2- Antibacterial activity of *Avicennia marina* leaves extract on *Staphylococcus aureus*, *Escherichia coli*, and *Pseudomonas aeruginosa*.
- 3- Rapid detection of *Streptococcus pyogenes*, *Streptococcus pneumoniae* and *Enterococcus* by fluorescent in situ hybridization (FISH).
- 4- Antibacterial activity of curcumin and curcumin compounds.
- 5- Study of antibacterial activity of a green alga, *Caulerpa sertularioides* from the Persian Gulf .
- 6- In vitro study of antibacterial activity of a brown alga, *Sargassum oligocystum* from the Persian Gulf .
- 7- Count and isolation of coliform and *E.coli* from Bushehr coastal water.
- 8- Antiviral activity of extract of *Avicennia marina* leaves against HSV-1 and vaccine strains of poliovirus in cell culture.
- 9- Antitumor activity of the extract from a brown alga *Sargassum oligocystum* against K562 and BLL cell tumor line (an in vitro study) .
- 10- Evaluation of antiviral activities of curcumin and derivatives against HSV-1 in vero cell line.

- 11- In vitro evaluation of leishmanicidal effect of algal (*Caulerpa sertularioides*, *Gracillaria salicornia*, *Gracillaria corticata*, *Cystoseira myrica*) extracts and curcumin compounds.
- 12- Seroprevalence of strongyloidiasis in immunosuppressive drug user patients
- 13- Seroprevalence of toxocarasis in primary school children (aged 6-10 years) in Bushehr city.
- 14- Study of prevalence of *Streptococcus agalactiae* colonization among pregnant women in Bushehr, Iran using fluorescent in situ hybridization (FISH)
- 15- Prevalence of *Helicobacter pylori* infection among patients with upper gastrointestinal symptoms in Bushehr, Iran
- 16- Phenotypic and genotypic properties of uropathogenic *Escherichia coli* isolated from patients with UTI in south of Iran
- 17- In vitro antibacterial activity of the *Prosopis juliflora* seed pods on some common pathogens
- 18- Evaluation of the bioeffects of microwave radiation on humoral immunity, peripheral blood WBC count, and serum cytokines of TH1 (IFN- γ), TH17 (IL-17), and Treg (TGF- β) cells following infection caused by *Salmonella typhimurium* and *Klebsiella pneumoniae* in an animal model of BALB/c mice.
- 19- Investigation of frequency of transfusion-transmissible viral infections among blood donors in Bushehr Province

As Supervisor or Consulting Advisor for Theses:

- 1- Supervisor for Thesis of Medical Degree under title: Antibacterial activity of *Avicennia marina* leaves extract on *Staphylococcus aureus*, *Escherichia coli*, and *Pseudomonas aeruginosa*.
- 2- Supervisor for M.Sc Thesis in Microbiology under title: Rapid detection of *Streptococcus pyogenes*, *Streptococcus pneumoniae* and *Enterococcus* by fluorescent in situ hybridization (FISH).

- 3- Supervisor for Thesis of Medical Degree under title: Antibacterial activity of curcumin and curcumin compounds.
- 4- Supervisor for Thesis of Medical Degree under title: Study of antibacterial activity of a green alga, *Caulerpa sertularioides* from the Persian Gulf.
- 5- Supervisor for Thesis of Medical Degree under title: In vitro study of antibacterial activity of a brown alga, *Sagassum oligocystum* from the Persian Gulf .
- 6- Supervisor for M.Sc. Thesis in Medical Microbiology under title: Study of prevalence of *Streptococcus agalactiae* colonization among pregnant women in Bushehr, Iran using fluorescent in situ hybridization (FISH)
- 7- Supervisor for M.Sc. Thesis in Medical Microbiology under title: Prevalence of *Helicobacter pylori* infection among patients with upper gastrointestinal symptoms in Bushehr, Iran
- 8- Supervisor for M.Sc. Thesis in Medical Microbiology under title: Molecular detection of *gelE*, *asaI*, *esp*, *ace*, *cpd*, *vanA*, *vanB*, and *vanC* genes in vancomycin resistant enterococci isolated from the intestine of children admitted to the ICU of Ali Asghar children's hospital by PCR Method in 2013 in Tehran.
- 9- Supervisor for M.Sc. Thesis in Medical Microbiology under title: Evaluation of the bioeffects of microwave radiation on humoral immunity, peripheral blood WBC count, and serum cytokines of TH1 (IFN- γ), TH17 (IL-17), and Treg (TGF- β) cells following infection caused by *Salmonella typhimurium* and *Klebsiella pneumoniae* in an animal model of BALB/c mice.
- 10- Consulting Advisor for M.Sc Thesis in Microbiology under title: Antiviral effect assay of *Avicennia marina* on enveloped and nonenveloped viruses (Herpes Simplex Virus type 1 and Poliovirus) in Vero cell line.
- 11- Consulting Advisor for M.Sc Thesis in Marine Chemistry under title: Investigation of natural compounds from an alga, *Cystoseira trinodis* and their antibacterial effect.

12- Consulting Advisor for Thesis of Medical Degree under title: Antitumor activity of the extract from a brown alga *Sagassum oligocystum* against K562 and BLL cell tumor line (an in vitro study).

13- Consulting Advisor for Thesis of Medical Degree under title: Evaluation of antiviral activities of curcumin derivatives against HSV-1 in vero cell line.

References:

1- Prof. Dr. Dr. Jürgen Heesemann

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2- Prof. Dr. med. Sören Schubert

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3- Dr. Ali Reza Samarbaf-Zadeh

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Awards:

- The best teacher of Bushehr University of Medical Sciences, 2005.
 - The best teacher of Bushehr University of Medical Sciences, 2007.
 - The best teacher of Bushehr University of Medical Sciences, 2009.
 - The best researcher of Bushehr University of Medical Sciences, 2005.
 - The best researcher of Bushehr province in the field of medical sciences, 2008.
 - The best researcher of Faculty of Medicine, Bushehr University of Medical Sciences, 2009.
 - The best researcher of Bushehr University of Medical Sciences, 2010.
 - The best researcher of Bushehr University of Medical Sciences, 2011.
 - Head of Department of Microbiology and Parasitology as the best Department of Bushehr University of Medical Sciences, 2009.
 - Head of Department of Microbiology and Parasitology as the best Department of Bushehr University of Medical Sciences, 2010.
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Memberships:

- Member of the reviewer's team of Iranian south medical journal.
- Member of scientific board of the 10th Iranian Congress of Microbiology, 2009, Ilam, Iran
- Scientific Secretary of the Seminar of Nosocomial Infections, Bushehr University of Medical Sciences, 2006.
- Member of Iranian Society for Microbiology.
- Member of International Society for Infectious Disease (ISID).
- Member of research council of Medicine Faculty, Bushehr University of Medical Sciences.
- Member of research council of the Persian Gulf Tropical and Infectious Diseases Research Center, Bushehr University of Medical Sciences.
- Member of research council of the Marine Biotechnology Research Center, Bushehr University of Medical Sciences.
- Member of research council of Bushehr University of Medical Sciences.
- Member of Iranian Scientific Association of Clinical Laboratory
- Member of scientific board of the first Congress of Novel Microbiology, 2014, Jahrom, Iran
- Member of the editorial board of Journal of Microbial World.
- Member of the committee of control of nosocomial infections of Bushehr University of Medical Sciences.
- Member of the council of Bushehr University of Medical Sciences.
- Member of the Scholarship council of Bushehr University of Medical Sciences.