

Curriculum vitae

1- Personal information

First name: Davood **Last name:** Kalantar-Neyestanaki
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2- Academic Qualifications

2-1- Lab Medical Technology (BSc), Tabriz University of Medical Sciences, Tabriz, Iran (2007).

2-2- Medical Microbiology (MSc), Kerman University of Medical Sciences, Kerman, Iran (2010).

2-3- Medical Bacteriology (Ph.D.), Tehran University of Medical Sciences, Tehran, Iran (2014).

3- Academic Position

3-1- Associate Professor, Department of Medical Microbiology (Bacteriology and Virology) Afzalipour Faculty of Medicine, Kerman University of Medical Sciences (KMU), Kerman, Iran.

3-2- Head of Medical Mycology and Bacteriology Research Center, Kerman University of Medical Sciences, Kerman, Iran.

4- Lab Experience or Skills

4-1- Mechanism of Antimicrobial resistance and Detection of ESBLs, MBLs, AmpC, MRSA, ... bacteria by phenotypic and molecular methods.

4-2- Biofilm formation, MBIC, MBEC, MIC, and MBC

4-2- PCR, PCR-RFLP, RAPD-PCR, ERIC-PCR, Real time-PCR, HRM, MLVA, MLST, DNA Sequencing (PCR products), PFGE, and

4-3- Some bioinformatics tools and software

4-4- Clinical and Medical Microbiology

4-5- Molecular Diagnostics of Infectious Diseases

4-6- Bacterial Molecular typing

5- Lectures

5-1- Evaluation of Resistance to Imipenem among *Klebsiella pneumoniae*, *Escherichia coli* and *Pseudomonas aeruginosa* Producing Extended Spectrum β -lactamase Isolated from Kerman, Iran. *10th International Iranian congress of Microbiology, Ilam, Iran.* (2009).

5-2- Evaluation of intrinsic and acquired mechanisms of resistance to β -lactam antibiotics in *Pseudomonas aeruginosa* isolated from Cystic Fibrosis patients. *16th International Iranian congress of Microbiology, Tehran, Iran.* (2015).

5-3- Genomic comparison of two vancomycin-resistant *Staphylococcus aureus* isolates from Kerman, Iran. *18th International Iranian congress of Microbiology, Tehran, Iran.* (2017).

6. International Collaboration

Engaged in collaborative research projects with Universidad Autónoma de Nuevo León, Mexico, contributing (Collaborated with Dr. José Rubén Moronez Ramírez);

6-1- Tabatabaeifar F, Isaei E, **Kalantar-Neyestanaki D***, Morones-Ramírez JR. *Antimicrobial and Antibiofilm Effects of Combinatorial Treatment Formulations of Anti-Inflammatory Drugs—Common Antibiotics against Pathogenic Bacteria. Pharmaceutics. 2023;15(1):4.*

6-2- **Kalantar-Neyestanaki D**, Mansouri S, Tadjrobehkar O, Pardakhty A, Tabatabaeifar F, Morones-Ramírez JR, Jamali Z, Isaei E. *High prevalence of multi-drug resistant and different SCCmec types among coagulase-negative Staphylococci spp. collected from clinical samples and skin of healthcare workers in Kerman, Southeast Iran. Gene Reports. 2022;26:101428.*

7- International Collaborative Research Initiatives with Universidad Autónoma de Nuevo León, Mexico:

7-1- Antibiofilm effects of corticosteroid and non-steroids anti-inflammatory drugs combined with current antibiotics against *Staphylococcus aureus* and *Pseudomonas aeruginosa*

7-2- Simultaneous detection of five infectious viruses in respiratory infection: nCovid-19, influenza A, B, H1N1, H3N2 by multiplex Real time-PCR method

7-3- Investigation of drug resistance profile, effects of anti-inflammatory drugs and the niosomal form of ciprofloxacin and gentamicin on biofilm formation in

coagulase-negative staphylococci isolated from patients and staffs in Afzalipour Kerman Hospital

