**Masjedian' s English C.V**

1- Instructor and responsible for the microbiological laboratory of the Department of Microbiology of the Faculty of Medicine of Iran University of Medical Sciences since 1391-2012

2- Research work in microbiology department of Pasteur Institute of Iran since1998-1999

3- Research work in Cellular and Molecular Research Center of Iran University of Medical Sciences 1991-1995

## Thesis advisor

1- Investigating the effect of very low frequency magnetic fields on the growth rate of Escherichia coli 2000
2- Genetic study of methicillin-resistant *Staphylococcus aureus* by PCR and gel electrophoresis 2002
3- Frequency of cag A gene in *Helicobacter pylori* strains isolated from patients with upper gastrointestinal disorders in Iran 2005
4- Detection of hepatitis C virus in blood of patients with Rt-PCR and comparing it with serum ELISA 2005
5- Molecular analysis of resistance to broad-spectrum antibiotics in *Escherichia coli* and *Klebsiella pneumoniae* 2007
6- Identification of mycoplasma and urea plasma in women with urethral complications - TBC and PCR in Tehran 2008
7- Genetic variation in environmental strains of Vibrio cholera and strains isolated from patients during the years 2008

## Research projects and articles

1- Evaluation of bacteriological quality of drinking water in Tehran 1978
2- The bacteria involved in the formation of the urethra stone 1988
3- Comparison of Ofloxacin and other antibiotic susceptibility to bacteria isolated from patients with urinary tract infection 2000
4- Comparative study of pathogenic bacterial pathogens (aerobic, anaerobic) and fungi in patients with inflammation of middle ear and infections 2001

5- Antiserums, how to produce and use them 2005
6- Frequency of cag A gene in Helicobacter pylori strains isolated from patients with upper gastrointestinal disorder 2005
7- Comparative study of intravenous aminoglycoside therapy with cefixime therapy in urinary tract infections 2006
8- Prevalence of Chlamydia trachomatis infection in Iranian asymptomatic women 2007
9- Prevalence of *Mycoplasmas Hominis* and *Ureaplasma Urealyticum* in Genital Tract Infections 2009

10- Isolation and identification of urogenital patoys in women with genital infections referring to Rasoul-e-Akram Hospital of Tehran University of Medical Sciences by Multiplex PCR 1389

11-Antimicrobial Effects of Aloe Vera and Alcoholic Extract on Shigella and Vibrio Streptomas and Isolated Strains in Tehran Hospitals 1389

12-Investigation of *Mycoplasma Hominis* Vauraea *MycoPlasma Urealyticum* in Semen Type of Infertile Men Referring to Royan Institute 2011

13-Comparison of culture and PCR methods in isolating the presence of *mycoplasma hummus* vavera and *Mycoplasma urealyticum* in semen of the infertile men referring to the Royan Institute in the year 2010

14-Identification of *Mycoplasma Hominis* Vavera *Mycoplasma Urealyticum* in semen of the infertile men referring to the Royan Institute by PCR in year 2011

15-Investigating the role of Class 2 integron in the antibiotic susceptibility pattern of Acinetobacter Bomani isolates isolated from Tehran hospitals 2012

**16-**

Kafilzadeh F, Ramez M, Mirnejad R**, Masjedeyan F** , Tavakoli H . Comparison of culture and PCR medthods for detection of *Actinobacillus actinomycetemcomitans* in periodontal patients . African journal of Microbiology Research 7(4)2010

**17-**

**Faramarz masjedian**, Maryam ramez, Reza mirnejad and Hamed

tavakcoli. Detection of comparison of culture and PCR methods for detection of *Aggregatibacter Actinomycetemcomitans* from periodontal patients and healthy subjects accepted

**18-** S imin rezania,Zarnani,Amirmozaffari,Tabarraei,Jeddi-Tehrani,Zarei, Alizadeh and **Masjedian .** Extraction,Purification and Characterization of lipopolysaccharide from Esherichia coli and Salmonella typhi Journal, Vol, No: Avicenna journal of Medical Biotechnology, vol.3,no1. **2011**

