



### *Curriculum Vitae*

**Full name:** Majid Baserisalehi

**Date of birth :** ۲۷, ۸, ۱۹۵۹

**Place of birth:** Shiraz, Iran

**Marital status:** married

**Address :** Deptt. of microbiology, Islamic Azad University, Kazeroun branch,  
Kazeroun, Iran

**Designation:** Head of Deptt. of Microbiology, Kazeroun University and visiting  
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**Educational qualification:**

Bsc, Msc in Microbiology, Kazeroun and Jahrom Universities, Iran

Ph.D in Microbiology, Pune University, India

**Work Experience:**

Place of work	Country	Course	Year
Lecturer in Dept. of Microbiology, Kazeroun Azad University	Iran	General Microbiology , Food microbiology and Medical Microbiology	۱۲
Lecturer in Deptts. of Microbiology and Environmental Science, University of Pune	India	Anaerobic bacterial infections, Food microbiology ,General microbiology and Biotechnology	۲
Lecturer in Deptts. of Microbiology. Islamic Azad University Fars and research branch	Iran	Metabolism Archaea Microbial physiology	۷

**Language:**

Persian and fluent in English

## **Publications:**

- Baserisalehi, M. Bahador, N. and Kapadnis, B. P. (۲۰۰۴)** A novel method for isolation of *Campylobacter* spp. from environmental samples, involving sample processing and blood and antibiotic free medium. *Journal of Applied Microbiology* ۹۷, ۸۵۳-۸۶۰.
- Baserisalehi, M. Bahador, N., Agustine, S. K., Al. Mahdi, A. Y. and Kapadnis, B. P. (۲۰۰۴)** Enhanced recovery and isolation of *Campylobacter* spp. from water using a novel device. *Journal of Applied Microbiology* ۹۶, ۶۶۴-۶۷۰.
- Baserisalehi, M. Al. Mahdi, A. Y. and Kapadnis, B. P. (۲۰۰۵)** Antimicrobial susceptibility of thermophilic *Campylobacter* spp. isolated from environmental samples. *The Indian Journal of Medical Microbiology*. ۲۳, ۴۸-۵۱.
- Baserisalehi, M. Bahador, N. and Kapadnis, B. P. (۲۰۰۶)** *Campylobacter* : An emerging pathogen. *Reasearch Journal of Microbiology*. ۱, ۲۳-۳۷.
- Baserisalehi, M. Bahador, N. and Kapadnis, B. P. (۲۰۰۶)** Effect of heat and food preservatives on syrvival of thermophilic *Campylobacter* isolates in food products. *Reasearch Journal of Microbiology*. ۱ (۶), ۵۱۲-۵۱۹.
- Baserisalehi, M. Bahador, N. and Kapadnis, B. P. (۲۰۰۷)** Effect of heavy metals and detergents on thermophilic *Campylobacter* spp. Isolated from environmental samples. (۲۰۰۷) *Nature Environment and Pollution Technology*. ۶ (۲), ۳۲۷-۳۳۲.
- Baserisalehi, M. Bahador, N. and Kapadnis, B. P. (۲۰۰۷)**. Isolation and Charactrization of *Campylobacter* spp. from domestic animals and poultry in south of Iran. *Pakistan Journal of Biological Sciences*. ۱۰(۹) ۱۵۱۹-۱۵۲۴.
- Baserisalehi, M. Bahador, N. and Kapadnis, B. P. (۲۰۰۷)** A comparison study on antimicrobial susceptibility of *Campylobacter* spp. isolates from faecal samples of

domestic animals and poultry in India and Iran. *Journal of Biological Sciences*. १ (१)  
१११-११२.

Baserisalehi, M. and Bahador, N. (२००८) A study on relationship of plasmid with antibiotic resistance in thermophilic *Campylobacter* spp. isolates from environmental samples. *Journal of Biotechnology* १(१): ११३-११४.

Bahador, N., Baserisalehi, M., Patil, D. N. and Kapadnis, B. P. (२००९) Distribution of seasonal variation of microbial fecal pollution indicator and pathogenic bacteria in ground water in pune city. *Journal of Nature Environment and Pollution Technology*. ३, ३३१-३३२.

Bhavsar, S. P., Baserisalehi, M and Kapadnis, B. P. (२००९) Effect of gamma radiation on survival of campylobacters in various food samples. *Indian Journal of Medical Microbiology* ४४, ३९-४३.