8- Publications

*: Correspondence

1. Dokhani A, Kheirkhah B, **Kalantar-Neyestanaki D**, Rokhbakhsh-Zamin F, Dolatabadi M, Ahmadzadeh S. Removal of *Staphylococcus aureus* using electro-fenton, UV/H₂O₂, and combination of electro-fenton and UV/H₂O₂ processes; optimization of operational parameters. *Applied Water Science*. 2024 May;14(5):1-9.
2. Pirmoradi Z, Nakhaie M, Ranjbar H, **Kalantar-Neyestanaki D**, Kohlmeier KA, Asadi-Shekaari M, Hassanshahi A, Shabani M. Resveratrol and 1, 25-dihydroxyvitamin D decrease Lingo-1 levels, and improve behavior in harmaline-induced Essential tremor, suggesting potential therapeutic benefits. *Scientific Reports*. 2024;14(1):9864.
3. Malakootian M, Asadzadeh SN, Mehdipoor M, **Kalantar-Neyestanaki D**, Firouzeh N. *Stevia rebaudiana* leaf extract mediated green synthesis of cerium oxide nanoparticles for antibacterial activity and photocatalytic degradation of tetracycline. *Desalination and Water Treatment*. 2024;317:100126.

4. Dehdashti S, Mohseni P, Ghanbarpour R, Aslani S, Moradiyan MS, **Kalantar-Neyestanaki D***. The emergence of carbapenem-resistance and New Delhi metallo- β -lactamase-1 (blaNDM-1) among *Salmonella* spp. in Kerman, Iran. *Iranian Journal of Microbiology*. 2024;16(1):29-38.
5. Shiri MA, Faraji M, Hashemi M, Amiri H, **Kalantar-Neyestanaki D**. The efficiency of the microbial fuel cell reactor in biodegradation of methyl tertiary butyl ether and electricity generation from wastewater: Effects of co-substrate, surfactant, and membrane changes. *International Journal of Hydrogen Energy*. 2024;50:1559-72.
6. Sarani M, Roostae M, Adeli-Sardou M, **Kalantar-Neyestanaki D**, Mousavi SA, Amanizadeh A, Barani M, Amirbeigi A. Green Synthesis of Ag and Cu-Doped Bismuth Oxide Nanoparticles: Revealing Synergistic Antimicrobial and Selective Cytotoxic Potentials for Biomedical Advancements. *Journal of Trace Elements in Medicine and Biology*. 2024(81):127325.
7. Barani M, Paknia F, Roostae M, Kavyani B, **Kalantar-Neyestanaki D**, Ajalli N, Amirbeigi A. Niosome as an Effective Nanoscale Solution for the Treatment of Microbial Infections. *BioMed Research International*. 2023;2023.

8. **Kalantar-Neyestanaki D**, Mansouri S, Tadjrobehkar O, Isaei E. The frequency of adherence, biofilm-associated, Arginine Catabolic Mobile element genes, and biofilm formation in clinical and healthcare worker coagulase-negative staphylococci isolates. *BMC microbiology*. 2023;23(1):222.
9. Nakhaie M, Taheri E, Charostad J, Arefinia N, **Kalantar-Neyestanaki D**, Ahmadpour F, et al. Prevalence of Hepatitis C Virus and Its Occult Infection in Hemodialysis Patients. *Jundishapur Journal of Microbiology*. 2023;6(5):e136504.
10. Tabatabaeifar F, Isaei E, **Kalantar-Neyestanaki D***, Morones-Ramírez JR. Antimicrobial and Antibiofilm Effects of Combinatorial Treatment Formulations of Anti-Inflammatory Drugs—Common Antibiotics against Pathogenic Bacteria. *Pharmaceutics*. 2023;15(1):4.
11. Barani M, Fathizadeh H, Arkaban H, **Kalantar-Neyestanaki D**, Akbarizadeh MR, Turki Jalil A, Akhavan-Sigari R. Recent Advances in Nanotechnology for the Management of *Klebsiella pneumoniae*—Related Infections. *Biosensors*. 2022;12(12):1155.
12. Hadavi I, Hashemi M, Asadikaram G, **Kalantar-Neyestanaki D**, Hosseininassab A, Darijani T, Faraji M. Investigation of SARS-CoV-2 Genome

in the Indoor Air and High-Touch Surfaces. International Journal of Environmental Research. 2022;16(6):103.

