

Mehdi Bolfion

Research Institute of Applied Science

Shahid Beheshti University
Shahid Shahrari Square
Daneshjou Boulevard
Shahid Chamran Highway
Tehran, Iran

Birth: 05 August 1982 – Tehran / Iran
Marital Status: Married
Phone: +98-912-1238115
E-mail: mehdibolfion@gmail.com



Summary

I am a motivated, responsible, and organized scientist with an eye for detail. I enjoy carrying out a project from idea to results and have expertise in hands-on research in the laboratory as well as statistical analysis and reporting. I take pride working in a team, as a member and as a supervisor and take initiative to achieve progress.

Keywords and skills

Technical skills

- Isolation, Identification and Phenotypic Characterization of Medically important bacteria
- DNA & RNA extraction, PCR, RFLP & DNA fingerprinting, gel electrophoresis, and Southern blotting
- Bioremediation and biodegradation of Oilfields

Personal skills

- From idea to result
- Problem solving
- Protocol optimization and implementation
- Project management
- Collaboration

Work experience

2010 – Current

Academic staff
Department of Petroleum Microbiology, Research Institute of Applied Sciences, Shahid Beheshti University, Evin, Tehran, Iran.

I investigate about Biology, Medical Biology and Industrial Microbiology. In the field of industrial microbiology, since Iran is an oil-rich country, I work on the use of microorganisms to eliminate oil pollution, including the isolation of oil-eating bacteria, optimizing their growth and using them to clean oil-contaminated areas. In Medical microbiology, I also do research on molecular identification of pathogenic microorganisms, study of their pathogen genes and solutions to eliminate these infections.

2006 – 2010

Research assistant
Department of Foodborne and Diarrheal Disease, Research Center for Gastroenterology and Liver Diseases, Shahid Beheshti University, Tehran, Iran
there I accomplished some research independently or in a team mainly in cellular and molecular biology and microbiology. I had experiences in different aspects of cellular and molecular biology such as: Isolation, Identification and Phenotypic characterization of medically important bacteria, rapid automated microbiological systems, proficient in DNA & RNA extraction methods & polymerase chain reaction (PCR) and its modified methods, RFLP & DNA fingerprinting, Southern blotting, Gel electrophoresis.

Education

2006 – 2009

M.Sc
Microbiology
Azad University, Tehran North Branch, Tehran, Iran
Molecular Identification of Mycobacterial Isolates Collected from Pigeon

2001 – 2005

B.Sc
Cellular and Molecular Biology (Microbiology)
Azad University, Tehran North Branch, Tehran, Iran

Language Skills

English (Moderate), Persian (Mother tongue)

References

Nader Mosavari

Director and President of PPD Tuberculin Production Department
Razi Vaccine & Serum Research Institute, Karaj, Iran
Phone: +98-261-4502892 & +98-912-4968907
Email: n.mosavari@gmail.com

Mitra Salehi

Associate Professor
Azad University, Tehran North Branch, Tehran, Iran
Phone: +98-912-4474312
Email: mitra_salehi_microbiology@yahoo.com

Publications

1. Mohsenzadeh, A., S. M, Fattahi, A, Abolhasani Soorki, **M. Bolfion**, S, Kawasaki.(2023). "Soil erosion control of Urmia Lake using indigenous ureolytic calcifying bacteria". Journal of Rock Mechanics and Geotechnical Engineering. IN publish.
2. S. Ghobadian, , N. Soltani , M. Ameri , **M. Bolfion**,(2022)." Design and production of an algal biofilter for industrial wastewater treatment". Journal of Phycological Research, Vol. 6, No. 2, Sep 2022.
3. M. Ameri; N. Soltani; L. baftechi; M. bolfion; S.Javadi; Gh. Jalali; M. Dezfulian; B. bagheri, (2019)." Adsorptive Removal of Heavy Metals by Microalgae". Journal of Phycological Research, Vol 3, Issue 1, Pages 326-336, July 2019.
4. Sahebekhtiari, N., Z. Nochi, M. A. Eslampour, H. Dabiri, **M. Bolfion**, M. Taherikalani, B. Khoramian, M. R. Zali and M. Emaneini (2011). "Characterization of Staphylococcus aureus strains isolated from raw milk of bovine subclinical mastitis in Tehran and Mashhad." Acta Microbiol Immunol Hung **58**(2): 113-121.
5. Hamidian, M., M. Sanaei, **M. Bolfion**, H. Dabiri, M. R. Zali and J. Walther-Rasmussen (2011). "Prevalence of putative virulence markers in Campylobacter jejuni and Campylobacter coli isolated from hospitalized children, raw chicken, and raw beef in Tehran, Iran." Can J Microbiol **57**(2): 143-148.
6. Aliakbari, I., S. Noohi, S. A. Safavi, A. G. Tabrizi, **M. Bolfion**, M. Razaghi, H. Goudarzi and H. Dabiri (2011). "The role of adenotonsillar tissues as a reservoir for Helicobacter pylori and Helicobacter hepaticus." Gastroenterol Hepatol Bed Bench **4**(3): 153-158.
7. Dabiri, H., **M. Bolfion**, A. Mirsalehian, M. Rezadehbashi, F. Jafari, L. Shokrzadeh, N. Sahebekhtiari, H. Zojaji, Y. Yamaoka, D. Mirsattari and M. R. Zali (2010). "Analysis of Helicobacter pylori genotypes in Afghani and Iranian isolates." Pol J Microbiol **59**(1): 61-66.
8. **Bolfion, M.**, M. Salehi, J. Ashrafi Helan, K. Soleimani, R. Keshavarz, R. Aref Pajoohi, M. Mohammad Taheri, K. Tadayon and N. Mosavari (2010). "Outbreak of avian mycobacteriosis in flocks of domestic pigeons: An epidemiological approach." Iran J Microbiol **2**(4): 189-193.
9. Baghaei, K., L. Shokrzadeh, F. Jafari, **M. Bolfion**, R. Mashayekhi, H. Zojaji , M. R. Zali (2010). "Association between gastric disorders and cagA or cagE in Iranian patients." Pajoohande **15**(4): 137-142
10. Baghaei, K., L. Shokrzadeh, F. Jafari, H. Dabiri, Y. Yamaoka, **M. Bolfion**, H. Zojaji, M. M. Aslani and M. R. Zali (2009). "Determination of Helicobacter pylori virulence by analysis of the cag pathogenicity island isolated from Iranian patients." Dig Liver Dis **41**(9): 634-638.
11. Jafari, F., M. Hamidian, S. Salmanzadeh-Ahrabi, **M. Bolfion**, P. Kharaziha, M. Yaghobi, M. R. Zali (2008). "Molecular diagnosis and antimicrobial resistance pattern of Shigella spp. isolated from patients with acute diarrhea in Tehran, Iran." Gastroenterology and Hepatology from bed to bench **1**(1): 11-17.

