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	<p><b>Educational Background</b> and</p> <p>PhD. in Medical Virology 2001 - 2007:</p> <p>Dept. of Virology, Faculty of Medical Sciences, Tarbiat Modares University (Iran)</p> <p>Supervisor: Prof. Farzaneh Sabahi</p> <p>Thesis Title: Using the Real Time RT-PCR and Quantitative Competitive RT-PCR-ELISA Methods for Quantifying the Human Immunodeficiency Virus During the Antiretroviral Treatment.</p>
	<p>MSc in Medical Virology 1999 - 2001:</p> <p><b>Dept. of Virology, Faculty of Medical Sciences, Tarbiat Modares University (Iran)</b></p> <p><b>Prof. Farzaneh Sabahi</b> Supervisor:</p> <p><b>Thesis Title: Lymphocyte Proliferation Assay and the Virus Neutralization Test for</b> <i>Title of Thesis:</i> <b>Measuring Measles-Specific Immunity</b></p>
	<p>BSc in Medical Laboratory Sciences 1994 - 1999:</p>

Dept. of Clinical Laboratory Sciences, Mashhad University of Medical Sciences (Iran)

**Research Interests**

- .Diagnosis of Viral and Bacterial Infectious Diseases by Molecular methods
- **Assessment of Micro RNAs in Viral and Bacterial Infection.**
- **Gene Silencing of Viral and Bacterial agents by siRNA technology.**

**Publications**

1. K., Shafiee, A., Faghihzade, H., Azizi-Jalilian, F. Antigen-Specific **Amel Jamehdar, S.** Proliferation Assay and Virus Neutralization Test for Measurement of Measles-Specific IgM in 15-19 Years Old High School Students in Tehran, Iran. Pakistan Journal of Biological Sciences. 10 (22): 4144-4147. 2007.
2. Development of a sensitive RT-Nested **Amel Jamehdar, S.** Doozandeh, J., Ravanshad, M., et al. of HIV-1 infection. Scientific Journal of Iranian Blood Transfusion Organization. 3 (4): 309-315. 2007.
3. Doozandeh, M., Haji-Abdolbaghi, M., Kazemnejad, A., Edalat, R., **Amel Jamehdar, S.** et al. M., Barkhordari, F., Mahboudi, F. Development of SYBR Green Real Time RT-PCR for Detection of Human Immunodeficiency Type-1 (HIV-1) Viral RNA: Comparison with COBAS LICOR HIV-1 Monitor Test. Journal of Tarbiat Modares University. 10 (2): 43-50. 2008.
4. Doozandeh, M., Hajiabdolbaghi, M., Kazemnejad, A., Mahboudi, F. **Amel Jamehdar, S.** et al. Low, Highly Sensitive and Specific Primer Set for Reverse-Transcriptase PCR Detection of HIV-1 in Infected Patients: Comparison with Standard Primers. Journal of Biological Sciences. 7 (6): 954-958. 2007
5. **Amel Jamehdar S.** Khajeh Karamadini M, Hashemi SA, NaderiNasab M, Meshkat Z, et al. **Detection in the Urinary Tract and Cervical Samples Sent to the Ghaem Hospital (In Persian) in Mashhad. Journal of Obstetrics, Gynaecology and Infertility.**
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7. **Amel Jamehdar, Hadi Sadeghian, Hossein Ayatollahi, Mohammad Reza Keramati, Fatemeh Dnia Avval, Maryam Sheikhi, Gohar Shaghayegh, Bahram Memar.** The association of HIV-1 virus infection with multiple myeloma. Mohammad Indian Journal of Pathology and Microbiology, 54(4): 720 - 724, 2011
8. **Amel Jamehdar, Hadi Saadatmandzadeh, Hossein Eshghi, Mohammad Rahimizadeh, Mojtaba Sankian** et al. Detection of Clostridium tetani by fluorescent amplification based specific hybridization. African Journal of Microbiology Research, 5(30), 5489-5492, 2011
9. **Amel Jamehdar, Mahboobeh Nakhaee Moghadam, Sahar Naderifar, Mohammad Reza Zolfaghari,** et al. Pattern of antibiotic susceptibility and detection of CTX-M-type extended spectrum beta-lactamases (ESBLs) in urinary isolates of Klebsiella pneumoniae in Mashhad. Daneshvar Medicine. 19(96): 29-36. 2012,
10. **Amel Jamehdar, LA Goshayeshi, H Rafatpanah Bayegi, H Sima, A Kazemi, S Erfani, S Abedini, LE** et al. Prevalence of Hepatitis C Virus Genotypes in Mashhad, Northeast Iran. Iranian J Publ Health, 41(9), 56-61. 2012,
11. **Amel Jamehdar, Reza Akhavan, Zahra Meshkat,** et al. Frequency of Mycobacterium

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### Presentations

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Forouzandeh, M., Haji-Abdolbaghi, M., Kazemnejad, A., Mahboudi, F., **Amel-Jamehdar, S. 3-**  
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Forouzandeh, M., Haji-Abdolbaghi, M., Rasoolinejad, M., **Amel-Jamehdar, S. 4-**  
 Enzyme-Linked Immunosorbent Assay for Quantification of Human Immunodeficiency Virus  
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Forouzandeh, M., Haji-Abdolbaghi, M., Edalat, R., Khaje-Karamodini, M. **Amel-Jamehdar, S. 5-**  
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Forouzandeh, M., Haji-Abdolbaghi, M., Meshkat, Z., Darban-Hosseini, M., Naderi-**Amel-Jamehdar, S. 7-**  
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Elena Goshayeshi, Kamran Ghaffarzadegan, Hossein Nomani Genotyping of Hepatitis C Virus  
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Sahaddi, Mahboubeh Mohammadzadeh, Mahdi kouhi Noghondar, **Saeid Amel Jamehdar**, 12-  
Reza Nazeran. Genotyping of carbapenem resistance *Acinetobacter baumannii* in Imam Reza  
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Sahaddi, Leila Ataei, Reza Moharrami, Hosein Oryani. Molecular **Saeid Amel Jamehdar** 13-  
Genotyping of aminoglycoside resistance *Acinetobacter baumannii* in Imam Reza Hospital, Mashhad.

Mohammad Reza Nazeran, Reza Moharrami, Hossein Khoshram **Saeid Amel Jamehdar**, 14-  
Prevalence study of extended-spectrum  $\beta$ -lactamases *Klebsiella pneumoniae* in Imam Reza  
hospital, Mashhad.

**Honors & Awards**

**Membership**

**Administrative Responsibilities**

**Other Skills**