

## CURRICULUM VITAE

(March 2015)

**First name:** Mohammad Mehdi,

**Family name:** Feizabadi

**Faculty position:** Professor in Microbiology

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### **Academic Degrees:**

**Doctorate in Veterinary Medicine:** Graduated from Tehran University in 1989

**Doctor of Philosophy:** Murdoch University, Western Australia 1996

### **Positions:**

**2015:** Member of Advisory Committee for International Affairs, School of Medicine, TUMS

**2014:** Head of Bio-Safety Committee, School of Medicine, TUMS

**2014:** Scientific Secretary of the 15<sup>th</sup> Iranian and International Congress of Microbiology

**2013:** President of the 14<sup>th</sup> Iranian and International Congress of Microbiology

**2013:** Professorship at Kaiserslautern Technical University, Germany

**2012:** President of Iranian Society of Microbiology (continued)

**2011-2014:** Member of Evaluation and Exams Board of Bacteriology, Appointed by the Minister of Health

**2010:** Promoted to Professor in Medical Microbiology

**2008:** President and editor of Iranian Journal of Microbiology (English)

**2007-2009:** Member of Editorial Board of Iranian Journal of Medical Microbiology (Persian)

**2006:** Member of the Board of Iranian Society of Microbiology (continued)

Post-Graduate committee in the School of Medicine

Elected as Vice-President of Iranian Society for Microbiology

**2000-2005:** Director of University International Relations Office

Member of Research Council, Alzahra University

**2005:** Associate Professor in Microbiology, Faculty of Medicine, Tehran University of Medical Science

**2004:** Promoted as Associate Professor in Microbiology

**1998 :** Member of National Committee for Eradication of Tuberculosis

**1996-1998:** Assistant professor in Microbiology, Pasteur Institute of Iran

### **TEACHING ACTIVITIES**

Under graduate students: General Microbiology, Systematic Bacteriology,

Post graduate students: The Genetics of Prokaryotes, Genetic Engineering,

Antibiotics and their mechanisms of resistance, Advanced Microbiology

### **Supervision of post graduate students**

I was the principle supervisor and co-advisor of > 50 post-graduate students who took their thesis with me and got their degrees. They are now working in Iran and other countries

### **Selected papers in ISI and PubMed indexed Journals (2010-2015)**

**H index: 20 (Google Scholar), 16 (SCOPUS)**

1. Rabiee-Faradonbeh M, Darban-Sarokhalil D, **Feizabadi MM**, Alvandi A, Momtaz H, Soleimani N, Gholipour A. Cloning of the Recombinant Cytochrome P450 Cyp141 Protein of Mycobacterium tuberculosis as a Diagnostic Target and Vaccine Candidate. Iran Red Crescent Med J. 2014 Nov 5;16(11):e18001. doi: 10.5812/ircmj.18001. eCollection 2014 Nov
2. Mohajeri P, Farahani A, **Feizabadi MM**, Norozi B. Clonal evolution multi-drug resistant Acinetobacter baumannii by pulsed-field gel electrophoresis. Indian J Med Microbiol. 2015 Jan-Mar;33(1):87-91. doi: 10.4103/0255-0857.148390.
3. Shahraki AH, Cavuşoğlu C, Borroni E, Heidarieh P, Koksalan OK, Cabibbe AM, Hashemzadeh M, Mariottini A, Mostafavi E, Cittaro D, **Feizabadi MM**, Lazarevic D, Yaghmaei F, Molinari GL, Camaggi A, Tortoli E. Mycobacterium celeriflavum sp. nov., a scotochromogenic rapid grower isolated from clinical specimens. Int J Syst Evol Microbiol. 2014 Nov 11. pii: ijs.0.064832-0. doi: 10.1099/ijs.0.064832-0. [Epub ahead of print]