**19-** Salmieh Noorbakhsh, MD Abdolaziz R, Lari, MSc, PhD, Faramarz Masjedian, BSc, Hamid Mostafavi, Reza Alaghehbandan, MD. Camparison of intravenous aminoglycoside therapy with switch therapy to cefixime in uninary tract infections

**20-** R. The prevalence of Chlamydia Trachomatis Infection in Iranian Asymptomatic Women

Nazer M., Nowroozi J., [2]Mirsalehian A., [3]Kazemi B., Moosavi T., MehdizadehA., Rashidan N., Keyhani A, [1]Masjedian F., [1]Razavi S.,[1]Falak

**21-** Extraction, Purification and Characterization of Lipopolysaccharide from Escherichia coli and Salmonella typhi
Simin Rezania , Noor Amirmozaffari , Bahman Tabarraei , Mahmood Jeddi-Tehrani , Omid Zarei , Reza Alizadeh , Faramarz Masjedian , Amir Hassan Zarnani Page 3 **Avicenna Journal of Medical- ISSN 2008-2835 Biotechnology**

**22-** -

**Prevalence and antimicrobial resistance profiles of *Listeria monocytogenes* in spontaneous abortions in humans**

**Lida Lotfollahi[1,2]* Jamileh Nowrouzi[3], Gholamreza Irajian[1], Faramarz Masjedian[1], Bahram Kazemi[4], Laleh Eslamian[5] Arash Falahat[6] and Maryam Ramez[1]**

African Journal of Microbiology Research Vol. 5(14), pp. 1990-1993, 18 July, 2011
DOI: 10.5897/AJMR11.498
ISSN 1996-0808 ©2011 Academic Journals

**23-**

Multi-drug resistance in Acinetobacter baumannii strains isolated from clinical specimens from three hospitals in Tehran-Iran

Sepideh Mostofi -1 1, Reza Mirnejad - * and Faramaz Masjedian

African Journal of Microbiology Research Vol. 5(21), pp. 3579-3982, 9 October, 2011 Available online http://www.academicjournals.org/ajmr
ISSN 1996-0808 '2011 Academic Journals

**24- Species-specific PCR for the Diagnosis and Determination of Antibiotic Susceptibilities of *Brucella* Strains Isolated from Tehran, Iran**

**Gholam Reza Irajian1, Faramarz Masjedian Jazi1, Reza Mirnejad2 , Vahhab Piranfar2, Taghi zahraei salehi3, Noor Amir Mozafari1, Ehsanollah Ghaznavi-rad4, Mahmoud Khormali3**

Iran J Pathol. 2016; Vol.11 No.3, Summer 2016

*1. Dept. of Microbiology, Iran University of Medical Sciences, Tehran. Iran*
*2. Molecular Biology Research Center, Baqiyatallah University of Medical Sciences, Tehran, Iran*
*3. Dept. of Microbiology, Faculty of Veterinary Medicine, University of Tehran, Tehran, Iran*
*4. Dept. of Microbiology and Immunology, Arak University of Medical Sciences, Arak, Iran*

**25- P**
**revalence of proline racemase/ hydroxyproline epimerase gene in human brucella isolates in Iran**

Iman Hashemifar, Faramarz Masjedian Jazi, Abbas Yadegar, Nour Amirmozafari
*Department of Microbiology, School of Medicine, Iran University of Medical Sciences, Tehran, Iran. , amirmozafari@yahoo.com*

**Volume 31, Number 1 (1-2017)** Med J Islam Repub Iran 2017 |
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**26- P**
**REVALENCE OF VIRULENCE ASSOCIATED GENES IN BRUCELLA SPECIES ISOLATED FROM HUMAN AND ANIMAL SOURCES IN IRAN**

**The 17 th International and Iranian Congress of Microbiology**

**23till 25 August 2016 ،Tehran - Iran**

**Iman Hashemifar , Abbas Yadegar , Faramarz Masjedian Jazi , Noor Amir Mozafari**
**Presentation Type: Poster**

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**27-** M olecular prevalence of putative virulence-associated genes in Brucella melitensis and Brucella abortus isolates from human and livestock specimens in Iran

