



Rahim Sorouri

Professor – Molecular Microbiology

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- **Marital Status:** Married

EDUCATION

- **Ph.D.** in *Molecular Microbiology*, University of Southampton, Southampton, the UK.
- **M.Sc.** in *Medical Bacteriology*, Tarbiat Modares University, Tehran, Iran.
- **B.Sc.** in *Medical Lab. Sciences*, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

PROFESSIONAL AFFILIATIONS

- President of Pasteur Institute of Iran
- President of Zanzan University of Medical Sciences
- Deputy Secretary of the Biotechnology Development Council, the Vice Presidency for Science and Technology.

- Head of Education and Human Recourse Group, the Biotechnology Development Council, the Vice Presidency for Science and Technology.

MEMBERSHIPS

- Secretariat of the Council for Education of Basic Medical, Health and Specialized Sciences, Ministry of Health.
- The Board of Examiners and Evaluators of Medical Biotechnology and Molecular Medicine.
- The Scientific and Educational Center of Trauma, the Ministry of Health.

SCIENTIFIC PUBLICATIONS

1. Breast cancer targeted/therapeutic with double and triple fusion Immunotoxins
Goleij Z, Hosseini HM, Sedighian H, Behzadi E, Halabian R, **Sorouri R**, Fooladi AA. Breast cancer targeted/therapeutic with double and triple fusion Immunotoxins. The Journal of Steroid Biochemistry and Molecular Biology. 2020 Jun 1;200:105651.
2. Characteristics of Neisseria Species Colonized in the Human's Nasopharynx
Tavana AM, Ataee RA, Jonaidi N, **Sorouri R**. Characteristics of Neisseria Species Colonized in the Human's Nasopharynx. Jundishapur Journal of Microbiology. 2020;13(6):11.
3. The prevalence of virB2 and 16SrRNA genes of Brucella isolated from clinical samples of hospitals, western Iran
Sorouri R, Khadamoradi S, Khaledi A, Abadi AH, Esmaeili D. The prevalence of virB2 and 16SrRNA genes of Brucella isolated from clinical samples of hospitals, western Iran. Iranian journal of public health. 2018 Sep;47(9):1438.
4. Presenting a rapid method for detection of Bacillus cereus, Listeria monocytogenes and Campylobacter jejuni in food samples
Razei A, **Sorouri R**, Mousavi SL, Nazarian S, Amani J, Aghamollaei H. Presenting a rapid method for detection of Bacillus cereus, Listeria monocytogenes and Campylobacter jejuni in food samples. Iranian journal of basic medical sciences. 2017 Sep;20(9):1050.
5. Rapid detection of Campylobacter jejuni by polymerase chain reaction and evaluation of its sensitivity and specificity
Razei A, **Sorouri RA**, Aghamollaei HO, Mousavi SL. Rapid detection of Campylobacter jejuni by polymerase chain reaction and evaluation of its sensitivity and specificity. Avicenna Journal of Clinical Medicine. 2017 Jun 15;24(1):56-62.

6. Fabrication of a Novel Highly Sensitive and Selective Immunosensor for Botulinum Neurotoxin Serotype A Based on an Effective Platform of Electrosynthesized Gold Nanodendrites/Chitosan Nanoparticles
Sorouri R, Bagheri H, Afkhami A, Salimian J. Fabrication of a novel highly sensitive and selective immunosensor for botulinum neurotoxin serotype A based on an effective platform of electrosynthesized gold nanodendrites/chitosan nanoparticles. *Sensors*. 2017 May;17(5):1074.
7. Molecular epidemiology of extended-spectrum beta-lactamase-producing *Klebsiella pneumoniae* strains isolated from children with urinary tract infections
Ranjbar R, Memariani H, **Sorouri R**. Molecular epidemiology of extended-spectrum beta-lactamase-producing *Klebsiella pneumoniae* strains isolated from children with urinary tract infections. *Archives of Pediatric Infectious Diseases*. 2017;5(2):7.
8. Distribution of virulence genes and genotyping of CTX-M-15-producing *Klebsiella pneumoniae* isolated from patients with community-acquired urinary tract infection (CA-UTI)
Ranjbar R, Memariani H, **Sorouri R**, Memariani M. Distribution of virulence genes and genotyping of CTX-M-15-producing *Klebsiella pneumoniae* isolated from patients with community-acquired urinary tract infection (CA-UTI). *Microbial pathogenesis*. 2016 Nov 1;100:244-9.
9. Prevalence of Cep gene of *Brucella* isolated from clinical specimens in hospitals from Kermanshah of Iran
Sorouri R, Khodamoradi S, Khaledi A, Esmaeili D. Prevalence of Cep gene of *Brucella* isolated from clinical specimens in hospitals from Kermanshah of Iran. *Journal of Pure and Applied Microbiology*. 2016 Sep 1;10(3):1871-5.
10. Comparison of the application of allogeneic fibroblast and autologous mesh grafting with the conventional method in the treatment of third-degree burns
Moravvej H, Hormozi AK, Hosseini SN, **Sorouri R**, Mozafari N, Ghazisaidi MR, Rad MM, Moghimi MH, Sadeghi SM, Mirzadeh H. Comparison of the application of allogeneic fibroblast and autologous mesh grafting with the conventional method in the treatment of third-degree burns. *Journal of Burn Care & Research*. 2016 Jan 1;37(1):e90-5.
11. Prevalence of Hepatitis B, Hepatitis C and HIV and Related Risk Factors in Contact Sportsmen in Zanjan: A Letter to Editor
Sorouri R, Zanjani MH, Hajkarim B, Mousavinasab N, Noori M, Sobhani V. Prevalence of Hepatitis B, Hepatitis C and HIV and Related Risk Factors in Contact Sportsmen in Zanjan: A Letter to Editor. *Hepatitis monthly*. 2015 Oct;15(10).
12. Isolation and characterization of *Borrelia burgdorferi* strains from *Ixodes ricinus* ticks in the southern England