4. Varposhti M, Entezari F, **Feizabadi MM**. Synergistic interactions in mixed-species biofilms of pathogenic bacteria from the respiratory tract. *Rev Soc Bras Med Trop*. 2014 Sep-Oct;47(5):649-52.
5. Raei F, Eftekhari F, **Feizabadi MM**. Prevalence of Quinolone Resistance Among Extended-Spectrum  $\beta$ -Lactamase Producing Uropathogenic *Klebsiella pneumoniae*. *Jundishapur J Microbiol*. 2014 Jun;7(6):e10887. doi: 10.5812/jjm.10887. Epub 2014 Jun 1.
6. Farzam B, Imani Fooladi AA, Izadi M, Hossaini HM, **Feizabadi MM**. Comparison of cyp141 and IS6110 for detection of *Mycobacterium tuberculosis* from clinical specimens by PCR. *J Infect Public Health*. 2014 Oct 7. pii: S1876-0341(14)00143-9. doi: 10.1016/j.jiph.2014.08.005.
7. Haeili M, Fooladi AI, Bostanabad SZ, Sarokhalil DD, Siavoshi F, **Feizabadi MM**. Rapid screening of rpoB and katG mutations in *Mycobacterium tuberculosis* isolates by high-resolution melting curve analysis. *Indian J Med Microbiol*. 2014 Oct-Dec;32(4):398-403. doi: 10.4103/0255-0857.142245.
8. Khosravi AD, Vatani S, **Feizabadi MM**, Abasi Montazeri E, Jolodar A. Application of Pulsed Field Gel Electrophoresis for Study of Genetic Diversity in *Mycobacterium tuberculosis* Strains Isolated From Tuberculosis Patients. *Jundishapur J Microbiol*. 2014 May;7(5):e9963. doi: 10.5812/jjm.9963. Epub 2014 May 1.
9. Ashayeri-Panah M, **Feizabadi MM**, Eftekhari F. Correlation of Multi-drug Resistance, Integron and blaESBL Gene Carriage With Genetic Fingerprints of Extended-Spectrum  $\beta$ -Lactamase Producing *Klebsiella pneumoniae*. *Jundishapur J Microbiol*. 2014 Feb;7(2):e8747. doi: 10.5812/jjm.8747. Epub 2014 Feb 1.
10. Pirouzi A, Bahmani M, **Feizabadi MM**, Afkari R. Molecular characterization of Torque teno virus and SEN virus co-infection with HIV in patients from Southern Iran. *Rev Soc Bras Med Trop*. 2014 May-Jun;47(3):275-9.
11. Vali P, Shahcheraghi F, Seyfipour M, Zamani MA, Allahyar MR, **Feizabadi MM**. Phenotypic and Genetic Characterization of Carbapenemase and ESBLs Producing Gram-negative Bacteria (GNB) Isolated from Patients with Cystic Fibrosis (CF) in Tehran Hospitals. *J Clin Diagn Res*. 2014 Jan;8(1):26-30. doi: 10.7860/JCDR/2014/6877.3916. Epub 2014 Jan 12.
12. Mobarak-Qamsari M, Ashayeri-Panah M, Eftekhari F, **Feizabadi MM**. Integron mediated multidrug resistance in extended spectrum beta-lactamase producing clinical isolates of *Klebsiella pneumoniae*. *Braz J Microbiol*. 2014 Jan 15;44(3):849-54. eCollection 2013.
13. Ashayeri-Panah M, Eftekhari F, Ghamsari MM, Parvin M, **Feizabadi MM**. Genetic profiling of *Klebsiella pneumoniae*: comparison of pulsed field gel electrophoresis