Microbial Pathogenesis ---105(2017)333-339

Corresponding Author: Abbas Yadegar

Co-Authors: Iman Hashemifar, Faramarz Masjedian Jazi, Nour Amirmozafaria

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**28-** Microbial Pathogenesis 109 (2017) 8-14
Molecular investigation of virulence factors of Brucella melitensis and Brucella abortus strains isolated from clinical and non-clinical samples
Reza Mirnejad a, Faramarz Masjedian Jazi b, Shayan Mostafaei , Mansour Sedighi b, *
Molecular Biology Research Center, Baqiyatallah University of Medical Sciences, Tehran, IR Iran
Department of Microbiology, School of Medicine, Iran University of Medical Sciences, Tehran, IR Iran
Researcher in the Rheumatology Research Center, Tehran University of Medical Sciences, IR Iran

Department of Biostatistics, School of Medical Sciences, Tarbiat-Modares University, Tehran, IR Iran

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**29-** M icrobial Pathogenesis 109 (2017) 239-247

Epidemiology of brucellosis in Iran: A comprehensive systematic

review and meta-analysis study
Reza Mirnejad a, Faramarz Masjedian Jazi b, Shayan Mostafaei , Mansour Sedighi , *
Molecular Biology Research Center, Baqiyatallah University of Medical Sciences, Tehran, Iran

Department of Microbiology, School of Medicine, Iran University of Medical Sciences, Tehran, Iran
Rheumatology Research Center, Tehran University of Medical Sciences, Iran
Department of Biostatistics, School of Medical Sciences, Tarbiat-Modares University, Tehran, Iran

**30-**

In vitro synergistic effects of a short cationic peptide and clinically used antibiotics against drug-resistant isolates of *Brucella melitensis*

Zohreh Mohammadi Azad,[1] Hoda Moravej,[2] Mahdi Fasihi-Ramandi,[2] Faramarz Masjedian,[3] Raziyeh Nazari,[1] Reza Mirnejad[2,*] and Mehrdad Moosazadeh Moghaddam[4,*]

Journal of Medical Microbiology May 2017

**31- Real-time PCR and high-resolution melt analysis methods for detection of pathogenic species of *Brucella***

Faramarz Masjedian Jazi, Reza Mirnejad, Vahhab Piranfar, Noor Amir Mozafari, Taghi Zahraei Salehi, Mahmoud Khormali, Mansour Sedighi and Gholam Reza Irajian*

**Journal of Laboratory Medicine** (J Lab Med )2017; 41(6): 325-331

**32-** -Streptococcus pneumoniae Serotyping by a Single Polymerase Chain Reaction–Based Multiplex Assay

Mohammad Shokri Moghadam, MSc, Malihe Talebi, PhD, Faramarz Masjedian, PhD,
Gholamreza Irajian, PhD, and Mohammad Reza Pourshafie, PhD

Infectious Diseases in Clinical Practice • Volume 00, Number 00, Month 2017

**33-** -A comparison of culture and PCR methods for identification of Aggregatibacter actinomycetemcomitans isolated from acute necrotizing ulcerative gingivitis

Maryam Ramez1, Faramarz Masjedian Jazi2 ·, Hamed Tavakoli3, Abazar Pournajaf4, Gholamreza Irajian2, Meysam Hasannejad Bibalan5, Behzad Emadi6, Behrooz Yasini2

Journal of Acute Disease 2018; 7(3):

**34- How phages overcome the challenges of drug resistant bacteria in clinical infections**

…, S Mirkalantari, A Khoshbayan, FM **Jazi** - Infection and drug …, **2020** - ncbi.nlm.nih.gov

Nowadays the most important problem in the treatment of bacterial infections is the appearance of MDR (multidrug-resistant), XDR (extensively drug-resistant) and PDR (pan drug-resistant) bacteria and the scarce prospects of producing new antibiotics. There is …

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**35- Effects of sub-inhibitory concentrations of antibiotics and oxidative stress on the expression of type II toxin-antitoxin system genes in Klebsiella pneumoniae---------29**

