

## Curriculum Vitae:

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**Address:** Isfahan University of Medical Sciences  
School of Medicine  
Department of Bacteriology & Virology  
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**Number of Children:** one  
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## Academic Positions

<b>Since June 2019</b>	Professor of the Department of Bacteriology & Virology of Isfahan University of Medical Sciences.
<b>2013-2019</b>	Associate Professor of the Department of Bacteriology & Virology of Isfahan University of Medical Sciences.
<b>2005</b>	Assistant Professor of the Department of Bacteriology & Virology of Isfahan University of Medical Sciences.
<b>2004- 2006</b>	Postdoctoral fellowship, Prof. Conzelmann, LMU- Munich, Germany
<b>June 2003- March 2004</b>	Postdoctoral fellowship, Prof. Wolfgang Garten. Philips University of Marburg, Germany. Research on ``Role of Borna disease virus (BDV) matrix protein in morphogenesis of virus-like particles.`` ``Interaction of Borna disease virus matrix protein with the cytoplasmic tail of the glycoprotein`` (Poster in Tübingen, March 2004)

## Education:

Degree	Institution	Field	Date	Grade
Ph.D	Iran University of Medical Sciences, Tehran, Iran	Virology	2003	very good
MSc	Tarbiat Modarres University, Tehran, Iran	Virology	1998	very good
BSc	Isfahan University	Microbiology	1995	very good

## Methods:

Next to the classical techniques of virology (e.g. cell culture, virus propagation, virus purification, methods of virus assay...) I have good experiences in molecular, biological, biochemical and bioanalytical methods such as:

- Cloning, expression
- PCR, Real-time PCR
- Electrophoresis (agarose, SDS-PAGE) of the viral genome
- Western blot analysis for viral proteins
- Northern blot
- Immunofluorescence(IF)
- ELISA
- Nt test
- Plaque assay
- Purification of antibodies using ion-exchange and affinity chromatography
- SDS-PAGE for proteins
- Electron Microscopy (EM) of viruses and virus-infected cells.

## Additional experiences:

**English**                      Fluent in English, writing, and conversation

## Publications:

**2023**

Soroush Sadri, Arezoo Mirzaei, Bahram Nar Esfahani, Sharareh Moghim\*, **Enteroviruses and Parechovirus in Children with Acute Respiratory Infections: A Survey in Isfahan, Iran.** <https://doi.org/10.22108/bjm.2022.133400.1467>

**2022**

Arezoo Mirzaei, Jeroen Wagemans ,Bahram NasrEsfahani, Rob Lavigne , Sharareh Moghim\* , **Phage Cocktail To Control Surface Colonization by Proteus mirabilis in Catheter-Associated Urinary Tract Infections**, Microbiology Spectrum: Vol. 10, No. 5

Arezoo Mirzaei , Bahram Nasr Esfahani , MustafaGhanadian & Sharareh Moghim\*,**Alhagi maurorum extract modulates quorum sensing genes and bioflm formation in Proteus mirabilis**, Scientific Reports (2022) 12:13992.

Maryam Khalili, Hamid Rahimi Hajiabadi, Mojtaba Akbari, Bahram Nasr Esfahani, Rana Saleh, Sharareh Moghim\*, **Viral aetiology of acute central nervous system infections in children, Iran:** Journal of Medical Microbiolog <https://doi.org/10.1099/jmm.0.001602>.

Fatemeh Estaji, Bahram Nasr Esfahani<sup>1</sup>, Saeed Zibae, Mohammad Hossein Sanei<sup>3</sup>, Sharareh Moghim\*: **EPIYA motif genetic characterization from *Helicobacter pylori* isolates in distinct geographical regions of Iran.** Adv Biomed Res 2022, 11:77.

Fatemeh Estaji, Bahram Nasr Esfahani, Saeed Zibae, Mohammad Hossein Sanei, Sharareh Moghim\*,**Epstein-barr virus/*Helicobacter pylori* coinfection and gastric cancer: the possible role of viral gene expression and shp1 methylation.** Iranina J of Medical Microbiology Volume 14 Number 6 (December 2022) 901-912.