13.Zandi M, Shafaati M, **Kalantar-Neyestanaki D**, Pourghadamyari H, Fani M, Soltani S, Kaleji H, Abbasi S. *The role of SARS-CoV-2 accessory proteins in immune evasion. Biomedicine & Pharmacotherapy. 2022 :113889.*

14.Faridi A, Amanizadeh A, Ayatollahi Mosavi SA, Salari S, **Kalantar-Neyestanaki D**, Sharifynia S, Agha Kuchak Afshari S. *Molecular discrimination and antifungal susceptibility profile of cryptic Candida albicans complex species isolated from patients in Iran. Iran J Microbiol. 2022;14(3):423-429.*

15.Asadi Z, Ghanbarpour R, **Kalantar-Neyestanaki D**, Alizade H. *Determination of extended-spectrum β -lactamase producing and hybrid pathotypes of Escherichia coli isolates from diarrheic samples. Gene Reports. 2022 2:101583.*

16.**Kalantar-Neyestanaki D**, Mansouri S, Tadjrobehkar O, Pardakhty A, Tabatabaeifar F, Morones-Ramírez JR, Jamali Z, Isaei E. *High prevalence of multi-drug resistant and different SCCmec types among coagulase-negative Staphylococci spp. collected from clinical samples and skin of healthcare workers in Kerman, Southeast Iran. Gene Reports. 2022;26:101428.*

17. Barani M, Zeeshan M, **Kalantar-Neyestanaki D**, Farooq MA, Rahdar A, Jha NK, Sargazi S, Gupta PK, Thakur VK. Nanomaterials in the management of gram-negative bacterial infections. *Nanomaterials*. 2021;11(10):2535.
18. Khazaeli P, Ranjbar M, Ahmadi Zeidabadi M, **Kalantar-Neyestanaki D**, Razavi R, Ziasistani M, Amiri M. Investigation of antibacterial and cytotoxicity effect of green synthesized TiO₂ nanocomposites, an experimental and theoretical study. *Iranian Journal of Chemistry and Chemical Engineering (IJCCE)*. 2021 Sep 28.
19. Ghaioomy R, Tabatabaeifar F, Mozafarinia K, Mianroodi AA, Isaei E, Morones-Ramírez JR, Afshari SA, **Kalantar-Neyestanaki D***. Biofilm formation and molecular analysis of intercellular adhesion gene cluster (*icaABCD*) among *Staphylococcus aureus* strains isolated from children with adenoiditis. *Iranian Journal of Microbiology*. 2021;13(4):458.
20. Aslani S, Kiaei S, Afgar A, Morones-Ramírez JR, Aratboni HA, Faridi A, Rivera-Mackintosh LR, **Kalantar-Neyestanaki D***. Determination of incompatibility group plasmids and copy number of the *bla*NDM-1 gene in carbapenem-resistant *Klebsiella pneumoniae* strains recovered from different hospitals in Kerman, Iran. *Journal of Medical Microbiology*. 2021 ;70(5):001361.

21. Malakootiana M, Asadzadehc SN, Mehdipoora M, **Kalantar-Neyestanaki D**.

A new approach in photocatalytic degradation of tetracycline using biogenic zinc oxide nanoparticles and peroxymonosulfate under UV. DESALINATION AND WATER TREATMENT. 2021;222:302-12.

22. Asadzadeh SN, Malakootian M, Mehdipoor M, **Neyestanaki DK**. The

removal of tetracycline with biogenic CeO₂ nanoparticles in combination with US/PMS process from aqueous solutions: kinetics and mechanism. Water Science and Technology. 2021;83(6):1470-82.

23. Mojaz-Dalfardi N, **Kalantar-Neyestanaki D**, Hashemizadeh Z, Mansouri S.

Comparison of virulence genes and phylogenetic groups of Escherichia coli isolates from urinary tract infections and normal fecal flora. Gene Reports. 2020:100709.