- and random amplified polymorphic DNA. *Braz J Microbiol.* 2013 Dec 10;44(3):823-8. doi: 10.1590/S1517-83822013005000055. eCollection 2013.
14. Nasiri MJ, Rezaei F, Zamani S, Darban-Sarokhalil D, Fooladi AA, Shojaei H, **Feizabadi MM**. Drug resistance pattern of *Mycobacterium tuberculosis* isolates from patients of five provinces of Iran. *Asian Pac J Trop Med.* 2014 Mar;7(3):193-6. doi: 10.1016/S1995-7645(14)60019-5.
  15. Haeili M, Darban-Sarokhalil D, Fooladi AA, Javadpour S, Hashemi A, Siavoshi F, **Feizabadi MM**. *Microbiologyopen.* 2013 Dec;2(6):988-96. doi: 10.1002/mbo3.139. Epub 2013 Oct 28.
  16. Hashemi-Shahraki A, Darban-Sarokhalil D, Heidarieh P, **Feizabadi MM**, Deshmir-Salameh S, Khazaee S, Alavi SM. *Mycobacterium simiae*: a Possible Emerging Pathogen in Iran. *Jpn J Infect Dis.* 2013;66(6):475-9.
  17. Heidarieh P, Hashemi-Shahraki A, Khosravi AD, Zaker-Boustanabad S, Shojaei H, **Feizabadi MM**. *Mycobacterium arupense* infection in HIV-infected patients from Iran. *Int J STD AIDS.* 2013 Jun;24(6):485-7. doi: 10.1177/0956462412472818. Epub 2013 Jul 1.
  18. Haeili M, Ghodousi A, Nomanpour B, Omrani M, **Feizabadi MM**. Drug resistance patterns of bacteria isolated from patients with nosocomial pneumonia at Tehran hospitals during 2009-2011. *J Infect Dev Ctries.* 2013 Apr 17;7(4):312-7. doi: 10.3855/jidc.2604.
  19. Abbasi-Montazeri E, Khosravi AD, **Feizabadi MM**, Goodarzi H, Khoramrooz SS, Mirzaii M, Kalantar E, Darban-Sarokhalil D. The prevalence of methicillin resistant *Staphylococcus aureus* (MRSA) isolates with high-level mupirocin resistance from patients and personnel in a burn center. *Burns.* 2013 Jun;39(4):650-4. doi: 10.1016/j.burns.2013.02.005. Epub 2013 Mar 15.
  20. Tadayon K, Mosavari N, **Feizabadi MM**. An epidemiological perspective on bovine tuberculosis spotlighting facts and dilemmas in Iran, a historically zebu-dominant farming country. *Iran J Microbiol.* 2013 Mar;5(1):1-13.
  21. Ghodousi A, Nomanpour B, Davoudi S, Maleknejad P, Omrani M, Kashef N, Salehi TZ, **Feizabadi MM**. Application of *fnbA* gene as new target for the species-specific and quantitative detection of *Staphylococcus aureus* directly from lower respiratory tract specimens by real time PCR. *Indian J Pathol Microbiol.* 2012 Oct-Dec;55(4):490-5. doi: 10.4103/0377-4929.107787.
  22. Darban-Sarokhalil D, Imani Fooladi AA, Maleknejad P, Bameri Z, Aflaki M, Nomanpour B, Yaslianifard S, Modarresi MH, **Feizabadi MM**. Comparison of smear microscopy, culture, and real-time PCR for quantitative detection of *Mycobacterium tuberculosis* in clinical respiratory specimens. *Scand J Infect Dis.* 2013 Apr;45(4):250-5. doi: 10.3109/00365548.2012.727465. Epub 2012 Oct 31.
  23. Yaslianifard S, Mobarez AM, Fatolahzadeh B, **Feizabadi MM**. Colonization of hospital water systems by *Legionella pneumophila*, *Pseudomonas aeruginosa*, and *Acinetobacter* in ICU wards of Tehran hospitals. *Indian J Pathol Microbiol.* 2012 Jul-Sep;55(3):352-6. doi: 10.4103/0377-4929.101743.
  24. Fard SY, Nomanpour B, Fatolahzadeh B, Mobarez AM, Darban-Sarokhalil D, Fooladi AA, Leeuwen WB, **Feizabadi MM**. Hospital acquired pneumonia: comparison of culture and real-time PCR assays for detection of *Legionella pneumophila* from respiratory specimens at Tehran hospitals. *Acta Microbiol Immunol Hung.* 2012 Sep;59(3):355-65. doi: 10.1556/AMicr.59.2012.3.6.