- Sorouri R**, Ramazani A, Karami A, Ranjbar R, Guy EC. Isolation and characterization of *Borrelia burgdorferi* strains from *Ixodes ricinus* ticks in the southern England. *BiolImpacts: BI*. 2015;5(2):71.
13. Molecular detection of *Brucella* species in patients suspicious of Brucellosis from Zanjan, Iran
Garshasbi M, Ramazani A, **Sorouri R**, Javani S, Moradi S. Molecular detection of *Brucella* species in patients suspicious of Brucellosis from Zanjan, Iran. *Brazilian Journal of Microbiology*. 2014 Jun;45(2):533-8.
 14. Screening for antibacterial activity of *Streptomyces* species isolated from Zanjan province, Iran
Ramazani A, Moradi S, **Sorouri R**, Javani S, Garshasbi M. Screening for antibacterial activity of *Streptomyces* species isolated from Zanjan province, Iran. *Int J Pharm Chem Biol Sci*. 2013 Apr;3(2):342-9.
 15. Study the genes encoding aminoglycoside-modifying enzymes among clinical isolates of methicillin resistance *Staphylococcus aureus*
Ramazani A, Shokravi Z, Mehrad L, **Sorouri R**, Amirmoghaddami H. The 6th International & 11th National Congress on Quality Improvement in Clinical Laboratory April 20-23, 2013.
 16. Hepatitis E virus seroprevalence in haemodialysis patients in Zanjan Province, Islamic Republic of Iran
Mobaien AR, Mohammadi R, **Sorouri R**, Sadeghi K. Hepatitis E virus seroprevalence in haemodialysis patients in Zanjan Province, Islamic Republic of Iran. *EMHJ-Eastern Mediterranean Health Journal*, 19 (7), 608-612, 2013.
 17. Detection of Brucellosis in high risk individuals referred to medical diagnostic centers in Khodabandeh city with using PCR
Garshasbi M, **Sorouri R**, Ramazani A, Javani S, Moradi S. Detection of Brucellosis in high risk individuals referred to medical diagnostic centers in Khodabandeh city with using PCR. August 2014, *Brazilian Journal of Microbiology* 45(2):533-8
 18. Comparison of seropositivity of HCV between oral lichen planus and healthy control group in Hamedan province (west of Iran)
Ansar A, Zamanian A, Farschian M, **Sorouri R**, Mobaien AR. Porównanie seropozytywnych HCV między pacjentami z liszajem płaskim jamy ustnej a zdrową kontrolną grupą z prowincji Hamedan (zachodni Iran). *Our Dermatology Online*. 2011 Oct 1;2(4):181.
 19. Comparison of seropositivity of HCV between oral lichen planus and healthy control group in Hamedan province (west of Iran)