24. Mollaei HR, Afshar AA, **Kalantar-Neyestanaki D**, Fazlalipour M, Aflatoonian

B. Comparison five primer sets from different genome region of COVID-19 for detection of virus infection by conventional RT-PCR. Iranian Journal of Microbiology. 2020;12(3):185-93.

25. Pahlavanzadeh F, **Kalantar-Neyestanaki D**, Motamedifar M, Mansouri S.

Focus: Skin: In vitro Reducing Effect of Cloxacillin on Minimum Inhibitory Concentrations to Imipenem, Meropenem, Ceftazidime, and Cefepime in

Carbapenem-resistant Pseudomonas aeruginosa Isolates. The Yale Journal of Biology and Medicine. 2020;93(1):29.

26. Hashemizadeh Z, Bazargani A, **Kalantar-Neyestanaki D**, Mohebi S, Hadi N. *Determining spa-type of methicillin-resistant Staphylococcus aureus (MRSA) via high-resolution melting (HRM) analysis, Shiraz, Iran. BMC Research Notes. 2020;13(1):1-4.*
27. Hashemizade Z, Mohebi S, **Kalantar-Neyestanaki D**, Mansouri S, Hosseini-Nave H, Bazargani A. *Prevalence of plasmid-mediated quinolone resistance and ESBLs genes in Escherichia coli isolated from urinary tract infections and fecal samples in Southeast Iran. Gene Reports. 2019:100487.*
28. Emaneini M, **Kalantar-Neyestanaki D**, Jabalameli L, Hashemi M, Beigverdi R, Jabalameli F. *Molecular analysis and antimicrobial resistance pattern of distinct strains of Pseudomonas aeruginosa isolated from cystic fibrosis patients in Iran. Iranian Journal of Microbiology. 2019;11(2):98-107.*
29. Hamzehee S, **Kalantar-Neyestanaki D**, Mohammadi MA, Nasibi S, Mousavi SA. *Identification of Candida spp. isolated from oral mucosa in patients with leukemias and lymphomas in Iran. Iranian journal of microbiology. 2019 ;11(2):114.*

30. Ziasistani M, Shakibaie MR, **Kalantar-Neyestanaki D***. Genetic characterization of two vancomycin-resistant *Staphylococcus aureus* isolates in Kerman, Iran. *Infection and drug resistance*. 2019;12:1869.
31. Pahlavanzadeh F, **Kalantar-Neyestanaki D**, Motamedifar M, Savari M, Mansouri S. First detection of insertion sequences ISpa1635 and IS1411 among non-carbapenemase producing strains of *Pseudomonas aeruginosa* in Kerman, Iran. *Gene Reports*. 2019 Jun 1;15:100373.
32. Kiaei S, Moradi M, Hosseini-Nave H, Ziasistani M, **Kalantar-Neyestanaki D***. Endemic dissemination of different sequence types of carbapenem-resistant *Klebsiella pneumoniae* strains harboring blaNDM and 16S rRNA methylase genes in Kerman hospitals, Iran, from 2015 to 2017. *Infection and drug resistance*. 2019;12:45.
33. Kiaei S, Moradi M, Nave HH, Hashemizadeh Z, Taati-Moghadam M, **Kalantar-Neyestanaki D***. Emergence of co-existence of bla NDM with rmtC and qnrB genes in clinical carbapenem-resistant *Klebsiella pneumoniae* isolates in burning center from southeast of Iran. *Folia microbiologica*. 2019 Jan 15;64(1):55-62.
34. Seyedi-Marghaki F, **Kalantar-Neyestanaki D**, Saffari F, Hosseini-Nave H, Moradi M. Distribution of Aminoglycoside-Modifying Enzymes and

Molecular Analysis of the Coagulase Gene in Clinical Isolates of Methicillin-Resistant and Methicillin-Susceptible Staphylococcus aureus. Microbial Drug Resistance. 2019 Jan 1;25(1):47-53.

