

CURRICULUM VITAE
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March 2024



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Education:

October 1992 DVM from School of Veterinary Medicine, Shiraz
University, Shiraz, Iran.
November 2001 Ph.D in Medical Microbiology from School of Medicine,
Shiraz University of Medical Sciences, Shiraz, Iran

Scientific society or Committee membership:

- Iranian Veterinary Association
- Islamic Republic of Iran Medical Council
- Islamic Republic of Iran society of Medical Bacteriology
- The Australian Society for Microbiology
- European Society of Clinical Microbiology & Infectious Diseases
- Editorial Board of Iranian Journal of Veterinary Research (IJVR)
- Member of Evaluation and Exams Board of Medical Bacteriology, Iranian Ministry of Health & Medical Education

Working experience:

January 2000- June 2000:	Working in virology laboratory of the department of applied biology & biotechnology, RMIT University, Melbourne, Australia
October 2004-December 2004:	Working in virology laboratory of the department of applied biology & biotechnology, RMIT University, Melbourne, Australia
June 2002- December 2007	Assistant Professor of Microbiology; teaching Medical Bacteriology & Virology, Shiraz Medical School, Shiraz, Iran
December 2007- December 2012	Associate Professor of Microbiology; teaching Medical Bacteriology & Virology, Shiraz Medical School, Shiraz, Iran
December 2012 - present	Professor of Microbiology; teaching Medical Bacteriology & Virology, Shiraz Medical School, Shiraz, Iran

Research Experience:

- IFA
- EM
- ELISA
- Cell Culture Techniques
- Viral Identification techniques; Neutralization; Hemagglutination, Plaque assay
- PCR
- Bacteriologic Techniques, Antibiotic sensitivity researches

Research Interests:

- Herpes simplex virus
- Effect of different synthetic and herbal drugs on bacteria and viruses especially HSV
- Seroprevalence of viral infections
- Clinical and molecular diagnosis of different Bacteria and Viruses
- Antibiotic resistance & testing antibacterial candidates on bacteria
- Finding alternatives to antibiotics

Publications:

Full papers:

1. Firouzi R, **Motamedifar M**. Effect of heat & cold stress on humoral immunity in mice. J. Appl. Anim. Res. 1999; (16): 75-80.

2. Kabiri M, **Motamedifar M**, Akbari S. The effect of sodium valproate on measles virus, poliovirus type 1 & coxsackievirus B3 replication. *Irn. J. Med. Sci.* 2001; (1 & 2): 55-61.
3. Moattari A, Kabiri, M, Shahrabadi MS, Akbari S. Iranpoor N, **Motamedifar M**. Sodium valproate-induced potentiation of antiherpetic effect of acyclovir. *Irn. J. Med. Sci.* 2002; 27 (4): 180-187.
4. Jarrahpour AA, **Motamedifar M**, Mousavipour H, Hadi N and Zarei M. Synthesis of (2-Chloropyridine-3-yl)-(4-nitrobenzylidene) amine and its antibacterial activity. *Molbank* 2004, M364.
5. Jarrahpour AA, **Motamedifar M**, Hadi N and Zarei M. Synthesis of 2-methoxy-6-(pyrazin-2-ylimino methyl) phenol and its antibacterial activity. *Molbank* 2004, M373
6. Jarrahpour AA, **Motamedifar M**, Pakshir K, Hadi N. and Zarei M. Synthesis of Novel Azo Schiff Bases and Their Antibacterial and Antifungal Activities. *Molecules* 2004; 9, 815-824.
7. **Motamedifar M**, Darbari MH. Effect of aqueous, alcoholic & chloroform extract of German Chamomile (*Matricaria recutita*) on some gram- positive and gram- negative bacteria, *Journal of Medical Research* 2004 & 2005; 3 (2,3): 39-46
8. **Motamedifar M**, Moattari A. In Vitro Study of the Effect of Sodium valproate on Herpes simple virus type 1 replication, *Iranian Journal of Medical sciences* 2006; 31 (1): 28-32. 4
9. **Motamedifar M**, Handjani F, Hadi N, Shahkarami MK, Mehrabani D. Seroprevalence of Varicella-Zoster Virus in Children from Shiraz, Iran, *Iran. J. Immunol.* 2006; 3. (1):43-46.

10. Moatari A, Nekooeian AA, **Motamdifar M**. The antiinfluenza virus activity of hydroalcoholic extract of olive leaves. Iranian Journal of Pharmaceutical Sciences Summer 2006; 2(3): 163-168.
11. Hassanzadeh P, **Motamedifar M**. Occurrence of *Campylobacter jejuni* in Shiraz, Southwest Iran. Med Princ Pract. 2007;16(1):59-62.
12. Hassanzadeh P, **Motamedifar M**. The Prevalence of Asymptomatic Bacteriuria in Long Term Care Facility Residents in Shiraz, Southwest Iran: A Cross-Sectional Study. Pak J Biol Sci 2007; 10 (21): 3890-3894.
13. Sabayan B, **Motamedifar M**, Zamiri N, Karamifar K, Chohedry A. VIRAL INFECTIONS, PREVALENCE AND COSTS: A 5-year, hospital based, retrospective observational study in Shiraz, Iran. Pak J Med Sci 2007; 23 (4): 580-584.
14. Hashemizadeh Z, **Motamedifar M**, Ziyaeyan M. The comparison of Elisa test and nested-PCR for detection of Human Cytomegalovirus (HCMV) infection. Armaghane-danesh (Yasuj University of Medical science Scientific Journal) 2007; 12 (1):89-95.
15. **Motamdifar M**, Nekooeian AA, Moatari A. The effect of hydroalcoholic extract of olive leaves against Herpes Simplex Virus type 1. Iranian Journal of Medical sciences 2007.; 32 (4):222-226.
16. Mehrabanpour MJ, Dadras H., Pourbakhsh SA, Hoseini SMH, **Motamedifar M**, Mohammadi A. Plaque formation of LaSota pathogenic strain of Newcastle disease virus adapted in chick embryo fibroblast cells. Archives of Razi Institute. 2007; 62(1):7-13. 5
17. **Motamedifar M**, Noorafshan A. Cytopathic effect of the herpes simplex virus type 1 appears stereologically as early as 4 h after infection of Vero cells. Micron. 2008; 39(8):1331-4.