Bahador, N., Baserisalehi, M., Patil, D. N. and Kapadnis, B. P. (२००९) Seasonal variation of microbial pollution in surface water of Pune city. *Journal of Nature Environment and Pollution Technology*. ४, ९३-९४.

Bahador, N., Baserisalehi, M., Patil, D. N. and Kapadnis, B. P. (२००९). Effect of ultra violet light and pollutants on survival of bacteriophage isolates from environmental samples. *Journal of Nature Environment and Pollution Technology*. १(१) १११-११२.

Bahador, N., Baserisalehi, M., and Kapadnis, B. P. (२००९). Application of phages. *Research Journal of Microbiology*. ४४०-४४३.

Augustine SK, Bhavsar SP, Baserisalehi M, Kapadnis BP (२००९) Isolation, characterization and optimization of antifungal activity of an actinomycete of soil origin. *J Exp Biol* २००९.; ४४(९): १२१-२२.

Ghane, M. Bahador, N. and Baserisalehi, M. (۲۰۱۰). Isolation, identification and characterization of *Campylobacter* spp. Isolates from environmental samples in North Iran. *Journal of Nature, Environment and Pollution Technology*. ۹(۴); ۸۲۳-۸۲۸.

Ghane, M. Bahador, N. Eghbali, M, Baseriselhi. M. (۲۰۱۰). Phenotyping and molecular identification of *Campylobacter* and *Arcobacter* isolated from environmental samples in North of Iran. *Biological Science*. ۴( ۴); ۵۷-۶۸.

Ghane, M. Bahador, N. Baseriselhi, M and M. Eghbali, M.(۲۰۱۱). A comparative study on antimicrobial susceptibility of *Campylobacter* spp. Isolates from fecal samples of domestic animals and poultry in Tonekabon and Shiraz, Iran. *Journal of Paramedical Sciences*. ۲(۲). ۲۱-۲۶

Eghbali, M., Baserisalehi, M. and Bahador, N. (۲۰۱۱). Antimicrobial susceptibility of thermophilic campylobacter spp. Isolated from environmental samples in Tonekabon. *International journal of molecular and clinical microbiology*. ۱: ۲۱-۲۴.

Bahador, N.and Baserisalehi, M. (۲۰۱۱). The effect of *Quercus castaneifolia* on pathogenic enteric bacteria, *Journal of Anaerobe*. ۱۷(۶): ۳۵۸-۳۶۱.

Baserisalehi, M. and Bahador, N. (۲۰۱۱). Chemotactic behaviour of *Campylobacter* spp. At different temperatures ( ۳۷° C and ۴۲ ° C). *Journal of Anaerobe*. ۱۷(۶): ۴۵۹-۴۶۳.

Mosavat, F. Bahador, N. Baserisalehi, M. (۱۳۹۰). Antimicrobial Susceptibility of Linuron and Bentazone on Legume-Rhizobium Symbiosis. *Journal of Microbial knowledge*. ۱۱. ۷-۱۳.

Fatemeh Ahmadi Fakhr, Anita Khanafari, Majid Baserisalehi, Ramin Yaghoobi and Shapour Shahghasempour (۲۰۱۲). An investigation of antileukemia activity of

violacein-loaded dendrimer in Jurkat cell lines. *African Journal of Microbiology Research* Vol. 6(33), pp. 6235-6242.

Pourali, P. Baserisalehi, M. Afsharnezhad, S. Behravan, J. Alavi, H. and Hosseini, BBA (2012). Biological Synthesis of Silver and Gold Nanoparticles by Bacteria in Different Temperatures (37°C and 50°C). *Journal of pure and applied Microbiology*. 6. 2. 757-763.

Pourali, P. Baserisalehi, M., Afsharnezhad, S., Behravan, J., Ganjali, R., Bahador, N. and Arabzadeh, S. (2012). The effect of temperature on antibacterial activity of biosynthesized silver nanoparticles. *Bimetals*. 25(6).

Gholizadeh, S, Baserisalehi, M and Bahador, N. 2013 Study of bioactive compounds produced by soil origin *Brevibacillus* spp *Nature Environment and Pollution Technology*. 1: 29-34

Konanei, M. Baserisalehi, M. and Bahador, N. (2013). Frequency of extended spectrum B-lactamase genes in *Pseudomonas aureginosa* isolates from Shiraz hospital, Iran, *Journal of Isfahan Medical School*, 31(234). 1007-1016.

Bamzadeh, Z. Baserisalehi, M. Bahador, N. and Hejazi, H. (2013). Screening of soil Streptomyces and characterization of their bioactive compounds. *Journal of Health MED*. 4(8); 2293-2230.