Behnam Sisakhtpour, Arezoo Mirzaei, Vajihe Karbasizadeh, Nafseh Hosseini, Mehdi Shabani and Sharareh Moghim\*. **The characteristic and potential therapeutic effect of isolated multidrug-resistant *Acinetobacter baumannii* lytic phage.** Annals of Clinical Microbiology and Antimicrobials. <https://doi.org/10.1186/s12941-022-00492-9>

Fatemeh Norouzi, Sharareh Moghim, ShimaSadat Farzaneh, Hossein Fazeli, Mahshid Salehi & Bahram Nasr Esfahani\* (2022) **Significance of the coexistence of non-codon 315 katG, inhA, and oxyR-ahpC intergenic gene mutations among isoniazid-resistant and Multidrug-resistant isolates of *Mycobacterium tuberculosis*: a report of novel mutations,** Pathogens and Global Health, 116:1, 22-29, DOI: 10.1080/20477724.2021.1928870

Maryam Khalili, Hamid Rahimi Hajiabadi, Mojtaba Akbari, Rana Saleh, Bahram Nasr Esfahani, Sharareh Moghim\*,**Assessment of a multiplex RT-PCR for Simultaneous, Rapid Screening of Common Viral Infections of Central Nervous System: A Prospective Study for Enteroviruses and Herpesviruses.** Advances in Hygiene and Experimental Medicine DOI: 10.2478/ahem-2022-0011

Jina Vazirzadeh, Vajihe Karbasizadeh, Jamal lahi, Sharareh Moghim, Tahmineh Narimani, and Rahmatollah Rafie, **Genetic Diversity of *Helicobacter pylori* Isolates from Patients with Gastric Diseases in Isfahan.** Adv Biomed Res. 2022; 11: 4.

ShimaSadat Farzaneh , Fatemeh Norouzi , Hossein Fazeli , Sharareh Moghim , Bahram Nasr Esfahani\*. **Resistance to First-line Drugs in Clinical Isolates of *Mycobacterium tuberculosis* in Isfahan.** Journal of Isfahan Medical School: Vol. 40, No. 685.

Ehsan Kakavandi , Mohammad Shayestehpour \*, Sharareh Moghim. **Cancer virotherapy: Targeting cancer cells by microRNA mechanism for selective replication of oncolytic viruses in these cells.** Koomesh 1401, 24(3): 288-299

Rahimi, Hamid and Saleh, Rana and Javadi, Niloofar and Dehghan, Amin and Sadeghizadeh, Atefeh and Yaghini, Omid and Mohammadi, Tayebbeh and Moghim, Sharareh and Khalili, Maryam and Pourmoghaddas, Zahra, **Reactivation of Various Viruses in the Patients with Coincidence of Encephalitis and Multisystem Inflammatory Syndrome in Children.** SSRN: <https://ssrn.com/abstract=4133367>

Arezoo Mirzaei, Bahram Nasr Esfahani, Abbasali Raz, Mustafa Ghanadian, and Sharareh Moghim\*, **From the Urinary Catheter to the Prevalence of Three Classes of Integrons,  $\beta$ -Lactamase Genes, and Differences in Antimicrobial Susceptibility of *Proteus mirabilis* and Clonal Relatedness with Rep-PCR**, BioMed Research International <https://doi.org/10.1155/2021/9952769>.

Sadegh Ehdaei B, Pirouzmand A, Shabani M, Mirzaei A, Moghim S\*: **Cellular miR-101-1 Reduces Efficiently the Replication of HSV-1 in HeLa Cells**. Intervirology 2021;64:88-95. doi: 10.1159/000512956

Saeedeh Ebrahimi, Behnam Sisakhtpour, Arezoo Mirzaei, Vajihe Karbasizadeh, Sharareh Moghim\*, Efficacy of isolated bacteriophage against biofilm embedded colistin-resistant *Acinetobacter baumannii*, Gene Reports, <https://doi.org/10.1016/j.genrep.2020.100984>.

