

Name: Roya Ahmadrajabi

Associate Professor of Medical Bacteriology
Department of Microbiology, Virology, School of Medicine
Medical Mycology and Bacteriology Research Center
Kerman University of Medical Sciences

Address: Department of Microbiology and Virology, Kerman School of Medicine, end of 22-Bahman Street, Kerman, Iran

E.mail: amadrajabi3@yahoo.com or r.ahmadi@kmu.ac.ir

Nationality: Iranian

Education:

(1989-1993): B.Sc., Islamic Azad Kerman University. Microbiology
(1993-1997): M.Sc., Kerman University of Medical Sciences. Medical Bacteriology
(2008-2013): PhD degree in Medical Microbiology, Tarbiat Modares University

Training:

Cloning and Expression Gene, Cell culture procedure, Work with Laboratory animals and real time PCR.

Language:

Persian (Native)
English

Technical:

RNA/DNA extraction, Real time PCR, Cloning and Expression gene, Cell culture, working with laboratory animals

Publications:

Ahmadpoor N, Ahmadrajabi R, Esfahani S, Hojabri Z, Moshafi MH, Saffari F. High-level resistance to erythromycin and tetracycline and dissemination of resistance determinants among clinical enterococci in Iran. Medical Principles and Practice. 2021 Jun 30;30(3):272-6.

Saffari F, Dalfardi MS, Mansouri S, Ahmadrajabi R. Survey for correlation between biofilm formation and virulence determinants in a collection of pathogenic and fecal Enterococcus faecalis isolates. Infection & chemotherapy. 2017 Sep;49(3):176.

Esfahani S, Ahmadrajabi R, Mollaei H, Saffari F. Co-incidence of type II topoisomerase mutations and efflux expression in high fluoroquinolone resistant Enterococcus faecalis isolated from urinary tract infections. Infection and Drug Resistance. 2020 Feb 18:553-9.

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Pebdeni PH, Saffari F, Mollaei HR, Mirshekari TR, Sadat RH, Habibzadeh V, Saeed L, Soodejani MT, Ahmadrajabi R. Increased Risk of Infertility in Women Infected with Human Papillomavirus. *Journal of Reproduction & Infertility*. 2023 Jul;24(3):188.

Sadeghi M, Ahmadrajabi R, Dehesh T, Saffari F. Prevalence of meningococcal carriage among male university students living in dormitories in Kerman, southeast of Iran. *Pathogens and global health*. 2018 Aug 18;112(6):329-33.

Sobhanipoor MH, Ahmadrajabi R, Nave HH, Saffari F. Determination of efflux activity in *Enterococci* by Hoechst accumulation assay and the role of zinc oxide nanoparticles in inhibition of this activity. *BMC microbiology*. 2022 Aug 9;22(1):195.

Ahmadrajabi R, Shakibaie MR, Iranmanesh Z, Mollaei HR, Sobhanipoor MH. Prevalence of mip virulence gene and PCR-base sequence typing of *Legionella pneumophila* from cooling water systems of two cities in Iran. *Virulence*. 2016 Jul 3;7(5):602-9.

Rajabi RA, Mobarez AM, Salmanian AH, Khoramabadi N, Aghababa H. Cloning and Expression of the flagellum subunit gene (*flaA*) of *Legionella pneumophila* in *E. coli* host. In *The First International Congress of Medical Bacteriology* 2011 Sep 6. Tabriz university of medical sciences.

Pebdeni PH, Saffari F, Mirshekari TR, Ashourzadeh S, Soodejani MT, Ahmadrajabi R. Bacteriospermia and its association with seminal fluid parameters and infertility in infertile men, Kerman, Iran: A cross-sectional study. *International journal of reproductive biomedicine*. 2022 Mar;20(3):202.

Ahmadrajabi R, Dalfardi MS, Farsinejad A, Saffari F. Distribution of Ebp pili among clinical and fecal isolates of *Enterococcus faecalis* and evaluation for human platelet activation. *Apmis*. 2018 Apr;126(4):314-9.

Mohabati Mobarez A, Ahmadrajabi R, Khoramabadi N, Salmanian AH. Recombinant flagellin-PAL fusion protein of *Legionella pneumophila* induced cell-mediated and protective immunity against bacteremia in BALB/c mice. *World Journal of Microbiology and Biotechnology*. 2017 Sep; 33:1-1.

Beitdaghar M, Ahmadrajabi R, Karmostaji A, Saffari F. In vitro activity of linezolid alone and combined with other antibiotics against clinical enterococcal isolates. *Wien Med Wochenschr*. 2019 Jun;169(9-10):215-21.

Sobhanipoor MH, Ahmadrajabi R, Karmostaji A, Saffari F. Molecular characterization of nasal methicillin resistant *Staphylococcus aureus* isolates from workers of an automaker company in southeast Iran. *Apmis*. 2017 Oct;125(10):921-6.

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Dad V, Ahmadrajabi R, Esfahani S, Saffari F. Comparative study of *Staphylococcus aureus* from burn patients and healthcare workers in a burn center, Yazd, Iran. *Wiener Medizinische Wochenschrift*. 2022 Sep;172(11):256-60.