18. **Motamedifar M**, Hashemizadeh Z, Hadi N, Torab jahromi A, Kasraian L. The Study of seroprevalence of human Cytomegalovirus in healthy blood donors referring to Fars Blood bank. *Hormozgan Medical Journal*; 2008; 12 (4):237-242.
19. Hassanzadeh P, **Motamedifar M**, Hadi N. Prevalent bacterial infections in intensive care units of Shiraz University of medical sciences teaching hospitals, Shiraz, Iran. *Jpn J Infect Dis*. 2009; 62(4):2 49-53.
20. **Motamedifar M**, Askarian M. The prevalence of multidose vial contamination by aerobic bacteria in a major teaching hospital, Shiraz, Iran, 2006. *Am J Infect Control*. 2009; 37(9): 773-777.
21. **Motamedifar M**, Hassanzadeh P, Ghafari N. Relative frequency of Staphylococcal carriage and antibiotic sensitivity of isolated Staphylococci in hemodialysis patients in Shiraz, Iran. *Med Princ Pract*. 2010;19 (5):379-83.
22. Abbaszadegan A, Khayat A, **Motamedifar M**. Comparison of antimicrobial efficacy of IKI and NaOCI irrigants in infected root canals: An in vivo study. *Iranian Endodontic Journal* 2010; 5 (3): 101-106.
23. Jarrahpour A, **Motamedifar M**, Zarei M, Mimouni M. Synthesis of new N-sulfonyl monocyclic β -lactams and the investigation of their antibacterial activities Phosphorus,sulfur and silican Phosphorus, Sulfur, and Silicon 2010, 185 (2): 287-297
24. Jarrahpour A, **Motamedifar M**, Zarei M, Youssoufi MH, Mimouni M, Chohan ZH, Ben Hadda T. Petra, Osiris, and molinspiration together as a guide in drug design: predictions and correlation structure/antibacterial activity relationships of new N-sulfonyl monoctclc β -lactams. *Phosphorus, Sulfur, and Silicon* 2010,185 (2), 491-497. 6
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28. Emamghorashi F, Owji SM, **Motamedifar M**. Evaluation of Effectiveness of Vitamins C and E on Prevention of Renal Scar due to Pyelonephritis in Rat. *Adv Urol.* 2011;2011: 489-496.
29. Hassanzadeh P, **Motamedifar M**, Gharaghani MN. Carriage rate of group B streptococci in pregnant women in three teaching hospitals in shiraz, Iran. *Med Princ Pract.* 2011;20 (3):277-82.
30. Noorafshan A, **Motamedifar M**, Karbalay-Doust S. Volume and surface changes in Vero cell and its nucleus after infection with measles virus: a stereological study *Microbiology Research* 2011; 2 (1), e18.
31. Shishegar M, Faramarzi A, Kazemi T, Bayat A, **Motamedifar M**. Polymerase Chain Reaction, Bacteriologic Detection and Antibioqram of the Isolated bacteria in Otitis Media with Effusion in Children, Shiraz, Iran. *IJMS* 2011; 36(4):273-280.
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35. Mortazavi S. M. J, **Motamedifar M**, Mehdizadeh A. R, Namdari G, Taheri M. The Effect of Pre-exposure to Radiofrequency Radiations Emitted from a GSM Mobile Phone on the Suseptibility of BALB/c Mice to *Escherichia coli*. *J Biomed Phys Eng* 2012; 2(4):139-146.
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39. Hassanzadeh P, Mardaneh Jalal, **Motamedifar M**. Conventional Agar-Based Culture Method, and Nucleic Amplification test (NAAT). *IRCMJ*. 2013;15(3):207-211.
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transmitted infections among female sex workers in Shiraz, South of Iran: By respondent-driven sampling. Int J STD AIDS, July 19, 2013: [Epub ahead of print]

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58. **Motamedifar M**, Ebrahim-Saraie HS, Abadi AR, Moghadam MN. First Outcome of MDR-TB among Co-Infected HIV/TB Patients from South-West Iran. *Tuberc Respir Dis (Seoul)*. 2015 Jul;78(3):253-7. doi: 10.4046/trd.2015.78.3.253.
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67. Modarresi F, Azizi O, Shakibaie MR, **Motamedifar M**, Mansouri S Cloning and expression of quorum sensing N-acyl-homoserine synthase (LuxI) gene detected in *Acinetobacter baumannii*. *Iran J Microbiol*. 2016 Apr;8(2):139-46.
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