…, BS Kalani, R Mohammadzadeh, FM **Jazi** - Journal of global …, **2020** - Elsevier

Objectives Sub-inhibitory concentrations (sub-MICs) of antibiotics reflect the conditions that bacteria encounter in tissues and the natural environment. Sub-MICs of antibiotics can induce stress and alter the expression of different bacterial genes. Bacteria react to stress …

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**36- Biofilm establishment, biofilm persister cell formation, and relative gene expression analysis of type II toxin-antitoxin system in Klebsiella pneumoniae**

…, F Amraei, BS Kalani, A Azarnezhad, FM **Jazi** - Gene Reports, **2020** - Elsevier

The biofilms forming ability in Klebsiella pneumoniae isolates leads to treatment failure and chronic infections through protecting bacteria against antibiotics. Persister cells are a small fraction of the bacterial population that survives by entry into dormancy state after treatment …

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**37- Evaluation of gene expression and protein structural modeling involved in persister cell formation in Salmonella Typhimurium**

N Narimisa, F Amraei, BS Kalani, FM **Jazi** - Brazilian Journal of …, **2020** - Springer
Persisters are phenotypic variants of the bacterial population that survive against lethal doses of bactericidal antibiotics. These phenotypes are created in numerous bacterial species, including those of clinical significance, such as Salmonella Typhimurium. Since …
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**38- Evaluation of the genetic relatedness of Bacteroides fragilis isolates by TRs analysis**

…, M Talebi, T Narimani, N Narimisa, FM **Jazi** - Iranian Journal of …, **2020** - ncbi.nlm.nih.gov
Objective (s): Human gastrointestinal tract harbors a variety of bacteria with vital roles in human health. Bacteroides fragilis is considered one of the dominant constituents of gut microflora which can act as an opportunistic pathogen leading to various diseases, including …
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**39- Molecular characterization of the virulence genes gelE and cylA in the Enterococcus species isolated from clinical samples**

S Rostamzadeh, R Mirnejad, FM **Jazi**, SM Zavaryani… - Meta Gene, **2020** - Elsevier
Abstract Background In recent years, Enterococcus spp. are considered as the most important nosocomial pathogens. Different factors are involved in the pathogenesis of these

bacteria among which hemolysin (hyl) or cytolysin (cylA) and gelatinase (gelE) are the most …
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**40- Combination of Antibiotics—Nisin Reduces the Formation of Persister Cell in *Listeria monocytogenes***

…, R Mohammadzadeh, F **Masjedian Jazi** - Microbial Drug …, **2020** - liebertpub.com
Persister cells are a subpopulation of bacteria with the ability of survival when exposed to
lethal doses of antibiotics, and are responsible for antibiotic therapy failure and infection
recurrences. In this study, we investigated persister cell formation and the role of nisin in …
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**41- Does alternation of Candida albicans TUP1 gene expression affect the progress of symptomatic recurrent vulvovaginal candidiasis?**

…, M Roudbary, FM **Jazi**… - Current Medical …, **2020** - publish.kne-publishing.com
Background and Purpose: Recurrent vulvovaginal candidiasis (RVVC) is one of the most
common gynecological conditions in healthy and diabetic women, as well as antibiotic
users. The present study was conducted to determine the relationship between TUP1 gene …
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**42- Successful Management of Pan-Resistant Acinetobacter baumannii Meningitis without Intrathecal or Intraventricular Antibiotic Therapy in a Neonate**

…, FA Choobdar, M Mashayekhi, FM **Jazi** - Infection & …, **2020** - icjournal.org
Acinetobacter baumannii is one of the most important etiologies of nosocomial infections in
recent years mainly because of increasing in frequency of multidrug and pan-resistant
pathogens. Meningitis caused by this organism is a dilemma; because polymyxins are the …
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### 43- Corrigendum to â Prevalence of Premature Stop Codons (PMSCs) in Listeria monocytogenes isolated from clinical and food samples in Iranâ Gene Rep …

…, BS Kalani, N Khodaei, L Lotfollahi, FM **Jazi** - Gene …, **2020** - eprints.iums.ac.ir
The authors regret< We are very sorry for the awkward mistake. Correction of the issues
published in this corrigendum is the change in the order and names of the authors as well as
their affiliation. Thank you very much for your kind cooperation>. The authors would like to …
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### 44- Evaluation of putative toxin-antitoxins systems in clinical Brucella melitensis in Iran.