- Ansar A, Zamanian A, Farschian M, **Sorouri R**, Mobaien AR. Comparison of seropositivity of HCV between oral lichen planus and healthy control group in Hamedan province (west of Iran). *Our Dermatol Online*. 2011;2(4):181.
20. Molecular characterization of Bruton's tyrosine kinase deficiency in 12 Iranian patients with presumed X-linked agammaglobulinemia
Nasseri S, **Sorouri R**, Pourpak Z, Yeganeh M, Aghamohammadi A, Fiorini M, Shahkarami S, Mosallaei M, Rezaei N, Parvaneh N. Molecular characterization of Bruton's tyrosine kinase deficiency in 12 Iranian patients with presumed X-linked agammaglobulinemia. *Journal of investigational allergology & clinical immunology*. 2011 Jan 1;21(7):572-4.
21. Prevalence of *Ureaplasma urealyticum* and *Ureaplasma parvum* in semen of infertile and healthy men
Zeighami H, Peerayeh SN, Yazdi RS, **Sorouri R**. Prevalence of *Ureaplasma urealyticum* and *Ureaplasma parvum* in semen of infertile and healthy men. *International journal of STD & AIDS*. 2009 Jun;20(6):387-90.
22. Rapid detection of *Borrelia burgdorferi* strains by nested polymerase chain reaction
Sorouri R, Ranjbar R, Karami A. Rapid detection of *Borrelia burgdorferi* strains by nested polymerase chain reaction. *Pakistan Journal of Biological Sciences: PJBS*. 2009 Mar 1;12(5):463-6.
23. Evaluation of LAMP (loop-mediated isothermal dna amplification) for molecular detection of salmonella
KARAMI A, MORADI A, **Sorouri R**, AHMADI Z. Evaluation of LAMP (loop-mediated isothermal dna amplification) for molecular detection of salmonella. *FALL 2009* , 17(3): 1-9
24. Use of a MAMA-PCR Method to detect *gyrA* Mutations in Nalidixic Acid-Resistant Clinical Isolates of *Escherichia coli*
Karami A, Naghavi KH, **Sorouri R**, Ranjbar RE, KHALIL PA. Use of a MAMA-PCR method to detect *GyrA* mutations in nalidixic acid resistant clinical isolates of *Escherichia coli*. 2008 , 37(1): 42 - 47
25. Production of full length and splicing form of chymosin using pETexpression system in E-coli and investigation its enzyme activity and preplasmic secretion
Ahmadi Zeydabadi M, Ahmadian G, **Sorouri R**. Production of full length and splicing form of chymosin using pETexpression system in E-coli and investigation its enzyme activity and preplasmic secretion. *Koomesh*. 2008 May 10;9(3):187-94.
26. Use of a MAMA-PCR method to detect *GyrA* mutations in nalidixic acid resistant clinical isolates of *Escherichia coli*

- Karami A, Naghavi KH, **Sorouri R**, Ranjbar RE, KHALIL PA. Use of a MAMA-PCR method to detect GyrA mutations in nalidixic acid resistant clinical isolates of Escherichia coli. (2008): 42-47
27. Polymorphism survey of Btk gene promoter and Tec intron1 regions to find any genotype/phenotype correlation in Iranian XLA patients
Aghamohammadi A, Naseri S, Teimourian S, Pourpak Z, Yeganeh M, **Sorouri R**. Polymorphism survey of Btk gene promoter and Tec intron1 regions to find any genotype/phenotype correlation in Iranian XLA patients. In ALLERGY 2007 Jun 1 (Vol. 62, pp. 484-484).
28. Molecular Survey of Nalidixic Acid Resistance E. coli Isolated from Patients with Urinary Tract Infection in Baqiyatallah Hospital
Jonaidi N, Karami A, **Sorouri R**, Safiri Z, Dalili R. Molecular Survey of Nalidixic Acid Resistance E. coli Isolated from Patients with Urinary Tract Infection in Baqiyatallah Hospital. Journal Mil Med. 2006 Oct 19;8(3):191-6.
29. Rapid detection of toxigenic vibrio cholera O1 using PCR-ENZYME-LINKED immunosorbent assay (PCR-ELISA)
Ahmadi S, Mousavi ML, **Sorouri R**, Salimian J, Karimi A, NAZARIAN S, Amani J. Rapid detection of toxigenic vibrio cholera O1 using PCR-ENZYME-LINKED immunosorbent assay (PCR-ELISA).
SPRING 2006 , 11(1):41 - 50
30. Characteristics of Neisseria species colonized in the human's nasopharynx, Jundishapur J. Microbiol. 2020; 13 (6): 1 [e99915]-11
Tavana AM, Ataee RA, Jonaidi N, **Sorouri R**. Characteristics of Neisseria species colonized in the human's nasopharynx, Jundishapur J. Microbiol. 2020; 13 (6): 1 [e99915]-11.