Mirzaei, Arezoo and Moghim, Sharareh. "SARS-CoV-2, SARS and MERS: Three formidable coronaviruses which have originated from bats" *Postępy Higieny i Medycyny Doświadczalnej*, vol.75, no.1, 2021, pp.91-100. <https://doi.org/10.5604/01.3001.0014.7476>

Motallebirad, T., Fazeli, H., Ghahiri, A. et al. **Prevalence, population structure, distribution of serotypes, pilus islands and resistance genes among erythromycin-resistant colonizing and invasive *Streptococcus agalactiae* isolates recovered from pregnant and non-pregnant women in Isfahan, Iran**. BMC Microbiol 21, 139 (2021). <https://doi.org/10.1186/s12866-021-02186-2>

Nasr-Esfahani B, Moghim S, Salehi M, Keikha M. **Evaluating the Frequency of Resistance to Pyrazinamide Among Drug-resistant Strains of *Mycobacterium tuberculosis* in Isfahan, Iran**. Arch Clin Infect Dis. 2021;16(2):e101092. doi: 10.5812/archcid.101092.

## 2020

Jina Vazirzadeh, Jamal Falahi, Sharareh Moghim, Tahmineh Narimani, Rahmatollah Rafiei, and Vajihe Karbasizadeh. **Molecular Assessment of Resistance to Clarithromycin in *Helicobacter pylori* Strains Isolated from Patients with Dyspepsia by Fluorescent In Situ Hybridization in the Center of Iran**, BioMed Research International <https://doi.org/10.1155/2020/2304173>.

Marzieh Safari, Sharareh Moghim, Mahshid Salehi, Rasool Jafari, Bahram Nasr Esfahani, **Sequence-based detection of first-line and second-line drugs resistance-associated mutations in *Mycobacterium tuberculosis* isolates in Isfahan, Iran**, Infection, Genetics and Evolution, <https://doi.org/10.1016/j.meegid.2020.104468>.

Mohammad Reza Mofid, Valiollah Babaeipour, Sevda Jafari, Leila Haddad, Sharareh Moghim, Jalaledin Ghanavi, **Efficient process development for high-level production, purification, formulation, and characterization of recombinant mecasermin in *Escherichia coli***. Biotechnology and applied Biochemistry. <https://doi.org/10.1002/bab.1990>

## 2019

Mohammadi Mehrdad, Yavarian Jila, Karbasizade Vajihe, Moghim Sharareh\*, Esfahani Bahram Nasr, Hosseini Nafiseh Sadat. 2019. "Phylogenetic analysis of human bocavirus in children with acute respiratory infections in Iran." *Acta microbiologica et immunologica Hungarica*: 1-13. doi:10.1556/030.66.2019.017.

Mehdi Shabani, Bahram Nasr Esfahani, Bahar Sadegh Ehdaei, Sharareh Moghim\*, Arezoo Mirzaei, Mohammadreza Sharifi, and Leili Mouhebat. 2019. "**Inhibition of herpes simplex virus type 1 replication by novel hsa-miR-7704 in vitro.**" *Research in Pharmaceutical Sciences*, April 2019; 14(2): 167-174.

## 2018

Gheitani Leila, Fazeli Hossein, Moghim Sharareh, Nasr Esfahani Bahram. 2018. "**Frequency Determination of Carbapenem-Resistant Klebsiella Pneumoniae (CRKP) Isolated from hospitals in Isfahan of Iran and Evaluation of Synergistic Effect of Colistin and Meropenem on them.**" *Cellular and molecular biology (Noisy-le-Grand, France)* 64 (1): 70-74.

**Zaniani Fatemeh Riyahi, Moghim Sharareh, Esfahani Bahram Nasr. 2018. "Genetic Diversity of Drug-resistant"** *Advanced biomedical research* 7: 23. DOI:10.4103/2277-9175.225594.

Nasirmoghadas Pourya, Yadegari Sima, Moghim Sharareh, Esfahani Bahram Nasr, Fazeli Hossein, Poursina Farkhondeh, Hosseininassab Seyed Abolfazl, et al. 2018. "**Evaluation of Biofilm Formation and Frequency of Multidrug-resistant and Extended Drug-resistant Strain in "** *Advanced biomedical research* 7: 61. doi:10.4103/abr.abr\_37\_17.

Fazeli Hossein, Moghim Sharareh, Zare Donya. 2018. "**Antimicrobial Resistance Pattern and Spectrum of Multiple-drug-resistant Enterobacteriaceae in Iranian Hospitalized Patients with Cancer.**" *Advanced biomedical research* 7: 69. doi:10.4103/abr.abr\_164\_17.