25. Zamani S, Aflaki M, Fooladi AA, Darban-Sarokhalil D, Bameri Z, Khazaee S, Nasiri MJ, **Feizabadi MM**. MIRU-VNTR analysis of the Mycobacterium tuberculosis isolates from three provinces of Iran. *Scand J Infect Dis*. 2013 Feb;45(2):124-30. doi: 10.3109/00365548.2012.717233. Epub 2012 Sep 6.
26. Ghodousi A, Vatani S, Darban-Sarokhalil D, Omrani M, Fooladi A, Khosaravi A, **Feizabadi MM**. Development of a new DNA extraction protocol for PFGE typing of Mycobacterium tuberculosis complex. *Iran J Microbiol*. 2012 Mar;4(1):44-6. Erratum in: *Iran J Microbiol*. 2012 Jun;4(2):101. Arash G [corrected to Ghodousi A]; Fooldai Aa [corrected to Fooladi A]; Khosaravi Ad [corrected to Khosaravi A].
27. Nomanpour B, Ghodousi A, Babaei T, Jafari S, **Feizabadi MM**. Single tube real time PCR for detection of Streptococcus pneumoniae, Mycoplasma pneumoniae, Chlamydomphila pneumoniae and Legionella pneumophila from clinical samples of CAP. *Acta Microbiol Immunol Hung*. 2012 Jun;59(2):171-84. doi: 10.1556/AMicr.59.2012.2.3.
28. Ashayeri-Panah M, Eftekhari F, **Feizabadi MM**. Development of an optimized random amplified polymorphic DNA protocol for fingerprinting of Klebsiella pneumoniae. *Lett Appl Microbiol*. 2012 Apr;54(4):272-9. doi: 10.1111/j.1472-765X.2012.03203.x. Epub 2012 Jan 24.
29. Asadollahi K, Alizadeh E, Akbari M, Taherikalani M, Niakan M, Maleki A, Asadollahi P, Soroush S, **Feizabadi MM**, Emaneini M. The role of bla(OXA-like carbapenemase) and their insertion sequences (ISS) in the induction of resistance against carbapenem antibiotics among Acinetobacter baumannii isolates in Tehran hospitals. *Roum Arch Microbiol Immunol*. 2011 Oct-Dec;70(4):153-8.
30. Nomanpour B, Ghodousi A, Babaei A, Abtahi H, Tabrizi M, **Feizabadi M**. Rapid, cost-effective, sensitive and quantitative detection of Acinetobacter baumannii from pneumonia patients. *Iran J Microbiol*. 2011 Dec;3(4):162-9.
31. Shahcheraghi F, Abbasalipour M, **Feizabadi M**, Ebrahimipour G, Akbari N. Isolation and genetic characterization of metallo- $\beta$ -lactamase and carbapenemase producing strains of Acinetobacter baumannii from patients at Tehran hospitals. *Iran J Microbiol*. 2011 Jun;3(2):68-74.
32. Mohammadi-Mehr M, **Feizabadi M**. Antimicrobial resistance pattern of Gram-negative bacilli isolated from patients at ICUs of Army hospitals in Iran. *Iran J Microbiol*. 2011 Mar;3(1):26-30.
33. Darban-Sarokhalil D, Fooladi AA, Bameri Z, Nasiri MJ, **Feizabadi MM**. Cytochrome CYP141: A new target for direct detection of Mycobacterium tuberculosis from clinical specimens. *Acta Microbiol Immunol Hung*. 2011 Sep;58(3):211-7.
34. Shojaei H, Heidarieh P, Hashemi A, **Feizabadi MM**, Daei Naser A. Species identification of neglected nontuberculous mycobacteria in a developing country. *Jpn J Infect Dis*. 2011 Jul;64(4):265-71
35. Mosavari N, **Feizabadi MM**, Jamshidian M, Shahpouri MR, Forbes KJ, Pajoochi RA, Keshavarz R, Taheri MM, Tadayon K. Molecular genotyping and epidemiology of Mycobacterium bovis strains obtained from cattle in Iran. *Vet Microbiol*. 2011 Jul 5;151(1-2):148-52. Epub 2011 Feb 24.
36. Shojaei H, Hashemi A, Heidarieh P, **Feizabadi MM**, Ataei B, Daei-Naser A. First Report on Isolation and Molecular Characterization of Clinical Mycobacterium setense Isolates in Asia. *Jpn J Infect Dis*. 2011 May;64(3):234-6.
37. Shahsavan S, Jabalameli L, Maleknejad P, Aligholi M, Imaneini H, Jabalameli F, Halimi S, Taherikalani M, Khoramian B, Eslampour MA, Feizabadi MM,