Publications (In Persian)

1. Amininasab M., Heidarzadeh M., Ehsani P., Esmaeali M., **Bolfion M.**, Pakzad S., Partovinasr M., Kheiri M., Daneshvaramoli A., Rashidi L., Rezayatsoorkhabadi M., Salamat F., Shokohi H., Sadria R., Attar F., Frakhondeh M., Farookhi N., Feizabadi M., Kashanchi M., Mehrabi E., Mahmoodi M., Moosavi S., Moosavi A., Noorbakhsh R., Vaghar kashani A., Hedayadi V. Iranian National Standardization Organization (INSO), Biotechnology–Biobanking–General requirements, ICS: 07.080, INSO 20328, 1st Revision 2020. No.2592 Valiasr Ave., Southwestern corner of Vanak Sq., Tehran, Iran.
2. Ameri M., N. Soltani, L. Baftechi, **M. Bolfion**, S. M. Javadi, and B. Bagheri (2019). "Elimination of Ni pollutant combined with petroleum using microalga Calothrix sp. isolated from oil polluted regions." Journal of Plant Environmental Physiology **14**(55): 66-78.
3. Heidarpoor M., Heidarzadeh M., Ehsani P., Amini najafi F., **Bolfion M.**, Salamat F., Shokohi H., Farazmand A., Farookhi N., Feizabadi M., Goodarzi M., Attar F., Mazaheri M., Moosavi A., Hedayadi V. Iranian National Standardization Organization (INSO), Foodstuffs- Methods of analysis for the detection of genetically modified organisms and derived

- products- Nucleic acid extraction, ICS: 67.050, INSO 10763 1st Revision 2018. No.2592 Valiasr Ave., Southwestern corner of Vanak Sq., Tehran, Iran.
4. Farazmand A., Heidarzadeh M., Ehsani P., Amini najafi F., **Bolfion M.**, Bidar S., Heidarpoor M., Salamat F., Shokohi H., Farookhi N., Feizabadi M., Goodarzi M., Attar F., Gholami B., Mahmoodi F., Mazaheri M., Moosavi A., Vaghar kashani A., Hedayadi V. Iranian National Standardization Organization (INSO), Microbiology of the food Chain-Horizontal method for determination of hepatitis A virus and norovirus using real-time RT-PCR, Part 1: Method for quantification, ICS: 07.100.30 INSO 20110-1. 1st Edition 2018. No.2592 Valiasr Ave., Southwestern corner of Vanak Sq., Tehran, Iran.
 5. Amirlatifi, F., N. Soltani, S. Saadatmand, Sh. Shokravi, M. Dezfulian, and **M. Bolfion** (2017) "Growth, Pigmentation, Photosynthesis and Morphological Characterization of Crude Oil Degrading Cyanobacterium Phormidium sp. ISC104." Journal of Phycological Research **1**(2): 3-11.
 6. Soltani, N., Sh. Iranshahi, F. Nazari, **M. Bolfion**, M. Rahmani, and B. Ebrahimi (2016) "Effect of different light intensities on physiological and biochemical responses of cyanobacteria Schizothrix vaginata under naphthalene treatment." Journal of Aquatic Ecology **4**(4): 25-32.
 7. Zolali M., M. Salehi, N. Mosavari, **M. Bolfion**, M. Taheri, M. Mirzaei (2010) "Investigation of mexX gene in Pseudomonas aeruginosa isolated of clinical specimens." Journal of Microbiology Knowledge **2**(6): 1-6.
 8. Heidarzadeh M., M. Salehi, R. Aref Pajoochi, **M. Bolfion**, K. Solymani, N. Mosavari (2009) "DNA fingerprinting of Mycobacterium bovis AN5 strain by RFLP technique." Journal of Microbiology Knowledge **1**(4): 37-44