Jahani-Sherafat Somayeh, Alebouyeh Masoud, Moghim Sharareh, Ahmadi Amoli Hamed, Ghasemian-Safaei Hajieh. 2018. "**Role of gut microbiota in the pathogenesis of colorectal cancer; a review article.**" *Gastroenterology and hepatology from bed to bench* 11 (2): 101-109.

## 2017

Moazeni Malihe, Nikaeen Mahnaz, Hadi Mahdi, Moghim Sharareh, Mouhebat Leili, Hatamzadeh Maryam, Hassanzadeh Akbar, et al. 2017. "Estimation of health risks caused by exposure to enteroviruses from agricultural application of wastewater effluents." *Water Research* 125: 104-113. doi:10.1016/j.watres.2017.08.028.

Ghajavand Hasan, Esfahani Bahram Nasr, Havaei Asghar, Fazeli Hossein, Jafari Reyhaneh, Moghim Sharareh. 2017. "Isolation of bacteriophages against multidrug-resistant *Acinetobacter baumannii*." *Research in pharmaceutical sciences* 12 (5): 373-380. doi:10.4103/1735-5362.213982.

Mirzaei Nasrin, Poursina Farkhondeh, Moghim Sharareh, Rashidi Niloufar, Ghasemian Safaei Hajieh. 2017. "**The study of H. pylori putative candidate factors for single- and multi-component vaccine development.**" *Critical reviews in microbiology* 43 (5): 631-650. doi:10.1080/1040841X.2017.1291578.

Shayestehpour Mohammad, Moghim Sharareh, Salimi Vahid, Jalilvand Somayeh, Yavarian Jila, Romani Bizhan, Mokhtari-Azad Talat, et al. 2017. "**Targeting human breast cancer cells**

**by an oncolytic adenovirus using microRNA-targeting strategy."** Virus research 240: 207-214. doi:10.1016/j.virusres.2017.08.016.

Mohammadi Samira, Esfahani Bahram Nasr, Moghim Sharareh, Mirhendi Hossein, Zaniani Fatemeh Riyahi, Safaei Hajieh Ghasemian, Fazeli Hossein, et al. 2017. "**Optimal DNA Isolation Method for Detection of Nontuberculous Mycobacteria by Polymerase Chain Reaction.**" Advanced biomedical research 6: 133. doi:10.4103/2277-9175.217216.

Esfahani Bahram Nasr, Basiri Rozita, Mirhosseini Seyed Mohammad Mahdy, Moghim Sharareh, Dolatkah Shahaboddin. 2017. "**Nosocomial Infections in Intensive Care Unit: Pattern of Antibiotic-resistance in Iranian Community.**" Advanced biomedical research 6: 54. doi:10.4103/2277-9175.205527.

Safaei Hajieh Ghasemian, Moghim Sharareh, Isfahani Bahram Nasr, Fazeli Hossein, Poursina Farkhondeh, Yadegari Sima, Nasirmoghadas Pourya, et al. 2017. "**Distribution of the Strains of Multidrug-resistant, Extensively Drug-resistant, and Pandrug-resistant Pseudomonas aeruginosa Isolates from Burn Patients.**" Advanced biomedical research 6: 74. doi:10.4103/abr.abr\_239\_16.

Tousizadeh Behnaz, Moghim Sharareh, Chaleshtori Ahmad Reza Salehi, Ghanbarian Maryam, Mirian Mina, Salehi Mansoor, Tousizadeh Sepideh, et al. 2017. "**Application of Epstein-Barr Virus for Optimization of Immortalized B-lymphocyte Production as a Positive Control in Genetic Studies.**" Advanced biomedical research 6: 80. doi:10.4103/2277-9175.210659.

Isfahani Bahram Nasr, Fazeli Hossein, Babaie Zeinab, Poursina Farkhondeh, Moghim Sharareh, Rouzbahani Meisam. 2017. "**Evaluation of Polymerase Chain Reaction for Detecting Coliform Bacteria in Drinking Water Sources.**" Advanced biomedical research 6: 130. doi:10.4103/2277-9175.216783.

## 2016

Riyahi Zaniani Fatemeh, Moghim Sharareh, Mirhendi Hossein, Ghasemian Safaei Hajieh, Fazeli Hossein, Salehi Mahshid, Nasr Esfahani Bahram, et al. 2016. "**Genetic Lineages of Mycobacterium tuberculosis Isolates in Isfahan, Iran.**" Current microbiology doi:10.1007/s00284-016-1145-2.

