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Academic Qualification

Certificate / Qualification obtained)	Name of School / Institution	Year obtained	Area of Specialization
Ph.D	Tehran University of Medical Sciences	2019	Medical Bacteriology
MsC	Tehran University of Medical Sciences	2012	Medical Microbiology
BsC	Islamic Azad University of Sanandaj	2010	Microbiology

H index: 20

Member of editorial board of BMC in Microbiology & Infectious Disorders - Drug Targets journal

Research Experiences:

Tuberculosis, Drug resistance, Molecular bacterial genotyping, nosocomial infections and etc.

Animal: Mice-Rat

Molecular: DNA&RNA extraction, PCR, RT-PCR, Real Time-PCR, DNA-DNA hybridization

Selected Papers Presented In International Congress:

1. **Hossein Kazemian**, Reza Mohebi, Sobhan Ghafourian, Aref Shavalipour, Kardan J, Vahid Amini et al. Evaluation of H. pylori infection's effect on the prevalence of Giardiasis in children. 14th International Congress of Microbiology, Tehran, Iran, August 2013
2. Aref Shavalipour, Vali Moridi, Reza Mohebi, **Hossein Kazemian**, Vahid Amini, Parisa Asadolahi, Hamid Hori. Prevalence of parasitic agents causing

- diarrhea in children under ten years of Clinical laboratories isolated city of Ilam. 14th International Congress of Microbiology, Tehran, Iran, August 2013
3. Reza Mohebi, Sobhan Ghafurian, **Hossein Kazemian**, Aref Shavalipour, Evaluation of microbial flora in normal conditions and dusty air in Ilam city, 6th International Iranian Congress Laboratory & Clinic, Jul 2013
 4. Gita Eslami, Hamidreza Hour, **Hossein Kazemian**, Aref Shavalipour, Pouya Amiri. Antibacterial effect of methanolic extracts of *Thymus vulgaris* against *Klebsiella pneumonia* isolated from patients with atypical pneumonia, 6th International Iranian Congress Laboratory & Clinic, Jul 2013
 5. **Hossein Kazemian**, Sobhan Ghafurian, Reza Mohebi, Aref Shavalipour, Hamid Heidari, Pouya Amiri. Antibacterial effect of chamomile on MRSA , ESBL producing *Pseudomonas aeruginosa* and ESBL producing *Escherichia coli*, 6th International Iranian Congress Laboratory & Clinic, Jul 2013
 6. **Hossein Kazemian**, Jalil Kardan, Hamidreza Hour, Hadis Shirkhani, Nabi Karimikhah, Shahab Mansori, Aref Shavalipour. Prevalence and pattern of antimicrobial resistance of agents causing sepsis and bacteremia in patients admitted to Imam Khomeini Hospital in Ilam city (2012-2013). 6th International Iranian Congress Laboratory & Clinic, Jul 2013
 7. **Hossein Kazemian**, Sobhan Ghafurian, Reza Mohebi, Ali Mohamad Jafarian, Ahmad Farajollahi, Amin Akbarian. Aref Shavalipour Prevalence and patterns of antibiotic resistance in bacteria isolated from wound infections in patients admitted to Imam Khomeini Hospital in Ilam city (2012-2013), 6th International Iranian Congress Laboratory & Clinic, Jul 2013
 8. Reza Mohebi , Sobhan Ghafurian, Pouya Amiri, Fataneh Sabzali, Aref
 9. Shavalipour, **Hossein Kazemian**. Gastroenteritis Prevalence in Less Than Ten Years Old Children Referred to Clinical Laboratories in Ilam City. 6th International Iranian Congress Laboratory & Clinic, Jul 2013

International Journals

1. Sadeghifard N, Mohebi R, Sekawi Z, Ghafourian S, **Kazemian H**, Rezaee M. PReVALeNCe OF HePATITIs B VIRUs IN CHRONIC HePATITIs B PATIeNTs. ROMANIAN ARCHIVES. 2012 Jan:53.
2. Shiva Hosseini, Abbas Maleki, Sobhan Ghafourian, Mohammad Reza Fadavi, Hasan Valadbeigi, Parasto Shahmir, **Hossein Kazemian**, Rashid

Ramazanzadeh, Sara Soheili, Iraj Pakzad, Nourkhoda Sadeghifard, Molecular Characterization of AmpC-Lactamases among *Klebsiella pneumoniae* Isolated from Ilam and Tehran Hospitals, from Iran, JOURNAL OF PURE AND APPLIED MICROBIOLOGY., 2013