Conferences

1. Baftechi, L*., Soltani, N., Dezfulian M., **Bolfion M.** Microalgae and bioactive compounds. 2nd National Conference of Iranian Algae Biology February 9th and 10th, 2019 Tarbiat Modarres University.
2. Yousefi Z., Dezfulian M., Soltani, N, Baftechi, L., **Bolfion M.** The effect of Leptolyngbya microalgae on leukemia cell growth. 2nd National Conference of Iranian Algae Biology February 9th and 10th, 2019 Tarbiat Modarres University.
3. **Bolfion M.**, Baftechi, L*., Soltani, N., Dezfulian M. Advantages of Using Natural Anti-Biofouling Compounds in Marine Microorganisms. Fifth National Conference on Preventive Medicine, Health, Rescue and Offshore Medicine on Surface and Subsurface Vessels, Army of the Islamic Republic of Iran Bandar Abbas Winter (2018).
4. Dezfulian M., Soltani, N, Baftechi, L., **Bolfion M.** The growth of cyanobacteria in water tanks and the effect of different cleaning methods. Fifth National Conference on Preventive Medicine, Health, Rescue and Offshore Medicine on Surface and Subsurface Vessels, Army of the Islamic Republic of Iran Bandar Abbas Winter (2018).
5. Baftechi, L*., Soltani, N., Dezfulian M., **Bolfion M.** An Overview on Conventional and Biological Methods of Seawater Desalination in Iran and the World. Fifth National Conference on Preventive Medicine, Health, Rescue and Offshore Medicine on Surface and Subsurface Vessels, Army of the Islamic Republic of Iran Bandar Abbas Winter (2018).
6. Baftechi, L*., Soltani, N., **Bolfion M.** Use of algae biomarkers to measure water pollution. Second International Conference and Fourth National Conference on Preventive Medicine, Health, Rescue and Offshore Medicine on Surface and Subsurface Vessels, Bandar Abbas 2016.
7. Malekahmadi, F., Soltani, N., Baftechi, L., **Bolfion M.** Biofuel of algae and its application as an alternative fuel in the world. Second International Conference and Fourth National Conference on Preventive Medicine, Health, Rescue and Offshore Medicine on Surface and Subsurface Vessels, Bandar Abbas 2016.
8. **M. Bolfion***, N. Mosavari, M. Salehi, K. Tadayon. Avian tuberculosis in flocks of pigeons and its potential impact on tuberculation of cattle. International Journal of Mycobacteriology **4** (2015) 138

9. Soltani, N*, Nejad Sattari, T., Kyavar, E., Nazari, F., **Bolfion, M.** Biodegradation of Decane by cyanobacterium isolated from oil polluted region, 16th International and Iranian Congress of Microbiology (2015).
10. **Bolfion M.**, Mirzamani Sh., Khoshbu M., Parvaneh S., Dezfulian M. Detection of Legionella pneumophila infection in Iranian Navy Aquatic Systems by PCR. 4th National Conference on Preventive Medicine, Health, Relief and Naval Medicine on Surface and Subsurface Vessels, Army of the Islamic Republic of Iran Bandar Abbas Winter 2015.
11. Kiavar E., Nazari F., Soltani, N., **Bolfion M.** Biodegradation of dodecane by cyanobacteria isolated from oil-contaminated area. 4th Iranian Conference on Plant Physiology, Tehran, 2015
12. **Bolfion M.**, Mirzamani Sh., Khoshbu M., Parvaneh S. The necessity of detection of Legionella pneumophila in aquatic environments. First International Conference and Third National Conference on Preventive Medicine, Health, Rescue and Marine Treatment on Surface and Subsurface Vessels, Bandar Abbas Winter 2014.
13. Baftechi, L*, Soltani, N., **Bolfion M.**, Mirzamani Sh. Application of Microalgae to Biodegradation and Detection of Heavy Metals in Contaminated Water at the Training and Operations of Strategic Navy Divers. First International Conference and Third National Conference on Preventive Medicine, Health, Rescue and Marine Treatment on Surface and Subsurface Vessels, Bandar Abbas 2014.
14. Baftechi L*, Soltani N., Nazari F., **Bolfion M.** Physiological characterization of cyanobacterial polysaccharides, 15th international Iranian congress of Microbiology. Tehran University of Medical Science (2014).
15. Soltani, N., Malekhamadi, F., **Bolfion M.**, Baftechi, L. Ghobadian S. The effect of algae as a source of biodiesel production on reducing air pollution. First National Conference on Environmental Protection. Tehran 2014.
16. Baftechi, L*, Soltani, N., **Bolfion M.** Investigation of algal blooms in waters. 3rd National Conference on Preventive Medicine, Health, Rescue and Maritime Medicine on Surface and Subsurface Vessels, Bandar Abbas 2014
17. **Bolfion M.**, Baftechi, L*, Soltani, N. Use of microorganisms for air purification. First National Conference on Environmental Protection in Tehran 2014.
18. Ghobadian S., Soltani, N., **Bolfion M.**, Baftechi, L. Necessity of Cultivation and Training of Customers to Promote Domestic Automotive Industries to Reduce Air Pollution. First National Conference on Environmental Protection in Tehran 2014.
19. Ghobadian S., Soltani, N., **Bolfion M.**, Baftechi, L. Algal biodiesel production from power plant exhaust gas and the potential of this biofuel to replace petroleum diesel and reduce greenhouse gas emissions. First National Conference on Environmental Protection in Tehran 2014.
20. Amirlatifi F., Soltani N., **Bolfion M.**, Dezfulian M., Shokravi Sh. Potential of marine cyanobacteria Oscillatoria sp. ISC104 in Crude Oil Biodegradation. First National Conference on New Marine Technologies in Noshahr (2013).
21. Khodaei K., Soltani, N., **Bolfion M.**, Baftechi, L. Implementation of Geographic Information Systems for Creation of Microalgae Database in Tehran Province. First Iranian National Algae Conference, Shahid Beheshti University, Tehran (2011).
22. Dabiri H, Jafari F, Shokrzadeh L, Baghai K, Yamoaka Y, **Bolfion M**, Sahebekhtari N, Mirsalehian A, Rezadehbashi M, Aslani M M, Zojaji H, Molaei M, Zali M R, Molecular characterization of Helicobacter Pylori vacA, cagA, cagE, iceA, and babA2 genotypes and Correlation with Clinical Outcome in Iranian dyspeptic patients. 10th IRANIAN CONGRESS OF MICROBIOLOGY (2010).
23. **Mehdi Bolfion**, Nader Mosavari, Mitra Salehi, Javad Ashrafi Helan, Roholah Keshavarz, Reza Aref Pajoochi, Kioomars Soleimani, Mohammad Mohammad Taheri, Shojaat Dashti Pour, and Keyvan Tadayon Molecular identification of Mycobacterium strains isolated on pigeon by PCR. Fifth International M. bovis Conference 25-28 August 2009, Wellington, New Zealand.