Mirzaei Nasrin, Poursina Farkhondeh, Moghim Sharareh, Ghaempanah Abdol Majid, Safaei Hajieh Ghasemian. 2016. "**The Bioinformatics Report of Mutation Outcome on NADPH Flavin Oxidoreductase Protein Sequence in Clinical Isolates of H. pylori.**" Current microbiology 72 (5): 596-605. doi:10.1007/s00284-016-0992-1.

Nasr Esfahani Bahram, Moghim Sharareh, Ghasemian Safaei Hajieh, Moghoofei Mohsen, Sedighi Mansour, Hadifar Shima. 2016. "**Phylogenetic Analysis of Prevalent Tuberculosis and Non-Tuberculosis Mycobacteria in Isfahan, Iran, Based on a 360 bp Sequence of the rpoB Gene.**" Jundishapur journal of microbiology 9 (4): e30763. doi:10.5812/jjm.30763.

Nasr Esfahani Bahram, Zarkesh Esfahani Fatemeh Sadat, Bahador Nima, Moghim Sharareh, Radaei Tooba, Rezaei Yazdi Hadi, Ghasemian Safaei Hajiyeh, et al. 2016. "**Analysis of DNA gyrA Gene Mutation in Clinical and Environmental Ciprofloxacin-Resistant Isolates of Non-Tuberculous Mycobacteria Using Molecular Methods.**" Jundishapur journal of microbiology 9 (3): e30018. doi:10.5812/jjm.30018.

Hozoorbakhsh Fereshte, Esfahani Bahram Nasr, Moghim Sharareh, Asghari Gholamreza. 2016. "**Evaluation of the effect of *Pulicaria gnaphalodes* and *Perovskia abrotanoides* essential oil extracts against *Mycobacterium tuberculosis* strains.**" *Advanced biomedical research* 5: 79. doi:10.4103/2277-9175.180991.

## 2015

Ghasemian Safaei Hajieh, Faghri Jamshid, Moghim Sharareh, Nasr Esfahani Bahram, Fazeli Hossein, Makvandi Manoochehr, Adib Minoo, et al. 2015. "**Production of IFN- $\gamma$  and IL-4 Against Intact Catalase and Constructed Catalase Epitopes of *Helicobacter pylori* From T-Cells.**" *Jundishapur journal of microbiology* 8 (12): e24697. doi:10.5812/jjm.24697.

Nafez Amir Hossein, Nikaeen Mahnaz, Kadkhodaie Safora, Hatamzadeh Maryam, Moghim Sharareh. 2015. "**Sewage sludge composting: quality assessment for agricultural application.**" *Environmental monitoring and assessment* 187 (11): 709. doi:10.1007/s10661-015-4940-5.

Moghoofei Mohsen, Fazeli Hossein, Poursina Farkhondeh, Nasr Esfahani Bahram, Moghim Sharareh, Vaez Hamid, Hadifar Shima, et al. 2015. "**Morphological and Bactericidal Effects of Amikacin, Meropenem and Imipenem on *Pseudomonas aeruginosa*.**" *Jundishapur journal of microbiology* 8 (11): e25250. doi:10.5812/jjm.25250.

Vaez Hamid, Faghri Jamshid, Nasr Esfahani Bahram, Moghim Sharareh, Fazeli Hossein, Sedighi Mansour, Ghasemian Safaei Hajieh, et al. 2015. "**Antibiotic Resistance Patterns and Genetic Diversity in Clinical Isolates of *Pseudomonas aeruginosa* Isolated From Patients of a Referral Hospital, Isfahan, Iran.**" *Jundishapur journal of microbiology* 8 (8): e20130. doi:10.5812/jjm.20130v2.

Havaei Seyed Asghar, Namvar Amirmorteza Ebrahimzadeh, Moghim Sharareh, Lari Abdolaziz Rastegar. 2015. "**Evaluation of various staphylococcal cassette chromosome mec (SCCmec) types in *Staphylococcus epidermidis* invasive strains from hospitalised patients in Iran.**" *Le infezioni in medicina : rivista periodica di eziologia, epidemiologia, diagnostica, clinica e terapia delle patologie infettive* 23 (1): 18-22.