Mahmoudnia, F., Bahador, N. Baserisalehi, M. (2013). Isolation, characterization and identification of amylase producing halothermophilic isolates from Howz Soltan Lake. *African journal of Microbiology Research*, 6(36); 4483-4490.

Zahmati, S., Bahador, N. and Baserisalehi, M. (2013). Study on biological decolorization of textile sewage in Kermanshah by microbial isolates from environmental samples. *Nature, Environment and Pollution Technology*. 12 (2); 337-340.

Bahador, N. Baserisalehi, M. Alaei, B. (۲۰۱۲). Study on antimicrobial susceptibility of some common herbicides on soil microbial flora. *Journal of Microbial knowledge*. ۳(۱۲): ۷-۱۲.

Sepideh kamalbeik, Mehran Kouчек, Majid Baserisalehi, fatemeh sfallah, Mohammad Ali Malekan and Haleh Talaie. (۲۰۱۳). Prevalance of *clsB* integrons in multidrug resistant *Acinetobacter baumannii* in toxicological ICU patients in Tehran. *Iranian journal of toxicology*. ۷.

Characterization of bioactive compound produced by *Streptomyces phaeochromogenes* NRRL B-۲۱۲۳. ۲۰۱۳ *Nature, Environment and pollution Technology* .

Jamali Fatima, Baserisalehi, M. and Bahador, N ۲۰۱۴ Antimicrobial activity and chemical screening of propolis extract. *American Journal of Life Sciences*. ۷۲-۷۵.

Modaresi, H. Bahador N, and Baserisalehi, M., ۲۰۱۴. Biodeterioratio of some cultural heritage in Isfahan city, iran. *Nature Environment and Pollution Technology*. ۱۴۱-۱۴۶.

مهسا شریفیان، مجید باصری صالحی و نیما بهادر. ۱۳۹۱. مطالعه رفتار کیموتاکسی باکتری های اشرشیا کلی و سودوموناس ایروجینوزا در حضور عصاره الکلی بلوط. *فصلنامه میکروبیشناسی*.

زهرا بم زاده، مجید باصری صالحی و نیما بهادر. ۱۳۹۱. جداسازی و شناسایی اکتینومیست های تولید کننده متابولیت های ضد میکروبی از خاک مزارع شیراز. *فصلنامه میکروبیشناسی*.

فهیمة محمود نیا، نیما بهادر و مجید باصری صالحی. ۱۳۹۱. مطالعه تعیین ویژگی های آنزیمی باکتری های شدیداً نمک دوست جدا سازی شده از دریاچه حوش سلطن. *فصلنامه میکروبیشناسی*.

نیما بهادر، مجید باصری صالحی و بیتا علایی. ۱۳۹۱ مطالعه اثر برخی سموم علف کش رایج بر فلور میکروبی خاک. دانش میکروبیولوژی.

فروغ مساوات، نیما بهادر و مجید باصری صالحی. ۱۳۹۱. مطالعه اثر ضد میکروبی لینوزون و بتازون بر باکتری های همزیست با گیاهان لگومینوز. دانش میکروبیولوژی..

مریم کونا نی ، مجید باصری صالحی، نیما بهادر . ۱۳۹۲ .  
از بیماران بیمارستانهای شیراز ESBL مطالعه ی مولکولی برخی ژنهای سودوموناس های تولید کننده  
مجله دانشکده پزشکی اصفهان



## **Patents**

**Baserisalehi, M. and Kapadnis, B. P. Developing a simple and cost effective medium for isolation of *Campylobacter* spp. *The Patent Office branch, Government of India*. No. 01/ Mum/2002.**

**Baserisalehi, M. and Kapadnis, B. P. New system for isolation of *Campylobacter* spp. and other motile bacteria without cultivation. *The Patent Office branch, Government of India*. No. 02/ Mum/2002.**

## **Congress**

**Baserisalehi, M. (1998) The third microbiology congress. ( Preparation of media using chemical and synthetic dyes) 22-24 August 2000 Hamadan, Iran.**

**Baserisalehi, M (2003) National Conference on Recent Advances in Plant, (Microbial and Environmental Biotechnology, water pollution in Pavana River) 22- 23 March 2003 Shirur, India,**

**Baserisalehi, M. (2004) First Iranian conference on environmental management, (NPS pollution in water) 18<sup>th</sup> Pune, India.**

**Baserisalehi, M. (2006) The eighth microbiology congress, ( Preparation of media using chemical and synthetic dyes). Esfahan.**