24. Maryam Sanaie, Mohammad Hamidian, Masoumeh Azimi-Rad, **Mehdi Bolfion**, Mohammad Reza Zali. Prevalence and antimicrobial susceptibility of *Campylobacter* spp. isolated from beef and raw chicken in Tehran, Iran. INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES, Volume: 12, Pages: E232-E232, Published: 2008 (13th ICID -Kuala Lumpur, Malaysia- June 19-22, 2008)
25. F. Jafari, L. Shokrzadeh, K. Baghai,, H. Dabiri, N. Sahebekhtiari, **M. Bolfion**, D. Mirsatari, H. Zojaji, M.R.Zali. *cag A* and other key genes in the *cag PAI* of *Helicobacter pylori* from dyspepsia patients
ECCMID 2008
26. Shokrzadeh L., K. Baghai, F. Jafari, H. Dabiri, N. Sahebekhtiari, **Bolfion M.**, D. Mirsatari, H. Zojaji, M.R. Zali. Important markers of *cagI* and *cagII* in *H. pylori* isolated from dyspepsia patients in Iran.13th ICID -Kuala Lumpur, Malaysia- June 19-22, 2008.
27. Shokrzadeh L., K. Baghai, F. Jafari, H. Dabiri, N. Sahebekhtiari, **Bolfion M.**, D. Mirsatari, H. Zojaji, M.R. Zali. Important markers of *cagI* and *cagII* in *H. pylori* isolated from dyspepsia patients in Iran. 9th Iranian Congress of Microbiology, Kerman, 4-6 March 2008.
28. Nazemalhosseini Mojarad E, Nochi Z, Azimi Rad M, Rostami Nejad M, Sahebekhtiari N, **Bolfion M**, Zali MR Differentiation of *Entamoeba histolytica* and *Entamoeba dispar* based on Peroxiredoxin gene. The Second Iranian Congress of Clinical Microbiology, Shiraz-Iran, 7-9 October 2008.
29. Shokrzadeh L, Kaveh Baghai, Fereshteh Jafari, Hossein Dabiri, **Bolfion M**, Navid Sahebekhtiari, H. Zojaji, Mohammad Reza Zali Distribution of new Plasticity Region marker in *Helicobacter pylori* isolated from Iranian gastroduodenal patients. The Second Iranian Congress of Clinical Microbiology, Shiraz-Iran, 7-9 October 2008.
30. Sahebekhtiari N, Nochi Z, Dabiri H, **Bolfion M**, Tahami A, Zali MR Phylogenetic relationships of *Shigella* strains deduced from the nucleotide sequences of 23S rRNA gene in Iran. Iranian Congress of Gastroenterology and Hepatology 2008, November 25-28, Isfahan, Iran- Scientific Journal of the Iranian Association of Gastroenterology and Hepatology, Govarehsh\ Vol 13\ Supplement\ Autumn 2008.
31. Shokrzadeh L, Baghai K, Dabiri H, Jafari F, Sahebekhtiari N, **Bolfion M**, Tahami A, Zali MR Structural changes in the 3' region of *cagA* Gene in *Helicobacter pylori* and its association with clinical outcome. Iranian Congress of Gastroenterology and Hepatology 2008, November 25-28, Isfahan, Iran- Scientific Journal of the Iranian Association of Gastroenterology and Hepatology, Govarehsh\ Vol 13\ Supplement\ Autumn 2008.
32. Rezadehbashi M., Jafari F., Dabiri H., Shokrzadeh K., **Bolfion M**. Diagnostic value of culture, histology and PCR for *Helicobacter pylori* in dyspepsia patients. 9th National Congress of Microbiology 2008.
33. Baghai K, Dabiri H, Shokrzadeh L, Jafari F, Sahebekhtiyari N, **Bolfion M**, Zali MR New intermediate region of *Helicobacter pylori vacA* association with gastritis disorders in Iranian patients. Iranian Congress of Gastroenterology and Hepatology 2008, November 25-28, Isfahan, Iran- Scientific Journal of the Iranian Association of Gastroenterology and Hepatology, Govarehsh\ Vol 13\ Supplement\ Autumn 2008.
34. . Jafari F, N. Sahebekhtiari., **Bolfion, M.**, L. Shokrzadeh, M. Yaghoobi, M. Nochi, S. Salmanzadeh-Ahrabi, M. R. Zali Prevalence and Pattern of antimicrobial resistance in *Shigella* spp. of acute diarrhea in Iran. Tropical Medicine and International Health, Volume 12 SUPPL I PP 25-146 MAY 2007, 5th European Congress of Tropical Medicine and International Health.
35. Shokrzadeh L., K. Baghai, H. Dabiri, F. Jafari, N. Sahebekhtiari, **Bolfion M.**, M. Yaghoobi, D. Mirsatari, H. Zojaji, M. R. Zali Distribution of *cag PAI* genes in *Helicobacter pylori* isolated from gastroduodenal diseases in Taleghani Hospital. 7th *Helicobacter Pylori* Seminar, HPS 2007.
36. Baghai K., L. Shokrzadeh, **Bolfion M.**, H. Dabiri, N. Sahebekhtiari, M. Yaghoobi, F. Jafari, M. Molayi, D. Mirsatari, H. Zojaji, M. R. Zali Genetic Diversity of *cagE*, *oipA*, *cagA* and *vacA* genes of *Helicobacter pylori* from dyspepsia patients. 7th *Helicobacter Pylori* Seminar, HPS 2007.
37. Dabiri H., Yaghoobi M., Sahebekhtiari N., **Bolfion M.**, Baghai K., Shokrzadeh L., Tajbakhsh M., Jafari F., Azimi M., Zali M.R. Evaluation of four different methods for DNA extraction of *Helicobacter pylori* isolate from biopsy specimen. The 1st National Iranain Conference of Applied Microbiology Alzahra university – July 2007.