Ghajavand Hasan, Esfahani Bahram Nasr, Havaei Seyed Asghar, Moghim Sharareh, Fazeli Hossein. 2015. "**Molecular identification of *Acinetobacter baumannii* isolated from intensive care units and their antimicrobial resistance patterns.**" *Advanced biomedical research* 4: 110. doi:10.4103/2277-9175.157826.

Naeini Alireza Emami, Ghazavi Mohamadreza, Moghim Sharareh, Sabaghi Amirhosein, Fadaei Reza. 2015. "**Acute flaccid paralysis surveillance: A 6 years study, Isfahan, Iran.**" *Advanced biomedical research* 4: 99. doi:10.4103/2277-9175.156670.

Hadifar Shima, Moghim Sharareh, Fazeli Hossein, GhasemianSafaei Hajieh, Havaei Seyed Asghar, Farid Fariba, Esfahani Bahram Nasr, et al. 2015. "**Molecular typing of Iranian mycobacteria isolates by polymerase chain reaction-restriction fragment length polymorphism analysis of 360-bp *rpoB* gene.**" *Advanced biomedical research* 4: 152. doi:10.4103/2277-9175.161579.

Vaez Hamid, Moghim Sharareh, Nasr Esfahani Bahram, Ghasemian Safaei Hajieh. 2015. "**Clonal Relatedness among Imipenem-Resistant *Pseudomonas aeruginosa* Isolated**

**from ICU-Hospitalized Patients."** Critical care research and practice 2015: 983207. doi:10.1155/2015/983207.

## 2014

Khademi Farzad, Faghri Jamshid, Moghim Sharareh, Esfahani Bahram Nasr, Fazeli Hossein, Poursina Farkhondeh, Adibi Peyman, et al. 2014. "**The study of mutation in 23S rRNA resistance gene of Helicobacter pylori to clarithromycin in patients with gastrointestinal disorders in Isfahan - Iran.**" Advanced biomedical research 3: 98. doi:10.4103/2277-9175.129368.

Mirzaei Nasrin, Poursina Farkhondeh, Moghim Sharareh, Rahimi Ebrahim, Safaei Hajieh Ghasemian. 2014. "**The mutation of the rdxA gene in metronidazole-resistant Helicobacter pylori clinical isolates.**" Advanced biomedical research 3: 90. doi:10.4103/2277-9175.128469.

Vaez Hamid, Faghri Jamshid, Esfahani Bahram Nasr, Moghim Sharareh, Yadegari Sima, Fazeli Hossein, Moghohfeei Mohsen, et al. 2014. "**Efflux pump regulatory genes mutations in multidrug resistance Pseudomonas aeruginosa isolated from wound infections in Isfahan hospitals.**" Advanced biomedical research 3: 117. doi:10.4103/2277-9175.133183.

Faghri Jamshid, Poursina Farkhondeh, Moghim Sharareh, Zarkesh Esfahani Hamid, Nasr Esfahani Bahram, Fazeli Hossein, Mirzaei Nasrin, et al. 2014. "**Morphological and Bactericidal Effects of Different Antibiotics on Helicobacter pylori.**" Jundishapur journal of microbiology 7 (1): e8704. doi:10.5812/jjm.8704.

## 2013

Khademi Farzad, Faghri Jamshid, Poursina Farkhondeh, Esfahani Bahram Nasr, Moghim Sharareh, Fazeli Hossein, Adibi Peyman, et al. 2013. "**Resistance pattern of Helicobacter pylori strains to clarithromycin, metronidazole, and amoxicillin in Isfahan, Iran.**" Journal of research in medical sciences : the official journal of Isfahan University of Medical Sciences 18 (12): 1056-60.

Poursina Farkhondeh, Faghri Jamshid, Moghim Sharareh, Zarkesh-Esfahani Hamid, Nasr-Esfahani Bahram, Fazeli Hossein, Hasanzadeh Akbar, et al. 2013. "**Assessment of cagE and babA mRNA expression during morphological conversion of Helicobacter pylori from spiral to coccoid.**" Current microbiology 66 (4): 406-13. doi:10.1007/s00284-012-0280-7.