**Baserisalehi, M. (2007) The first national applied microbiology, (Plasmid isolation from *Campylobacter* isolates from environmental samples) 10-11 July Tehran, Iran.**

**Baserisalehi, M. (2009). The II International microbial world Conference, (Motility character and its activity can help isolation of *Campylobacter* from environmental samples) 28 Nov-1 Dec 2008 Sevilla, Spain.**

**Baserisalehi, M. (2009) Microbial Biotechnology, production of energy with using microbes. Kazeroun, Iran.**

**Baserisaleh, M. (2009) First conference on role of microorganism in environment. 2009. effect of nanotechnology on clean up of environment. Islamic Azad university, Fars science and research branch.**

**Baserisalehi, M. and Bahador, N. (2010) XXXIII International SOMED Congress Greece, 6-10.**

Mahmodnia, M., Bahador, N. Baserisalehi, M. Identification and characterization of hyperhalophilic bacteria isolates from Howz Soltan Lake, 1<sup>st</sup> International and 12<sup>th</sup> Iranian Congress of Microbiology, Kermanshah, Iran, May, 23-26, 2011.

Pourali, P.; Baserisalehi, M.; Afsharnezhad, S.; Behravan, J.; Alavi, H.; Ashraf, H.B.B. (2011) Assessment of the effects of biochemical factors on extracellular biosynthesis of silver nanoparticles by the mycelia extracts of some fungal strains. *Clinical Biochemistry*, Volume 44, issue 13), p. S218-S219.

Amani, L., Baserisalehi, M. and Aedi, A (2012) Study on antimicrobial effect of some drug plant extracts on pathogenic *Campylobacter* isolated from poultry. International clinical microbiology. Mashad, Iran.

Bege, F., Baserisalehi, M. and Mobasherizadeh, S. (2012). Antibacterial resistance patterns of bacteria isolated from burn patients in imam mosakazem hospital in Isfahan. . International clinical microbiology congress. Mashad, Iran.

Baserisalehi, M. Sepehri, N and Normohamadi, S. (2012). Determination of drug resistant pattern of pathogenic *Campylobacter* using disk diffusion and E. tests. International clinical microbiology congress. Mashad, Iran.

Baserisalehi, M. shakeri, M and Mokhtari, M. (2012) . Study on nonheat effect of electromagnetic field with 90 Hz on sporulation of *Bacillus anthracis*. International clinical microbiology. Mashad, Iran.

Baserisalehi, M. and Azimi, S (2012). Isolation and molecular identification of *Campylobacter jejuni* from poultry and evaluation of their susceptibility to some drug plant extracts. Internatinal Microbiology congress Ardebil, Iran.

**Baserisalehi, M. and Hosseinpour koochshahi, A. (۲۰۱۲). Characterization of bacteriocins produced by spore former bacteria isolated from soil. Internatinal Microbiology congress Ardebil, Iran.**

**Nasari, F. Zahmati, S.Bahador, N. and Baserisalehi, M. Screening and molecular identification of phosphate solubilizing bacteria from barley and wheat field in Fars Province. ۱۴<sup>th</sup> international Iranian Congress of Microbiology, Tehran, “Iran, ۲۸-۳۰ August ۲۰۱۳**

**Beigi, F. Baserisalehi, M. and .Bahador, N. Evaluation of Acinetobacter spp.isolates from burned patients for harboring plasmid. ۱۴<sup>th</sup> international Iranian Congress of Microbiology, Tehran, “Iran, ۲۸-۳۰ August ۲۰۱۳.**

**Azimi S.Baserisalehi, M. and Bahador, N. Isolation and identification of soil origin Actinomycetes and evaluation of their antimicrobial pigments. ۱۴<sup>th</sup> international Iranian**

**Zahmati, S.Bahador, N. and Baserisalehi, M. Isolation, identification and characterization of decolorizing bacteria from environmental samples. ۱۴<sup>th</sup> international Iranian Congress of Microbiology, Tehran, “Iran, ۲۸-۳۰ August ۲۰۱۳.**

**Bamzadeh, Z. Baserisalehi, M. Bahador, N. Study on antimicrobial spectrum of metabolites produced by soil bacteria against Pathogenic Microorganisms Mashhad , ۲-۴ Oct ۲۰۱۲.**

