

## Curriculum Vitae

Name: Farzan

Surname: Modaresi

Birth: 1986/9/6

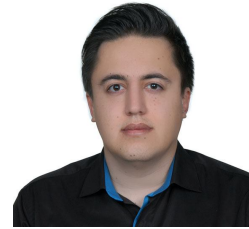
Sex: Male

Nationality: Iranian

Assistant Professor in Jahrom University of Medical Sciences

Email: [Modarresifarzan@gmail.com](mailto:Modarresifarzan@gmail.com),

Farzanmodaresi@jums.ac.ir



### Educational Background:

BA degree: Biology at Shiraz university of Iran 2004-2008

MA degree: Medical Microbiology at Jundishapur university of Iran 2008-2010

PhD: Medical bacteriology at Kerman University of Medical Sciences Iran 2011-2015

### Education Experience:

Theoretical teaching medical microbiology for nursing student 2009-2020

Theoretical teaching medical Parasitology for nursing student 2009-2020

Theoretical teaching medical microbiology for undergraduate student from 2011-2020

Theoretical teaching medical bacteriology for Lab Sciences student 2016-2020

Theoretical teaching medical microbiology for nursing 2016-2020

Theoretical teaching medical microbiology for medicine student 2016-2020

## Papers presented at scientific congresses:

### Oral present:

Detection of streptococci group B in neonatal who suspected to the sepsis by Nested-PCR from Ahvaz Abozar and Emam hospitals (Iran) in Oxford University Ireland FEMS 2012

The use of Nanoparticles in treatment of multidrug resistance infection presented in Lyon France EMN Meeting 2017

### Poster present:

Comparison between traditional and molecular methods for identification of klebsiella pneumonia in neonatal who suspected to sepsis

Detection of Enterobacter sakazakii from dried infant milk used in neonatal units of Imam and Abozar hospitals in Ahvaz-Iran

### Published Article:

1-Modarresi, F., Azizi, O., Shakibaie, M. R., Motamedifar, M., Mosadegh, E., & Mansouri, S. (2015). Iron limitation enhances acyl homoserine lactone (AHL) production and biofilm formation in clinical isolates of *Acinetobacter baumannii*. *Virulence*, 6(2), 152-161. (IF=4.8)

2-Modarresi, F., Azizi, O., Shakibaie, M. R., Motamedifar, M., Valibeigi, B., & Mansouri, S. (2015). Effect of iron on expression of efflux pump (adeABC) and quorum sensing (luxI, luxR) genes in clinical isolates of *Acinetobacter baumannii*. *APMIS*, 123(11), 959-968. (IF=2.3)

3-Azizi, O., Shakibaie, M. R., Modarresi, F., & Shahcheraghi, F. (2015). Molecular detection of class-D OXA Carbapenemase genes in biofilm and non-biofilm forming clinical isolates of *Acinetobacter baumannii*. *Jundishapur journal of microbiology*, 8(1). (IF= 1)

4-Lavaee, F., Faez, K., Faez, K., Hadi, N., & **Modaresi, F.** (2016). Antimicrobial and antibiofilm activity of silver, titanium dioxide and iron nano particles. **AMERICAN JOURNAL OF DENTISTRY**, 29(6), 315-320. (Corresponding Author)(IF=2.6)

5-Azizi, O., Shakibaie, M. R., Badmasti, F., **Modarresi, F.**, Ramazanzadeh, R., Mansouri, S., & Shahcheraghi, F. (2016). Class 1 integrons in non-clonal multidrug-resistant *Acinetobacter baumannii* from Iran, description of the new blaIMP-55 allele in In1243. **Journal of Medical Microbiology**, 65(9), 928-936. (IF= 2.5)

6-**Modarresi, F.**, Azizi, O., Shakibaie, M. R., Motamedifar, M., & Mansouri, S. (2016). Cloning and expression of quorum sensing N-acyl-homoserine synthase (LuxI) gene detected in *Acinetobacter baumannii*. **Iranian Journal of Microbiology**, 8(2), 139.

7- Afra SM, **Modaresi F** (2017) The Use of Synergistically Antiplaque Nanoparticles In Treating Dental Caries. **J Dent Health Oral Disord Ther** 6(5): 00214. DOI: 10.15406/jdhodt.2017.06.00214 (Corresponding Author)

8-Salimizand, H., **Modarresi, F.**, Azizi, O., Mansouri, S., Rahmati, M., & Barkhordari, K. (2015). Antimicrobial Profile and Phenotypic Metallo- $\beta$ -Lactamase Detection of *Acinetobacter baumannii* Isolated From Clinical and Environmental Specimens. **Zahedan Journal of Research in Medical Sciences**, 17(6).

9-Omid, A., Fereshteh, S., Himen, S., **Farzan, M.**, Reza, S. M. (2016). Molecular Analysis and Expression of *bap* Gene in Biofilm-Forming Multi-Drug-Resistant *Acinetobacter baumannii*. **Reports of Biochemistry & Molecular Biology**, 5(1), 62.

10-Ahmadi, KH, Sheykh A. Farajzadeh, J. Mardaneh, **F. Modarresi**, and S. Shoja. "Detection of *Enterobacter sakazakii* in neonatal sepsis by PCR on 16S ribosomal RNA." (2014). ISMJ. 272-279.

11-Mardani, M., Afra, S. M., Tanideh, N., Andisheh Tadbir, A., **Modarresi, F.**, Koochi-Hosseiniabadi, O & Sepehrimanesh, M. (2016). Hydroalcoholic extract of *Carum carvi* L. in oral mucositis: a clinical trial in male golden hamsters. **Oral Diseases**, 22(1), 39-45. (IF=2.5)

12-Kavoosi F, **Modaresi F (Corresponding Author)**, Sanaei M, Rezaei Z. Medical and dental applications of nanomedicines. *Apmis*. 2018 Oct;126(10):795-803.

## Participation in Congresses and seminars:

International Scientific Conference of the Institute for Cellular and Molecular embryos Persian 2008

The Fifth Iranian Congress of Virology and Vaccine Congress 2009

Third Iranian Congress of Clinical Microbiology 2009

Eleventh Congress of Microbiology, Iran and the Eastern Mediterranean Regional Congress of Microbiology 2009

## Experienced methods:

-PCR

-Nested-PCR

-Multiplex and RT-PCR

-Electrophoresis

-ELISA

-Immunofluorescent

-Cell Culture

-Cloning and expression

-Real time PCR

-NanoMedicine

-Nanoparticles synthesize, Conjugate

**Book:** New Strategy in Treatments of Oral Infections by Nanoparticles (Published by Duuseldorf Scholar Press)