38. Baghai K., H. Dabiri, L. Shokrzadeh, F. Jafari, N. Sahebekhtiari, **Bolfion M.**, M. Yaghobi, D. Mirsatari, H. Zojaji, M. R. Zali. Association between genetic diversity and clinical outcome of *Helicobacter pylori* isolates. The 9th Iranian Congress of Biochemistry & the 2nd International Congress of Biochemistry and Molecular Biology, Shiraz-Iran, Oct.29-Nov.1, 2007.
39. Shokrzadeh L., F. Jafari, K Baghai, H. Dabiri, M. Chiani, N. Sahebekhtiari **Bolfion M.**, H. Zojaji, M. R. Zali. Investigation of HP0217 sequence in *H. pylori* cagA-positive and negative strains isolated from Talaghani Hospital in Tehran. The 9th Iranian Congress of Biochemistry & the 2nd International Congress of Biochemistry and Molecular Biology, Shiraz-Iran, Oct.29-Nov.1, 2007.
40. Shokrzadeh L., H. Dabiri, S. Salmanzadeh Ahrabi, M. M. Aslani, **Bolfion M.**, N. Sahebekhtiari, A. Dezfolian, M. R. Zali. Bacterial enteropathogens children under five years old with acute diarrhea in Tehran. The first Iranian Congress of Clinical Microbiology, Shiraz-Iran, 8-10 May 2007.

Gene Bank submission:

1. Mohsenzadeh,A., Ebadi,T., Abolhasani Soorki,A., **Bolfion,M**, Fattahi,S.M.,*Bacillus* sp. (in: firmicutes) strain AUT2 16S ribosomal RNA gene, partial sequence.GenBank: OQ318515.1.
2. Mohsenzadeh,A., Ebadi,T., Abolhasani Soorki,A., **Bolfion,M**, Fattahi,S.M.,*Sporosarcina* sp. strain AUT7 16S ribosomal RNA gene, partial sequence GenBank: OQ318523.1
3. Soltani,N., Iranshahi,S., **Bolfion,M.**, Shokravi,S, *Fischerella ambigua* AFC012 16S ribosomal RNA gene, partial sequence GenBank: OL871484.1
4. Baftehchi,L., Sobhanian,H., Soltani,N., Bakhshi Khanaki,G.,Dezfulian,M.,**Bolfion,M**. *Fischerella* sp. ISC 124 16S ribosomal RNA gene, partial sequence GenBank: OK594058.1.
5. Baftehchi,L., Sobhanian,H., Soltani,N., Bakhshi Khanaki,G.,Dezfulian,M.,**Bolfion,M**. *Fischerella* sp. ISC 123 16S ribosomal RNA gene, partial sequence GenBank: OK594058.1.
6. Soltani,N., **Bolfion,M**, Iranshahi,S. *Nostoc* sp. AFC 017 16S ribosomal RNA gene, partial sequence GenBank: MW646467.1.
7. Soltani,N., **Bolfion,M**, Iranshahi,S. *Stigonema* sp. AFC 012 16S ribosomal RNA gene, partial sequence GenBank: MW646469.1.
8. Soltani,N., **Bolfion,M**, Iranshahi,S. *Lyngbya* sp. AFC 020 16S ribosomal RNA gene, partial sequence GenBank: MW646470.1.
9. Soltani,N., **Bolfion,M**, Iranshahi,S. *Anabaena* sp. AFC 013 16S ribosomal RNA gene, partial sequence GenBank: MW646471.1 .
10. Soltani,N., **Bolfion,M**, Iranshahi,S,*Nostoc* sp. AFC 019 16S ribosomal RNA gene, partial sequence GenBank: MW646472.1.
11. Soltani,N., **Bolfion,M**, Iranshahi,S, *Spirulina* sp. AFC 021 16S ribosomal RNA gene, partial sequence GenBank: MW646473.1 .
12. Soltani,N., **Bolfion,M**, Iranshahi,S, *Scenedesmus* sp. AFC 006 small subunit ribosomal RNA gene, partial sequence GenBank: MW646758.1 .
13. Soltani,N., **Bolfion,M**, Iranshahi,S, *Chlorella* sp. isolate AFC 022 small subunit ribosomal RNA gene, partial sequence GenBank: MW644521.1.
14. Soltani,N., Ameri,M., **Bolfion,M.**, Baftechi,L., Shokravi,S.,Iranshahi,S., Dezfulian,M. , Khajezade,M. *Chlorella* sp. isolate ISC 111 small subunit ribosomal RNA gene, partial sequence GenBank: MW139224.1.
15. Soltani,N., Ameri,M., **Bolfion,M.**, Baftechi,L., Shokravi,S.,Iranshahi,S., Dezfulian,M. , Khajezade,M .*Chlorella* sp. isolate ISC118 small subunit ribosomal RNA gene, partial sequence GenBank: MT840672.1.
16. Soltani,N., Ameri,M., **Bolfion,M.**, Baftechi,L., Shokravi,S.,Iranshahi,S., Dezfulian,M. , Khajezade,M. *Chlorella* sp. isolate ISC113 small subunit ribosomal RNA gene, partial sequence GenBank: MT840673.1.
17. Soltani,N., Dezfulian,M., Iranshahi,S., **Bolfion,M.**, Baftehchi,L., Khajezade,M., Seyed Mousavi,S.M. and Shokravi,S. *Scenedesmus* sp. ISC 121 small subunit ribosomal RNA gene, partial sequence GenBank: MT622542.1.