**Konane, K. Baserisalehi, M. and Bahador, N. Determination of frequency of occurrence of Expand Spectrum Beta Lactam producing Pseudomonas aeruginosa in some hospital in Shiraz .The ۶<sup>th</sup> Iranian congress of clinical microbiology Mashhad , ۲-۴ Oct ۲۰۱۲.**

**Gholizadeh, S. Baserisalehi, M. and Bahador, N. Isolation and phenotypic identification of bacteriocin producing bacteria and determine their antimicrobial spectrum The 6<sup>th</sup> Iranian congress of clinical microbiology. Mashhad , ۲-۴ Oct ۲۰۱۲.**

**Baserisalehi, M. Bahador, N. Hashemi, T. Effect of electromagnetic field on rate of growth and respiration of *Pseudomonas aeruginosa*. The ۱۷<sup>th</sup> National and ۵<sup>th</sup> international Iranian Biology Conference, Kerman, ۴-۸ Sep ۲۰۱۲.**

**Modaresi esfeh., H, Bahador, N., Baserisalehi, M. Isolation and phenotypical identification of fungi incorporated in biodeterioration of historical place in Isfahan. The ۱۷<sup>th</sup> National and ۵<sup>th</sup> international Iranian Biology Conference, Kerman, Sep. ۴-۸ ۲۰۱۲.**

**Eghbali, M. Ghane, m. Baserisalehi, M. and Bahador, N.. A comparative study on antimicrobial susceptibility of *Campylobacter* spp. Isolates from fecal samples of domestic animals and poultry in North and South of Iran. The ۱۳<sup>th</sup> Iranian and the ۲<sup>nd</sup> international congress of microbiology, Ardebil, ۱۴-۱۶ July, ۲۰۱۲**

**Bamzadeh, Z., Baserisalehi, M. and Bahador, N. Hejazi, H. Isolation and Identification of Actinomycetes from Soil and Their Evaluation for Production of Antimicrobial Metabolites Against Some Pathogenic Microorganisms. The ۱۳<sup>th</sup> Iranian and the ۲<sup>nd</sup> international congress of microbiology, Ardebil, ۱۴-۱۶ July, ۲۰۱۲.**

**Baserisalehi, M. and Bahador, N. characterization of bacteriocin produced by spore former bacteria isolated from soil. The ۱۳<sup>th</sup> Iranian and the ۲<sup>nd</sup> international congress of microbiology, Ardebil, ۱۴-۱۶ July, ۲۰۱۲.**

**Baserisalehi, M. and Bahador, N. isolation and molecular identification of *Campylobacter jejuni* from poultry and evaluation of their susceptibility to some drug plant**

extracts. The 13<sup>th</sup> Iranian and the 2<sup>nd</sup> international congress of microbiology, Ardebil, 14-16 July, 2012.

Azime S. Baserisalei, M. Bahador, N. 2013 Study os antimicrobial activity of turmeric and cinnamon 14 international Iranian and congress of microbiology. Tehran, Iran

Azime S. Baserisalei, M. Bahador, N. 2013 Study os antimicrobial activity of turmeric and cinnamon 14 international Iranian and congress of microbiology. Tehran, Iran

Jamali, F. Baserisalei, M. 2013 Evaluation of antimicrobial property of propolis extract against pathogenic bacteria 14 international Iranian and congress of microbiology, Tehran, Iran.

Sharifian m. baserisalehi, M. Bahador, N. 2013 study on chemotactic behavior of P. aeruginosa in present of Qurecus extract Ardebil. Iran

**Research project:**

- ۱- Isolation of Campylobacter from south of Iran.
- ۲- production of biofuel with using sewage.
- ۳- study on chemotaxis of campylobacter.

**Editorial board member and reviewer of the following journals:**

۱. Brazilian journal of Microbiology
۲. American Journal of Food Technology
۳. Research Journal of microbiology
۴. Asian Journal of Animal and Veterinary Advances
۵. Pakistan Journal of Biological sciences
۶. Research journal of Veterinary Sciences
۷. Research Journal of environment sciences

**Honors:**

۱. Second researcher in Kazeroun Azad University, Kazeroun branch, Iran (۲۰۰۵)
۲. The best researcher in Kazeroun Azad University, Kazeroun branch, Iran (۲۰۰۷)
- ۳ The best researcher in Kazeroun Azad University, Kazeroun branch, Iran (۲۰۱۳)

## Biographical Sketch

I am holding BSc, MSc and PhD degrees in Microbiology field. Nowadays, I am in service in Islamic Azad University, Kazeroun branch, Iran as HOD and faculty member of Department of Microbiology. My interest area is bacteriology.