3. Kardan Yamchi, Jalil, **Hossein Kazemian**, and Mohammad Mehdi Feizabadi. "Surveying the new species of non-tuberculosis mycobacteria in the last 10 years (2003-2013) and reviewing their clinical significance." *Arak Medical University Journal* 17.2 (2014): 50-63.
4. Sobhan Ghafourian, Reza Mohebi, Mitra Rezaei, Mohammad Raftari, Zamberi Sekawi, **Hosein Kazemian**, Aghdas Mohseni, Sajedah Karimi, Nourkhoda Sadeghifard, Comparative analysis of biofilm development among MRSA and MSSA strains, *Roum Arch Microbiol Immunol*. Volume 71 Issue 4 Pages 175-82
5. **Kazemian, H.**, Shavalipour, A., Mohebi, R., Ghafurian, S., Aslani, S., Maleki, A., ... & Sadeghifard, N. (2014). Estimation of the Parasitic Infection Prevalence in Children With *Helicobacter pylori* Infection in Ilam City (2012-2013). *Archives of Pediatric Infectious Diseases*, 2(3).
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7. **Kazemian, Hossein**, Mehri Haeili, Yamchi J. Kardan, Faranak Rezaei, Feyisa S. Gizaw, Fatemeh Zahednamazi, Parviz Mohajeri et al. "Antimycobacterial activity of linezolid against multidrug-resistant and extensively drug-resistant strains of *Mycobacterium tuberculosis* in Iran." *International journal of antimicrobial agents* 45, no. 6 (2015): 668.
8. **Kazemian, Hossein**, Sobhan Ghafourian, Hamid Heidari, Pouya Amiri, Jalil Kardan Yamchi, Aref Shavalipour, Hamidreza Hour, Abbas Maleki, and Nourkhoda Sadeghifard. "Antibacterial, anti-swarming and anti-biofilm formation activities of *Chamaemelum nobile* against *Pseudomonas aeruginosa*." *Revista da Sociedade Brasileira de Medicina Tropical* 48, no. 4 (2015): 432-436.
9. Yamchi, Jalil Kardan, Mehri Haeili, Seifu Gizaw Feyisa, **Hossein Kazemian**, Abdolrazagh Hashemi Shahraki, Fatemeh Zahednamazi, Abbas Ali Imani Fooladi, and Mohammad Mehdi Feizabadi. "Evaluation of efflux pump gene expression among drug susceptible and drug resistant strains of

Mycobacterium tuberculosis from Iran." *Infection, Genetics and Evolution* 36 (2015): 23-26.

10. Zamani, S., M. J. Nasiri, M. Haeili, **H. Kazemian**, D. Darban-Sarokhalil, A. A. Fooladi, and M. M. Feizabadi. "Determination of circulating Mycobacterium tuberculosis strains and transmission patterns among TB patients in Iran, using 15 loci MIRU-VNTR." *International Journal of Mycobacteriology* 4 (2015): 119.
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12. Seifi, Kimia, **Hossein Kazemian**, Hamid Heidari, Fereshteh Rezagholizadeh, Yasaman Saei, Fariba Shirvani, and Hamidreza Hour. "Evaluation of Biofilm Formation Among Klebsiella pneumoniae Isolates and Molecular Characterization by ERIC-PCR." *Jundishapur Journal of Microbiology* 9, no. 1 (2016).
13. **Kazemian, Hossein**, Hamid Heidari, Jalil Kardan Yamchi, Aref Shavalipour, Sobhan Ghafourian, Reza Mohebi, Hamidreza Hour, and Nourkhoda Sadeghifard. "Relationship between Helicobacter pylori Infection and Parasitic Infection in Patients in Ilam." *Infection, Epidemiology and Medicine* 2, no. 2 (2016): 15-17.
14. Amini, Vahid, **Hossein Kazemian**, Jalil Kardan Yamchi, Seifu Gizaw Feeyisa, Saeed Aslani, Aref Shavalipour, Hamidreza Hour, Mohammadneshvan Hoorijani, Mehrdad Halaji, and Hamid Heidari. "Evaluation of the Immunogenicity of Diphtheria Toxoid Conjugated to Salmonella Typhimurium-Derived OPS in a Mouse Model: A Potential Vaccine Candidate Against Salmonellosis." *Iranian Red Crescent Medical Journal* Inpress (2016).
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- susceptibility of Shiga toxin producing *Escherichia coli* isolated from bovine mastitic milk in Tehran, Iran. *Tropical Biomedicine* 34 (2), 295-304
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 27. R Ghanavati, D Darban-Sarokhalil, F Navab-Moghadam, **H Kazemian**. First report of coexistence of AmpC beta-lactamase genes in *Klebsiella pneumoniae* strains isolated from burn patients. *Acta Microbiologica et Immunologica Hungarica*, 1-8
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extensively drug-resistant *Mycobacterium tuberculosis* clinical isolates. *Journal of global antimicrobial resistance*. 2019 Jun 1;17:201-8.

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