Saffari F, Radfar A, Sobhanipoor MH, Ahmadrajabi R. Spa gene-based molecular typing of nasal methicillin-susceptible *staphylococcus aureus* from patients and health-care workers in a dialysis center in southeast Iran. *Pathogens and Global Health*. 2020 Apr 2;114(3):160-3.

Darehkordi H, Saffari F, Mollaei HR, Ahmadrajabi R. Amino acid substitution mutations and mRNA expression levels of the *pbp5* gene in clinical *Enterococcus faecium* isolates conferring high level ampicillin resistance. *Apmis*. 2019 Mar;127(3):115-22.

Saffari F, Darehkordi H, Ahmadrajabi R. Clonal dissemination of high-level gentamicin-resistant isolates of *Enterococcus faecalis* within a university hospital in southeastern Iran. *Wiener Medizinische Wochenschrift* (1946). 2020 Jan 28;171(1-2):18-23.

Janaki F, Ahmadrajabi R, Mirshekari TR, Ashourzadeh S, Safari F. The Effect of Asymptomatic Bacteriospermia on Semen Quality among Infertile Men Referred to Infertility Clinics in Kerman. *Journal of Kerman University of Medical Sciences*. 2021 Sep 1;28(5):486-90.

Abstract and congress:

Faroukh Abazari, Roya Ahmadrajabi: Epidemiology of tuberculosis in Bam (1995-2000)

Kerman-Iran. The XVIIth IEA World Congress of Epidemiology. 21-25 August- 2005, Bangkok, Thailand.

Solaimanizadeh L, solaimanizadeh F, Ahmadrajabi R, miri S, asgary M : Infection in solid – organ transplant recipients. The 1st International Congress of Infection in Transplantation and Cancer. June 10-12, 2008, The Infectious Disease and Tropical Medicine Research Center (IDTMRC), Shaheed Beheshti Medical university.

Solaimanizadeh L, Ahmadrajabi R, solaimanizadeh F: Review of the CMV in renal transplantation. The 1st International Congress of Infection in Transplantation and Cancer. June 10-12, 2008, The Infectious Disease and Tropical Medicine Research Center (IDTMRC), Shaheed Beheshti Medical university.

Solaimanizadeh F, solaimanizadeh L, Ahmadrajabi R: Renal transplantation and UTI. The 1st

International Congress of Infection in Transplantation and Cancer. June 10-12, 2008, The Infectious Disease and Tropical Medicine Research Center (IDTMRC), Shaheed Beheshti Medical university.

Ascary M, Ahmadrajab R, Miri S, seymanizadeh L: Human papillomavirus vaccine as a new way of preventing cervical cancer. The first international gynecology oncology congress under the auspices of IGCS in Mashhad _Iran. Oct 10-12, 2008. Hasheminezhad Hall, Imam Reza Mashhad University.

Ahmadrajab R, Mohabati Mobarez A, Salmanian A.H, Aghababa H: Cloning and expression of the flagellum subunit gene (flaA) of Legionella pneumophila in E.coli host. The first Iranin international congress of medical bacteriology September 5-8, 2011, Tabriz University of Medical Sciences.

Ahmadrajab R, Mohabati Mobarez A, Salmanian A.H, Aghababa H: Cloning and expression of the peptidoglycan associated lipoprotein (PAL) of Legionella pneumophila in E.coli host. 5th Iranin congress of clinical microbiology. November 8-10, 2011, Shiraz University of Medical Sciences & Prof Alborzi clinical microbiology research center.

Mohammad-sadegh Dalfardi, Roya Ahmadrajab, Afsaneh Karmostaji. Survey for virulence determinants in Enterococcus faecalis isolated from clinical specimens by multiplex PCR. Eighth International Laboratory and Clinical Congress and the first National Congress on Basic Medicine and Knowledge Generation. 19-19-2014.

Hossein Darehkordi, Roya Ahmadrajab, Fereshteh Saffari: High level gentamicin resistance (HLGR) among enterococci isolated from clinical specimens in Kerman, Iran. 11th professor Alborzi International congress of Clinical Microbiology. Shiraz. Iran. 21-23 november 2017.

Hossein Darehkordi, Fereshteh Saffari, Roya Ahmadrajab: Prevalence of vancomycin resistant enterococci in clinical isolates in Kerman, Iran. 11th professor Alborzi International congress of

Clinical Microbiology. Shiraz. Iran .21-23 november.2017.

Parastou Heidari Pebdeni, Roya Ahmadrajabi, Fereshteh Saffari, Sareh Ashourzadeh, Toraj Reza Mirshekari, Moslem Taheri Soodejani. "Bacteriospermia and its association with seminal fluid parameters and infertility. 9th Yazd Congress and Student Award on Reproductive Medicine May 13-15, 2021.

Teaching:

Microbiology: Bsc of Laboratory Science, Medicine GP, B.Sc. of nursing, B.Sc. of Midwifery

Systematic Bacteriology: MSc and PhD of Medical Microbiology

Laboratory Methods in Microbiology: MSc and PhD of Medical Microbiology