35. Hamzehee S, **Kalantar-Neyestanaki D**, Afshari SA, Mousavi SA. *Molecular identification of Candida species, assessment of the antifungal susceptibility and the genetic relationship of Candida albicans isolated from immunocompromised patients in Kerman, Iran. Gene Reports. 2019;17:100484.*
36. Hashemizadeh Z, Hadi N, Mohebi S, **Kalantar-Neyestanaki D**, Bazargani A. *Characterization of SCCmec, spa types and Multi Drug Resistant of methicillin-resistant Staphylococcus aureus isolates among inpatients and outpatients in a referral hospital in Shiraz, Iran. BMC research notes. 2019;12(1):614.*
37. Faridi A, Kareshk AT, Fatahi-Bafghi M, Ziasistani M, Ghahraman MR, Seyyed-Yousefi SZ, Shakeri N, **Kalantar-Neyestanaki D***. *Detection of methicillin-resistant Staphylococcus aureus (MRSA) in clinical samples of patients with external ocular infection. Iranian Journal of Microbiology. 2018;10(4):215.*

38. Alizade H, Jajarmi M, Aflatoonian MR, **Kalantar-Neyestanaki D**, Shoja S, Ghanbarpour R. Comparative prevalence of bla_{CTX-M-15} gene with virulence genes and serotypes in *Klebsiella pneumoniae*. *Jundishapur Journal of Microbiology*. 2018;11(4).
39. Hashemizadeh Z, **Kalantar-Neyestanaki D**, Mansouri S. Clonal relationships, antimicrobial susceptibilities, and molecular characterization of extended-spectrum beta-lactamase-producing *Escherichia coli* isolates from urinary tract infections and fecal samples in Southeast Iran. *Revista da Sociedade Brasileira de Medicina Tropical*. 2018 ;51(1):44-51.
40. Ghanavati R, Emaneini M, **Kalantar-Neyestanaki D**, Maraji AS, Dalvand M, Beigverdi R, Jabalameli F. Clonal relation and antimicrobial resistance pattern of extended-spectrum β -lactamase-and AmpC β -lactamase-producing *Enterobacter* spp. isolated from different clinical samples in Tehran, Iran. *Revista da Sociedade Brasileira de Medicina Tropical*. 2018;51(1):88-93.
41. Fasihi Y, Saffari F, Mansouri S, **Kalantar-Neyestanaki D***. The emergence of vancomycin-resistant *Staphylococcus aureus* in an intensive care unit in Kerman, Iran. *Wiener Medizinische Wochenschrift*. 2018;168(3-4):85-8.

42. Ahmadrajab R, Layegh-Khavidaki S, **Kalantar-Neyestanaki D***, Fasihi Y. *Molecular analysis of immune evasion cluster (IEC) genes and intercellular adhesion gene cluster (ICA) among methicillin-resistant and methicillin-sensitive isolates of Staphylococcus aureus. Journal of preventive medicine and hygiene. 2017 Dec;58(4):E308.*
43. Fasihi Y, Fooladi S, Mohammadi MA, Emameini M, **Kalantar-Neyestanaki D***. *The spa typing of methicillin-resistant Staphylococcus aureus isolates by High Resolution Melting (HRM) analysis. Journal of medical microbiology. 2017;66(9):1335-7.*
44. Fasihi Y, Kiaei S, **Kalantar-Neyestanaki D***. *Characterization of SCCmec and spa types of methicillin-resistant Staphylococcus aureus isolates from health-care and community-acquired infections in Kerman, Iran. Journal of epidemiology and global health. 2017;7(4):263-7.*
45. Bakhtiar R, Abdolmohammadi A, Hajarian H, Nikousefat Z, **Kalantar-Neyestanaki D**. *Investigation of the 5' flanking region and exon 3 polymorphisms of IGF-1 gene showed moderate association with semen quality in Sanjabi breed rams. Theriogenology. 2017;104:186-91.*
46. Hashemizadeh Z, **Kalantar-Neyestanaki D**, Mansouri S. *Association between virulence profile, biofilm formation and phylogenetic groups of*

Escherichia coli causing urinary tract infection and the commensal gut microbiota: A comparative analysis. *Microbial pathogenesis*. 2017;110:540-5.