S Moradkasani, E Kouhsari, FM **Jazi**… - … disorders drug targets, **2020** - europepmc.org
BACKGROUND: Toxin-antitoxin systems (TAs) are two-component elements, which are
extensive in the bacterial genome and have a regulatory role in many cellular activities
including, growth arrest, survival, biofilm formation, and bacterial persistence. OBJECTIVE …
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**45- Multiple-Locus Variable-Number Tandem-Repeat Analysis Genotyping of Brucella Isolates from Iran**

S Moradkasani, FM **Jazi**, N Sadeghifard… - Clinical …, **2020** - researchgate.net
Background: Brucellosis is considered a main health concern in humans and animals.
Neither familiar molecular methods nor the classical biotyping techniques are acceptable for
subtyping Brucella spp. Loci containing variable number tandem repeats (VNTRs) have …
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**46- The Expression of Type II TA System Genes Following Persister Cell Formation in Pseudomonas Aeruginosa Isolates in The Exponential and Stationary Phases**

RG Zadeh, M Mirshekar, BS Kalani, F **Masjedian**… - 2021 - researchsquare.com
Objectives: Failure of infection therapy in the presence of antibiotics has become a major
problem which has been mostly attributed to the ability of bacterial persister cell formation.
Bacteria use various mechanisms to form persister cells in different phases, among which is …
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**47- Persister cells formation and expression of type II Toxin-Antitoxin system genes in Brucella melitensis (16M) and Brucella abortus (B19)**

F Amraei, N Narimisa - Iranian journal of pathology, **2020** - ncbi.nlm.nih.gov
… Corresponding Information: **Faramarz Masjedian jazi**, Ph.D. of Microbiology, Department of
Medical Microbiology, School of Medicine, Iran University of Medical Sciences, Tehran, Iran,
Email: **Masjedian**.f@iums.ac.ir. Received 2019 Dec 21; Accepted **2020** Jan 30 …
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## 48- Differentiation of Brucella species by repetitive element palindromic PCR

M Amoupour, F Nezamzadeh, FM **Jazi**… - Reviews in Medical …, 2019 - journals.lww.com
Brucellosis is one of the most prevalent zoonotic diseases among animals and humans. It is
a well known fact that the differentiation and rapid typing of Brucella spp. is crucial for the
early detection of infection, prevention of infection progress, and/or introducing treatment …
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## 49-[HTML] Determination of investigation of the link between human and animal Brucella isolates in Iran using multiple-locus variable number tandem repeat method …

S Mirkalantari, F **Masjedian**, A Fateme - Brazilian Journal of Infectious …, 2021 - SciELO Brasil
Background: Epidemiological studies are important tools to assess the diversity of Brucella isolates and to estimate their epidemiological relationship among isolates from different …
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## 50-[PDF] The Expression of Type II TA System Genes Following Persister Cell Formation in Pseudomonas Aeruginosa Isolates in The Exponential and Stationary Phases

RG Zadeh, M Mirshekar, BS Kalani, F **Masjedian**… - 2021 - researchsquare.com
Objectives: Failure of infection therapy in the presence of antibiotics has become a major problem which has been mostly attributed to the ability of bacterial persister cell formation. …
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## 51-[HTML] Antibiotic Susceptibility Pattern and Distribution of Virulence Factors Among Klebsiella pneumoniae Isolated from Healthy Volunteers

A Dalir, S Razavi, M Talebi, F **Masjedian** Jazi… - Iranian Journal of …, 2021 - ijmm.ir
K lebsiella pneumoniae is an opportunistic Gram-negative bacterium associated with hospitals-and community-acquired infections. K. pneumoniae has evolved into two particular …
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## 52-Combination of Antibiotics—Nisin Reduces the Formation of Persister Cell in *Listeria monocytogenes*