18. Soltani,N., Ameri,M., **Bolfion,M.**, Baftehchi,L., Shokravi,S., Iranshahi,S., Dezfulian,M. and Khajezade,M. *Leptolyngbya fragilis* ISC 0108 16S ribosomal RNA gene, partial sequence GenBank: MT611941.1.
19. Soltani,N., Ameri,M., **Bolfion,M.**, Baftehchi,L., Shokravi,S., Iranshahi,S., Dezfulian,M. and Khajezade,M. *Chlorella sorokiniana* isolate ISC109 small subunit ribosomal RNA gene, partial sequence GenBank: MT605278.1.
20. Soltani,N., Ameri,M., **Bolfion,M.**, Baftehchi,L., Shokravi,S., Iranshahi,S., Dezfulian,M. and Khajezade,M. *Chlorella sorokiniana* isolate ISC 114 small subunit ribosomal RNA gene, partial sequence GenBank: MT605279.1.
21. Soltani,N., Ameri,M., **Bolfion,M.**, Baftehchi,L., Shokravi,S., Iranshahi,S., Dezfulian,M. and Khajezade,M. *Chlorella sorokiniana* isolate ISC 117 small subunit ribosomal RNA gene, partial sequence GenBank: MT605280.1
22. Soltani,N., Dezfulian,M., Iranshahi,S., **Bolfion,M.**, Baftehchi,L.,Khajezade,M., seyed mousavi,S.M. and Shokravi,S. *Desmodesmus armatus* isolate ISC 122 small subunit ribosomal RNA gene, partial sequence GenBank: MT605287.1.
23. Ghanbarzadeh,M., Niknam,V., Soltani,N., Ebrahimzadeh,H., **Bolfion,M.**, Behmanesh,M. *Leptolyngbya fragilis* ISC 108 catalase/peroxidase (katG) gene, partial cds GenBank: MH667306.1.
24. Ghanbarzadeh,M., Niknam,V., Soltani,N., Ebrahimzadeh,H., **Bolfion,M.**, Behmanesh,M. *Leptolyngbya fragilis* ISC 108 superoxide dismutase (sod) gene, partial cds GenBank: MH667307.1.
25. Ghanbarzadeh,M., Niknam,V., Soltani,N., Ebrahimzadeh,H., **Bolfion,M.**, Behmanesh,M. *Nostoc calcicola* ISC89 catalase gene, partial cds GenBank: MH667308.1.
26. Ghanbarzadeh,M., Niknam,V., Soltani,N., Ebrahimzadeh,H., **Bolfion,M.**, Behmanesh,M. *Nostoc calcicola* ISC89 superoxide dismutase (sod) gene, partial cds GenBank: MH667309.1.
27. Ghanbarzadeh,M., Niknam,V., Soltani,N., Ebrahimzadeh,H., Dezfulian,M. and **Bolfion,M.** *Nostoc calcicola* ISC89 strain ISC 89 Rubredoxin (rub) gene, partial cds GenBank: MH191347.1.
28. Soltani,N., Malekhamadi,F., Dezfulian,M., **Bolfion,M.** ,Baftehchi,L. *Scenedesmus* sp. ISC 94 18S ribosomal RNA gene, partial sequence GenBank: KY767000.1.
29. Hokmollahi,F., Riahi,H., Soltani,N., Aghashariatmadari,Z., **Bolfion,M.** *Kamptonema formosum* ISB51 16S ribosomal RNA gene, partial sequence GenBank: KY349107.1.
30. Hokmollahi,F., Riahi,H., Soltani,N., Aghashariatmadari,Z., **Bolfion,M.** *Lyngbya aestuarii* ISB52 16S ribosomal RNA gene, partial sequence GenBank: KY349108.1.
31. Lari,Z., Abrishamchi,P., Ahmadzadeh,H., Soltani,N.,**Bolfion,M.** *Tetraselmis* sp. ZL-2017 18S ribosomal RNA gene, partial sequence GenBank: KY114885.1.
32. Ahlesaadat,M., Riahi,H., Aghashariatmadari,Z., **Bolfion,M.**,Soltani,N. *Nostoc* sp. ISB81 16S ribosomal RNA gene, partial sequence GenBank: KX911981.1.
33. Ahlesaadat,M., Riahi,H., Aghashariatmadari,Z., **Bolfion,M.**,Soltani,N. *Pseudanabaena frigida* ISB82 16S ribosomal RNA gene, partial sequence GenBank: KX911982.1.
34. Ahlesaadat,M., Riahi,H., Aghashariatmadari,Z., **Bolfion,M.**,Soltani,N. *Pseudanabaena minima* ISB83 16S ribosomal RNA gene, partial sequence GenBank: KX911983.1.
35. Ahlesaadat,M., Riahi,H., Aghashariatmadari,Z., **Bolfion,M.**,Soltani,N. *Pseudanabaena minima* ISB84 16S ribosomal RNA gene, partial sequence GenBank: KX911984.1.
36. Ahlesaadat,M., Riahi,H., Aghashariatmadari,Z., **Bolfion,M.**,Soltani,N. *Pseudanabaena minima* ISB85 16S ribosomal RNA gene, partial sequence GenBank: KX911985.1.
37. Ahlesaadat,M., Riahi,H., Aghashariatmadari,Z., **Bolfion,M.**,Soltani,N, Hakimi Meybodi,M.H. *Planktothricoides* sp. ISB86 16S ribosomal RNA gene, partial sequence GenBank: KX911986.1.
38. Ahlesaadat,M., Riahi,H., Aghashariatmadari,Z., **Bolfion,M.**,Soltani,N, Hakimi Meybodi,M.H. *Jaaginema* sp. ISB87 16S ribosomal RNA gene, partial sequence GenBank: KX911987.1.
39. Shams,A., Nematzade,G.A., Soltani,N., Shokravi,S., Koliai,A.,**Bolfion,M.** *Oscillatoria* sp. MGCY352 16S ribosomal RNA gene, partial sequence GenBank: KX578821.1.
40. Shams,A., Nematzade,G.A., Soltani,N., Shokravi,S., Koliai,A.,**Bolfion,M.** *Tolypothrix* sp. MGCY412 16S ribosomal RNA gene, partial sequence GenBank: KX578822.1.
41. Shams,A., Nematzade,G.A., Soltani,N., Shokravi,S., Koliai,A.,**Bolfion,M.** *Oscillatoria* sp. MGCY383 16S ribosomal RNA gene, partial sequence GenBank: KX578823.1.
42. Shams,A., Nematzade,G.A., Soltani,N., Shokravi,S., Koliai,A.,**Bolfion,M.** *Oculatella* sp. MGCY358 16S ribosomal RNA gene and 16S-23S ribosomal RNA intergenic spacer, partial sequence GenBank: KX578820.1.
43. Koliai,A., Nematzade,G.A., Soltani,N., Shokravi,S., Shams,A.,**Bolfion,M.** *Leptolyngbya* sp. MGCY379 16S ribosomal RNA gene, partial sequence GenBank: KX495132.1.
44. Koliai,A., Nematzade,G.A., Soltani,N., Shokravi,S., Shams,A.,**Bolfion,M.** *Leptolyngbya* sp. MGCY402 16S ribosomal RNA gene, partial sequence GenBank: KX495133.1.
45. Koliai,A., Nematzade,G.A., Soltani,N., Shokravi,S., Shams,A.,**Bolfion,M.** *Leptolyngbya* sp. MGCY460 16S ribosomal RNA gene, partial sequence GenBank: KX495134.1.