47. Mirsalehian A, **Kalantar-Neyestanaki D**, Taherikalani M, Jabalameli F, Emameini M. Determination of carbapenem resistance mechanism in clinical isolates of *Pseudomonas aeruginosa* isolated from burn patients, in Tehran, Iran. *Journal of epidemiology and global health*. 2017;7(3):155-9.

48. Mohabi S, **Kalantar-Neyestanaki D**, Mansouri S. Inhibition of quorum sensing-controlled virulence factor production in *Pseudomonas aeruginosa* by *Quercus infectoria* gall extracts. *Iranian journal of microbiology*. 2017;9(1):26.

49. Seyedi Marghaki F, **Kalantar-Neyestanaki D**, Safaari F, Fasihi Y, Moradi M. Frequency of Aminoglycoside-Resistance Genes in Methicillin Resistant *Staphylococcus aureus* Isolated from Clinical Specimens. *Journal of Mazandaran University of Medical Sciences*. 2017;27(153):112-7.

50. Hashemizadeh Z, **Kalantar-Neyestanaki D**, Mansouri S. Correlation Between *hlyA* and *cnf1* Virulent Genes with Antibiotic Resistance and non-ESBLs *Escherichia coli* Isolates Collected from Patient with Urinary Tract

Infections in Kerman, Iran. Archives of Pediatric Infectious Diseases. 2017;5(4).

51. Bakhtiar R, Abdolmohammadi A, Hajarian H, Nikousefat Z, **Kalantar-Neyestanaki D**. Identification of g. 170G> A and g. 332G> A mutations in exon 3 of leptin gene (Bc1l and Cail) and their association with semen quality and testicular dimensions in Sanjabi rams. *Animal reproduction science.* 2017;179:49-56.
52. **Kalantar-Neyestanaki D**, Koshesh M, Hashemizadeh Z, Mansouri S, Bahador A, Savari M. The β -Lactamase Disk Test: A Modified Method to Detect Extended-Spectrum- β -Lactamases in Multidrug-Resistant *Escherichia coli* Isolates. *Archives of Clinical Infectious Diseases.* 2017;12(1): e39070.
53. Fasihi Y, Saffari F, Ghahraman MRK, **Kalantar-Neyestanaki D***. Molecular Detection of Macrolide and Lincosamide-Resistance Genes in Clinical Methicillin-Resistant *Staphylococcus aureus* Isolates from Kerman, Iran. *Archives of Pediatric Infectious Diseases.* 2017;5(1): e37761
54. Koshesh M, Mansouri S, Hashemizadeh Z, **Kalantar-Neyestanaki D***. Identification of extended-spectrum β -lactamase genes and AmpC- β -lactamase in clinical isolates of *Escherichia coli* recovered from patients with

urinary tract infections in Kerman, Iran. Archives of Pediatric Infectious Diseases. 2017;5(2):e37968.

55. **Kalantar-Neyestanaki D**, Mirsalehian A, Jabalameli F, Fatahi-Bafghi M, Mansouri S. *The Importance of Extended-Spectrum β -lactamases in Gram-Negative Enteric Bacilli and the Phenotypic Methods of detection. Journal of Kerman University of Medical Sciences 2016; 23(3): 380-405.*
56. **Kalantar-Neyestanaki D**, Jabalameli F, Mirsalehian A, Emaneini M. *Evaluation of the β -Lactamase Disk Test Method in the Detection of Extended-Spectrum- β -Lactamases in Clinical Isolates of Multidrug-Resistant *Pseudomonas aeruginosa*. Journal of Kerman University of Medical Sciences 2016; 23(1): 1-11.*
57. **Kalantar-Neyestanaki D**, Emaneini M, Jabalameli F, Taherikalani M, Mirsalehian A. *ISPpu22, a novel insertion sequence in the oprD porin gene of a carbapenem-resistant *Pseudomonas aeruginosa* isolate from a burn patient in Tehran, Iran. Iran J Microbiol 2015;7(5):247-250.*
58. **Kalantar-Neyestanaki D**, Fatahi Bafghi D. *The Modified Hodge Test: Is it an appropriate method for detection of KPC enzyme or not? Iran J Microbiol 2015;7(2):123-124.*