- Emaneini M. Molecular analysis and antimicrobial susceptibility of methicillin resistant *Staphylococcus aureus* in one of the hospitals of Tehran University of Medical Sciences: High prevalence of sequence type 239 (ST239) clone. *Acta Microbiol Immunol Hung*. 2011 Mar;58(1):31-9.
38. Heidarieh P, Shojaei H, Hashemi A, Feizabadi MM, Daei-Naser A, Ataei B. First report of isolation of *Mycobacterium elephantis* from bronchial lavage of a patient in Asia. *JRSM Short Rep* 2011 vol. 2 no. 4 26
  39. **Feizabadi MM**, Ghodousi A, Nomanpour B, Omrani M, Shahcheraghi F. Development of a modified DNA extraction method for pulsed-field gel electrophoresis analysis of *Staphylococcus aureus* and enterococci without using lysostaphin. *J Microbiol Methods*. 2011 Jan;84(1):144-6. Epub 2010 Nov 13.
  40. **Feizabadi MM**, Mahamadi-Yeganeh S, Mirsalehian A, Mirafshar SM, Mahboobi M, Nili F, Yadegarinia D. Genetic characterization of ESBL producing strains of *Klebsiella pneumoniae* from Tehran hospitals. *J Infect Dev Ctries*. 2010 Oct 28;4(10):609-15.
  41. Shahcheraghi F, Nikbin VS, **Feizabadi MM**. Identification and genetic characterization of metallo-beta-lactamase-producing strains of *Pseudomonas aeruginosa* in Tehran, Iran. *New Microbiol*. 2010 Jul;33(3):243-8.
  42. Malekjamshidi MR, Shahcheraghi F, **Feizabadi MM**. Detection and PFGE analysis of ESBL-producing isolates of *Proteus* species isolated from patients at Tehran hospitals. *Med Sci Monit*. 2010 Oct 1;16(10):BR327-32.
  43. **Feizabadi MM**, Majnooni A, Nomanpour B, Fatolahzadeh B, Raji N, Delfani S, Habibi M, Asadi S, Parvin M. Direct detection of *Pseudomonas aeruginosa* from patients with healthcare associated pneumonia by real time PCR. *Infect Genet Evol*. 2010 Dec;10(8):1247-51. Epub 2010 Aug 20.
  44. Akbari M, Niakan M, Taherikalani M, **Feizabadi MM**, Azadi NA, Soroush S, Emaneini M, Abdolkarimi A, Maleki A, Hematian A. Rapid identification of Iranian *Acinetobacter baumannii* strains by single PCR assay using BLA oxa-51 - like carbapenemase and evaluation of the antimicrobial resistance profiles of the isolates. *Acta Microbiol Immunol Hung*. 2010 Jun;57(2):87-94.
  45. Shahcheraghi F, Badmasti F, **Feizabadi MM**. Molecular characterization of class 1 integrons in MDR *Pseudomonas aeruginosa* isolated from clinical settings in Iran, Tehran. *FEMS Immunol Med Microbiol*. 2010 Apr;58(3):421-5. Epub 2009 Nov 24.
  46. **Feizabadi MM**, Delfani S, Raji N, Majnooni A, Aligholi M, Shahcheraghi F, Parvin M, Yadegarinia D. Distribution of bla(TEM), bla(SHV), bla(CTX-M) genes among clinical isolates of *Klebsiella pneumoniae* at Labbafinejad Hospital, Tehran, Iran. *Microb Drug Resist*. 2010 Mar;16(1):49-53.