46. Koliai,A., Nematzade,G.A., Soltani,N., Shokravi,S., Shams,A.,**Bolfion,M.** Leptolyngbya sp. MGCY407 16S ribosomal RNA gene, partial sequence GenBank: KX495135.1.
47. Koliai,A., Nematzade,G.A., Soltani,N., Shokravi,S., Shams,A.,**Bolfion,M.** Leptolyngbya sp. MGCY539 16S ribosomal RNA gene, partial sequence GenBank: KX495136.1.
48. Koliai,A., Nematzade,G.A., Soltani,N., Shokravi,S., Shams,A.,**Bolfion,M.** Oscillatoria sp. MGCY313 16S ribosomal RNA gene, partial sequence GenBank: KX495137.1.
49. Koliai,A., Nematzade,G.A., Soltani,N., Shokravi,S., Shams,A.,**Bolfion,M.** Pleurocapsa sp. MGCY520 16S ribosomal RNA gene, partial sequence GenBank: KX495138.1.
50. Koliai,A., Nematzade,G.A., Soltani,N., Shokravi,S., Shams,A.,**Bolfion,M.** Calothrix sp. MGCY373 16S ribosomal RNA gene, partial sequence GenBank: KX495139.1.
51. Koliai,A., Nematzade,G.A., Soltani,N., Shokravi,S., Shams,A.,**Bolfion,M.** Pseudanabaena sp. MGCY374 16S ribosomal RNA gene, partial sequence GenBank: KX495140.1.
52. Koliai,A., Nematzade,G.A., Soltani,N., Shokravi,S., Shams,A.,**Bolfion,M.** Scytolyngbya sp. MGCY316 16S ribosomal RNA gene, partial sequence GenBank: KX495141.1.
53. Shams,A., Nematzade,G.A., Soltani,N., Shokravi,S., Koliai,A.,**Bolfion,M.** Calothrix sp. MGCY463 16S ribosomal RNA gene, partial sequence GenBank: KX495142.1.
54. Shams,A., Nematzade,G.A., Soltani,N., Shokravi,S., Koliai,A.,**Bolfion,M.** Leptolyngbya sp. MGCY515 16S ribosomal RNA gene, partial sequence GenBank: KX495143.1.
55. Shams,A., Nematzade,G.A., Soltani,N., Shokravi,S., Koliai,A.,**Bolfion,M.** Leptolyngbya sp. MGCY489 16S ribosomal RNA gene, partial sequence GenBank: KX495144.1.
56. Shams,A., Nematzade,G.A., Soltani,N., Shokravi,S., Koliai,A.,**Bolfion,M.** Leptolyngbya sp. MGCY497 16S ribosomal RNA gene, partial sequence GenBank: KX495145.1.
57. Shams,A., Nematzade,G.A., Soltani,N., Shokravi,S., Koliai,A.,**Bolfion,M.** Leptolyngbya sp. MGCY277 16S ribosomal RNA gene, partial sequence GenBank: KX495146.1.
58. Shams,A., Nematzade,G.A., Soltani,N., Shokravi,S., Koliai,A.,**Bolfion,M.** Nostoc sp. MGCY420 16S ribosomal RNA gene, partial sequence GenBank: KX495147.1.
59. Zarei Darki,B., Esfandiari,F., Soltani,N.,**Bolfion,M.** Symbiodinium goreau strain CCATM-210 18S ribosomal RNA gene, partial sequence GenBank: KR824949.1.
60. Ghanati,F., Nahidian,B., Soltani,N., Shahbazi,M., Alnajjar,N.,**Bolfion,M.** Haematococcus lacustris strain TMU1 18S ribosomal RNA gene, partial sequence GenBank: KT601294.1.
61. Soltani,N., Kiaei,E., Dezfulian,M., Shokravi,S.,**Bolfion,M.** Leptolyngbya fragilis ISC 108 16S ribosomal RNA gene, partial sequence GenBank: KP335685.1.
62. Hokmollahi,F., Riahi,H., Soltani,N., Aghashariatmadari,Z.,**Bolfion,M.** Leptolyngbya breviararticulata ISB 46 16S ribosomal RNA gene, partial sequence GenBank: KP297408.1.
63. Hokmollahi,F., Riahi,H., Soltani,N., Aghashariatmadari,Z.,**Bolfion,M.** Phormidium articulatum ISB 47 16S ribosomal RNA gene, partial sequence GenBank: KP297409.1.
64. Hokmollahi,F., Riahi,H., Soltani,N., Aghashariatmadari,Z.,**Bolfion,M.** Oscillatoria tenuis ISB 48 16S ribosomal RNA gene, partial sequence GenBank: KP297410.1.
65. Hokmollahi,F., Riahi,H., Soltani,N., Aghashariatmadari,Z.,**Bolfion,M.** Phormidium autumnale ISB 49 16S ribosomal RNA gene, partial sequence GenBank: KP297411.1.
66. Hokmollahi,F., Riahi,H., Soltani,N., Aghashariatmadari,Z.,**Bolfion,M.** Kamptonema sp. ISB 50 16S ribosomal RNA gene, partial sequence GenBank: KP297412.1.
67. Soltani,N., Kiaei,E., Mazaheri Assadi,M., **Bolfion,M.**, Dezfulian,M.,Shokravi,S.,Baftechi,L. Synechococcus elongatus ISC 106 16S ribosomal RNA gene, partial sequence GenBank: KF724939.1.
68. Soltani,N., Amirlatifi,F., **Bolfion,M.**, Dezfulian,M., Shokravi,S.,Baftechi,L.,Heidari,M. Fischerella ambigua ISC 107 16S ribosomal RNA gene, partial sequence GenBank: KF724940.1.
69. Abolhasani Soorki,A., Mazaheri Asadi,M., **Bolfion,M.** and Ahmadi,N. Serratia sp. OC 16S ribosomal RNA gene, partial sequence GenBank: KF723429.1.
70. Abolhasani Soorki,A., Mazaheri Asadi,M., **Bolfion,M.** and Ahmadi,N. Vibrio sp. PM04 16S ribosomal RNA gene, partial sequence GenBank: KF723430.1.
71. Soltani,N., Amirlatifi,F., **Bolfion,M.**, Dezfulian,M., Shokravi,S., Heidari,M. Phormidium sp. ISC 104 16S ribosomal RNA gene, partial sequence GenBank: KF443074.1.
72. Havasbeigi,M., Dezfulian,M., Elahi,F., Soltani,N., Iranshahi,S.,**Bolfion,M.** Nostoc sp. ISC 101 16S ribosomal RNA gene, partial sequence GenBank: JX972170.1.
73. Asadi,M. Sr., Dehghan,G.R., Zarrini,G.R., Soltani,N., **Bolfion,M.** Microcoleus chthonoplastes FS2 16S ribosomal RNA gene, partial sequence GenBank: JX575176.1.
74. Asadi,M. Sr., Dehghan,G.R., Zarrini,G.R., Soltani,N. and **Bolfion,M.** Lyngbya sp. FS5 16S ribosomal RNA gene, partial sequence GenBank: JX575177.1.
75. Asadi,M. Sr., Dehghan,G.R., Zarrini,G.R., Soltani,N. and **Bolfion,M.** Nodularia spumigena FS6 16S ribosomal RNA gene, partial sequence GenBank: JX575178.1.