59. **Kalantar Neyestanaki D**, Mirsalehian A, Rezagholizadeh F, Jabalameli F, Taherikalani M, Emaneini M. Determination of extended spectrum beta-lactamases, metallo-beta-lactamases and AmpC-beta-lactamases among carbapenem resistant *Pseudomonas aeruginosa* isolated from burn patients. *Burns* 2014;40(8):1556-1561.
60. Mirsalehian A, **Kalantar-Neyestanaki D**, Nourijelyani K, Asadollahi K, Taherikalani M, Emaneini M, Jabalameli F. Detection of AmpC- β -lactamases producing isolates among carbapenem resistant *P. aeruginosa* isolated from burn patient. *Iran J Microbiol* 2014;6(5):306-310.
61. Mansouri S, **Kalantar-Neyestanaki D**, Shokoohi M , Halimi S, Beigverdi R, Rezagholezadeh F, Hashemi A. Characterization of AmpC, CTX-M and MBLs types of β -lactamases in clinical isolates of *Klebsiella pneumoniae* and *Escherichia coli* producing Extended Spectrum β -lactamases in Kerman, Iran. *Jundishapur J Microbiol* 2014;7(2):e8756.
62. Jabalameli F, **Kalantar-Neyestanaki D**, Asadollahi K, Taherikalani M, Emaneini M. Reply to: Molecular methods require for confirmation *bla*_{AIM} (Adelaide imipenemase) producing *Pseudomonas aeruginosa*. *Burns* 2014;40(7):1419-20.

63. **Kalantar-Neyestanaki D**, Jabalameli F, Asadollahi K, Taherikalani M, Emaneini M. Reply to: Differentiation between KPC and IMP carbapenemase need phenotypic and genotypic methods. *Burns* 2014;6(40):1242-1243.
64. Emaneini M, Bigverdi R, **Kalantar D**, Soroush S, Jabalameli F, Noorazar Khoshgnab B, Asadollahi P, Taherikalani M. Distribution of genes encoding tetracycline resistance and aminoglycoside modifying enzymes in *Staphylococcus aureus* strains isolated from a burn center. *Ann Burns Fire Disasters* 2013;26(2):76-80.
65. **Kalantar D**, Jabalameli F, Emaneini M. The Modified Hodge Test for identification of *Klebsiella pneumoniae* carbapenemase producing isolates. *Burns* 2013;2(39):370-371.
66. Mansouri S, **Kalantar D**, Asadollahi P, Taherikalani M, Emaneini M. Characterization of *Klebsiella pneumoniae* strains producing extended spectrum beta-lactamases and AmpC type beta-lactamases isolated from hospitalized patients in Kerman, Iran. *Roumanian Archives of Microbiology and Immunology* 2012;71(2):81-86.
67. **Kalantar D**, Mansouri S. Emergence of multiple β -lactamases produced by *Escherichia coli* clinical isolates from hospitalized patient in Kerman, Iran. *Jundishapur J Microbiol* 2010;3(4):137-45.

68. Kalantar D, Mansouri S, Razavi M. Emergence of imipenem resistance and presence of metallo- β -lactamases enzymes in multi drug resistant Gram negative bacilli isolated from clinical samples in Kerman, 2007-2008. Journal of Kerman University of Medical Sciences 2010;17(3):208-214.[Persian].

9. Honors earned:

9-1-First rank of Ph.D exam in Medical Bacteriology in Iran.

9-2-Top graduate of Ph.D degree at School of Medicine, Tehran University of Medical Sciences, Tehran, Iran.

10. New project

Investigating the effects of anti-inflammatory and antidepressant drugs on the evolution of antibiotic resistance, susceptibility of microorganisms (bacteria and fungi) to antimicrobial agents, and biofilm formation