…, R Mohammadzadeh, F **Masjedian** Jazi - Microbial Drug …, 2021 - liebertpub.com
Persister cells are a subpopulation of bacteria with the ability of survival when exposed to lethal doses of antibiotics, and are responsible for antibiotic therapy failure and infection …
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## 53-Characterization of bacteriocins produced by Lactobacillus species against adhesion and invasion of Listeria monocytogenes isolated from different samples

RG Zadeh, S Asgharzadeh, A Darbandi… - Microbial …, 2022 - Elsevier
Background Listeria monocytogenes is an important difficult to control and eradicate foodborne
pathogen due to its resistance properties to extreme conditions. Bacteriocins produced …
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## 54-Evaluation of gene expression and protein structural modeling involved in persister cell formation in Salmonella Typhimurium

N Narimisa, F Amraei, BS Kalani, FM Jazi - Brazilian Journal of …, 2021 - Springer
Persisters are phenotypic variants of the bacterial population that survive against lethal doses of bactericidal antibiotics.These phenotypes are created in numerous bacterial species, …
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## 55-[PDF] Biofilm Persister Cell Formation, and Relative Gene Expression Analysis of Type II Toxin-Antitoxin System in Pseudomonas Aeruginosa Strains in the …

RG Zadeh, BS Kalani, MM Ari, M Talebi, S Razavi… - 2021 - researchsquare.com
Chronic and persistent infections and therapy failure are concerning issues in patients with 43 Pseudomonas aeruginosa infections. Presence of persister cells in biofilm considers as …
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## 56-Interesting probiotic traits of mother's milk Lactobacillus isolates; from bacteriocin to inflammatory bowel disease improvement

M Abdi, V Lohrasbi, A Asadi, M Esghaei, FM Jazi… - Microbial …, 2021 - Elsevier

Aims and background Lactobacillus spp. are an important element in breast milk. This component has a beneficial effect on the composition of the intestinal microflora and the intestinal …
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## 57-[HTML] Passive immunization with anti-chimeric protein PilQ/PilA–DSL region IgY does not protect against mortality associated with Pseudomonas aeruginosa sepsis …

K Zamani, G Irajian, AZ Bialvaei, TZ Salehi… - Molecular …, 2022 - Elsevier
Background Pseudomonas aeruginosa sepsis is associated with unacceptably high mortality and, for many of those who survive, long-term morbidity. The aims of this study were to …
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## 58-[HTML] Isolation of persister cells within the biofilm and relative gene expression analysis of type II toxin/antitoxin system in Pseudomonas aeruginosa isolates in …

RG Zadeh, BS Kalani, MM Ari, M Talebi… - Journal of global …, 2022 - Elsevier
Objectives Chronic infections and treatment failure are concerning issues in patients with Pseudomonas aeruginosa infections. Persister cell formation in biofilm is considered a key …
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## 59-[HTML] Mycobacterium tuberculosis and SARS-CoV-2 Coinfections: A Review

N Bostanghadiri, FM Jazi, S Razavi… - Frontiers in …, 2021 - ncbi.nlm.nih.gov
Background Tuberculosis (TB) is still one of the most important causes of death worldwide. The lack of timely attention on TB diagnosis and treatment during the coronavirus disease …
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## 60-[HTML] Genotyping of Listeria monocytogenes isolates by high-resolution melting curve (HRM) analysis of tandem repeat locus

N Narimisa, F Amraei, M Sholeh, S Mirkalantari… - The Brazilian Journal of …, 2022 - Elsevier
Listeria monocytogenes is responsible for causing listeriosis, a type of food poisoning with high mortality. This bacterium is mainly transmitted to humans through the consumption of …
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## 61-[PDF] Sarokhalil Does biofilm formation have different pathways in Staphylococcus aureus? Iran J Basic Med Sci. 2019 Oct; 22 (10): 1147–1152. doi: 10.22038/ijbms …