Amin Marashi Seyed Mahmoud, Rajabnia Ramazan, Imani Fooladi Abbas Ali, Hojati Zohreh, Moghim Sharareh, Nasr Esfahani Bahram. 2013. "**Determination of ctxAB expression in Vibrio cholerae Classical and El Tor strains using Real-Time PCR.**" International journal of molecular and cellular medicine 2 (1): 9-13.

Gheissari Alaleh, Moghim Sharareh, Navaie Safoora, Merrikhi Alireza, Madihi Yahya. 2013. "**BK virus excretion in acquired immunocompromised children: A comparison between kidney transplant recipients and steroid resistant nephrotic syndrome.**" Journal of research in medical sciences : the official journal of Isfahan University of Medical Sciences 18 (1): 61-4.



Havaei Seyed Asghar, Moghim Sharareh, Bardebari Ali Mohamadi, Narimani Tahmineh, Azimian Amir, Akbari Mojtaba. 2013. **"The comparison of Staphylococcus aureus types 5 and 8 with respect to methicillin resistance in patients admitted to Al-Zahra Hospital by PCR."** Advanced biomedical research 2: 13. doi:10.4103/2277-9175.107962.

Fazzeli Hossein, Arabestani Mohammad R, Esfahani Bahram N, Khorvash Farzin, Pourshafie Mohammad R, Moghim Sharareh, Safaei Hajieh G, et al. 2013. **"A new multiplex polymerase chain reaction assay for the identification a panel of bacteria involved in bacteremia."** Advanced biomedical research 2: 7. doi:10.4103/2277-9175.107972.

## 2012

Nasr Esfahani Bahram, Rezaei Yazdi Hadi, Moghim Sharareh, Ghasemian Safaei Hajieh, Zarkesh Esfahani Hamid. 2012. **"Rapid and accurate identification of Mycobacterium tuberculosis complex and common non-tuberculous mycobacteria by multiplex real-time PCR targeting different housekeeping genes."** Current microbiology 65 (5): 493-9. doi:10.1007/s00284-012-0188-2.

Moghim Sharareh, Sarikhani Ensieh, Nasr Esfahani Bahram, Faghri Jamshid. 2012. **"Identification of Nontuberculous Mycobacteria Species Isolated from Water Samples Using Phenotypic and Molecular Methods and Determination of their Antibiotic Resistance Patterns by E- Test Method, in Isfahan, Iran."** Iranian journal of basic medical sciences 15 (5): 1076-82.

Fazzeli Hossein, Arabestani Mohammad Reza, Esfahani Bahram Nasr, Khorvash Farzin, Pourshafie Mohammad Reza, Moghim Sharareh, Safaei Hajieh Ghasemian, et al. 2012. **"Development of PCR-based method for detection of Enterobacteriaceae in septicemia."** Journal of research in medical sciences : the official journal of Isfahan University of Medical Sciences 17 (7): 671-5.

Raeesi Nahid, Gheissari Alaleh, Akrami Marzieh, Moghim Sharareh. 2012. **"Urinary BK Virus Excretion in Children Newly Diagnosed with Acute Lymphoblastic Leukemia."** International journal of preventive medicine 3 (6): 402-7.

Marashi Seyed Mahmoud Amin, Nasr Esfahani Bahram, Tavakoli Akbar, Moghim Sharareh, Pourshafie Mohammad Reza, Salehi Mansoor. 2012. **"Simultaneous Detection of Integrase and Antibiotic Resistance Genes within SXT Constin in Vibrio cholerae O1 El Tor Strains Isolated from Iran Using Multiplex-PCR."** Iranian journal of basic medical sciences 15 (3): 885-9.

Fazeli Hossein, Akbari Reza, Moghim Sharareh, Narimani Tahmineh, Arabestani Mohammad Reza, Ghoddousi Ali Reza. 2012. **"Pseudomonas aeruginosa infections in patients, hospital means, and personnel's specimens."** Journal of research in medical sciences : the official journal of Isfahan University of Medical Sciences 17 (4): 332-7.