MT Sarokhalil - new.iums.ac.ir
… Mohammad Shokri Moghadam, Malihe Talebi, **Faramarz Masjedian**, Gholamreza Irajian,
and Mohammad Reza Pourshafie. Streptococcus pneumoniae Serotyping by a Single …
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## 62-[HTML] Successful Management of Pan-Resistant Acinetobacter baumannii Meningitis without Intrathecal or Intraventricular Antibiotic Therapy in a Neonate

S Sayyahfar, FA Choobdar, M Mashayekhi… - Infection & …, 2021 - ncbi.nlm.nih.gov
Acinetobacter baumannii is one of the most important etiologies of nosocomial infections in recent years mainly because of increasing in frequency of multidrug and pan-resistant …
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## 63-understanding onitsvirulence factorsisstill poorly und erstood. The currentstudy wasaimedto determine theprevalence ofvirulence gene ofgelatinase (gelE) …

S INTEHRAN-IRAN - sid.ir
Methods: Inthisdescripti ve-crosssectionalsurvey, 300clinicalspecimenswere collected from BaqiyatallahandMiladhospitals. After identificationofisolatesinspecieslevelusing cultural …
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## 64-Evaluation of putative toxin-antitoxins systems in clinical Brucella melitensis in Iran

S Moradkasani, E Kouhsari, FM Jazi… - … Current Drug Targets …, 2021 - ingentaconnect.com
Background: Toxin-antitoxin systems (TAs) are two-component elements, which are extensive
in the bacterial genome and have a regulatory role in many cellular activities including, …
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## 65-Secondary Klebsiella pneumoniae infection in patients with COVID-19: A systematic review

…, N Rezaei, A Darbandi, F **Masjedian** - … and Infectious Disease, 2023 - Elsevier
This study aims to investigate the development of secondary bacterial infection and risk factors associated with it in critical COVID-19 patients, and to identify the most common

## 66- Prevalence of *Brucella* endocarditis: A systematic review and meta-analysis

…, A Khoshbayan, F **Masjedian** Jazi - Health Science …, 2023 - Wiley Online Library
… The lead author **Faramarz Masjedian** Jazi affirms that this manuscript is an honest, accurate,
and transparent account of the study being reported; that no important aspects of the study …

## 67- Investigating the role of *Bacillus subtilis* type II toxin–antitoxin system in drought stress survival

R Nasehi, F **Masjedian** Jazi… - Journal of Basic …, 2023 - Wiley Online Library
Toxin–antitoxin (TA) systems, present in plasmids and bacterial chromosomes, are widespread
in bacteria such as Bacillus subtilis and are known to be involved in growth regulation, …

## 68-The effect of bacterial composition shifts in the oral microbiota on Alzheimer's disease

MT Moghadam, B Bakhshayesh… - Current Molecular …, 2023 - ingentaconnect.com
Alzheimer's disease (AD), a neurological disorder, despite significant advances in medical science, has not yet been definitively cured, and the exact causes of the disease remain

## 69- Effects of sub-inhibitory concentration of antibiotic and heat stress on the expression of type II TA system genes in Brucella spp.

F Amraei, N Narimisa, S Mirkalantari, S Razavi… - Vacunas, 2023 - Elsevier
Objective Bacteria can react to stress conditions using the Toxin-Antitoxin (TA) system. This study investigated the expression of TA system genes under heat and antibiotic stresses in …

## 70- Potential antibacterial activity and healing effect of topical administration of bone marrow and adipose mesenchymal stem cells encapsulated in collagen-fibrin …

M Mirshekar, H Afkhami, S Razavi, FM Jazi… - Burns, 2023 - Elsevier
Burns injuries are prone to hospital-acquired infections, and Pseudomonas aeruginosa is one of the most common causes of mortality and morbidity in patients with burn injuries. Thus,

Published books :

1- Microbiology for nursing and midwifery

Mehr Publications in association with Boshra Publications year 2008

2- Bacteriological questions series

Mehr Publications in association with Boshra Publications year 2009

3- Practical bacteriology

Mehr Publications in association with Boshra Publications year 2000

4- Microbiology for medical students

Mehr Publications in association with Boshra Publications

2011 year

5-Milk-borne bacteria

Semnan University of Medical Sciences and Health Services.2020.