Faghri Jamshid, Shahbazzadeh Delavar, Pooshang Bagheri Kamran, Moghim Sharareh, Ghasemian Safaei Hajieh, Nasr Esfahani Bahram, Fazeli Hossein, et al. 2012. **"Two Dimensional Structural Analysis and Expression of a New Staphylococcus aureus Adhesin Based Fusion Protein."** Iranian journal of basic medical sciences 15 (2): 725-38.

Nasr-Esfahani B, Sarikhani E, Moghim Sharareh, Faghri J, Fazeli H, Hoseini N, Rezaei-Yazdi H, et al. 2012. **"Molecular Characterization of Environmental Non-Tuberculous**

**Mycobacteria Using PCR- RFLP Analysis of 441 Bp Heat Shock Protein 65 Fragments."** Iranian journal of public health 41 (4): 108-14.

Kajani Abolghasem Abbasi, Moghim Sharareh, Mofid Mohammad Reza. 2012. "**Enhanced taxane production and secretion from Taxus baccata cell culture by adding dimethylsulfoxide.**" Biotechnology and applied biochemistry 59 (3): 223-7. doi:10.1002/bab.1017.

Kajani Abolghasem Abbasi, Moghim Sharareh, Mofid Mohammad Reza. 2012. "**Optimization of the basal medium for improving production and secretion of taxanes from suspension cell culture of Taxus baccata L.**" Daru : journal of Faculty of Pharmacy, Tehran University of Medical Sciences 20 (1): 54. doi:10.1186/2008-2231-20-54.

## 2011

Allameh Tajossadat, Moghim Sharareh, Asadi-Zeidabadi Maryam. 2011. "**A survey on the prevalence of high-risk subtypes of human papilloma virus among women with cervical neoplasia in Isfahan University of Medical Science.**" Archives of gynecology and obstetrics 284 (6): 1509-13. doi:10.1007/s00404-011-1863-4.

Akbari Vajihe, Moghim Sharareh, Reza Mofid Mohammad. 2011. "**Comparison of Epothilone and Taxol Binding in Yeast Tubulin using Molecular Modeling.**" Avicenna journal of medical biotechnology 3 (4): 167-75.

## 2010

Najafabadi A Sobhani, Mofid M R, Mohammadi R, Moghim Sharareh. 2010. "**Quantification of ergovaline using HPLC and mass spectrometry in Iranian Neotyphodium infected tall fescue.**" Research in pharmaceutical sciences 5 (2): 135-43.

Chalabi M, Rezaie F, Moghim Sharareh, Mogharehabet A, Rezaei M, Mehraban B. 2010. "**Periodontopathic bacteria and herpesviruses in chronic periodontitis.**" Molecular oral microbiology 25 (3): 236-40. doi:10.1111/j.2041-1014.2010.00571.x.

## 2008

Chalabi Maryam, Moghim Sharareh, Mogharehabet Ahamad, Najafi Farid, Rezaie Faranak. 2008. "**EBV and CMV in chronic periodontitis: a prevalence study.**" Archives of virology 153 (10): 1917-9. doi:10.1007/s00705-008-0186-7.

## 2007

Moghim Sharareh, Chalabi M, Abed A Moghareh, Rezaei F, Tamizifar H. 2007. "**Prevalence of Epstein-Barr virus type 1 in patients with chronic periodontitis by nested-PCR.**" Pakistan journal of biological sciences: PJBS 10 (24): 4547-50.

Behjati Mohadeseh, Salehi Mansoor, Moghim Sharareh, Dashti Gholam Reza. 2007. "**Evaluation of TERT mRNA alternative spliced variants in aortic endothelial cells of the rabbit, in the fatty streaks stage of atherosclerosis.**" Acta cardiologica 62 (1): 7-12.

## 2005

Schlender Jörg, Hornung Veit, Finke Stefan, Günthner-Biller Margit, Marozin Sabrina, Brzózka Krzysztof, Moghim Sharareh, et al. 2005. "**Inhibition of toll-like receptor 7- and 9-mediated alpha/beta interferon production in human plasmacytoid dendritic cells by**

**respiratory syncytial virus and measles virus." Journal of virology 79 (9): 5507-15.**  
doi:10.1128/JVI.79.9.5507-5515.2005.

**Most cited paper (in PMC):** Inhibition of toll-like receptor 7- and 9-mediated alpha/beta interferon production in human plasmacytoid dendritic cells by respiratory syncytial virus and measles virus. (85)