76. Asadi, M. Sr., Dehghan, G.R., Zarrini, G.R., Soltani, N. and **Bolfion, M.** *Nostoc* sp. FS10 16S ribosomal RNA gene, partial sequence GenBank: JX575179.1.
77. Asadi, M. Sr., Dehghan, G.R., Zarrini, G.R., Soltani, N. and **Bolfion, M.** *Arthrospira maxima* FS7 16S ribosomal RNA gene, partial sequence GenBank: JX575180.
78. Asadi, M. Sr., Dehghan, G.R., Zarrini, G.R., Soltani, N. and **Bolfion, M.** *Trichormus variabilis* FS14 16S ribosomal RNA gene, partial sequence GenBank: JX575181.1.
79. Eiri, A., Pordeli, H. and **Bolfion, M.** *Bacillus* sp. NR1 16S ribosomal RNA gene, partial sequence GenBank: JX181830.1.
80. Eiri, A., Pordeli, H. and **Bolfion, M.** *Bacillus* sp. NR3 16S ribosomal RNA gene, partial sequence GenBank: JX181831.1.
81. Eiri, A. and **Bolfion, M.** *Bacillus* sp. NR5 16S ribosomal RNA gene, partial sequence GenBank: JX181832.1.
82. Eiri, A. and **Bolfion, M.** *Bacillus* sp. R1(2012) 16S ribosomal RNA gene, partial sequence GenBank: JX181833.1.
83. Eiri, A. and **Bolfion, M.** *Bacillus* sp. R2(2012b) 16S ribosomal RNA gene, partial sequence GenBank: JX181834.1.
84. Eiri, A. and **Bolfion, M.** *Bacillus* sp. R3(2012) 16S ribosomal RNA gene, partial sequence GenBank: JX181835.1.
85. Eiri, A. and **Bolfion, M.** *Bacillus* sp. R5 16S ribosomal RNA gene, partial sequence GenBank: JX181836.1.
86. Eiri, A. and **Bolfion, M.** *Bacillus* sp. R6(2012) 16S ribosomal RNA gene, partial sequence GenBank: JX181837.1.
87. Eiri, A. and **Bolfion, M.** *Bacillus* sp. R7 16S ribosomal RNA gene, partial sequence GenBank: JX181838.1.
88. Abolhasani Soorki, A. and **Bolfion, M.** *Rhizobium* sp. K-1-3 16S ribosomal RNA gene, partial sequence GenBank: JQ963325.1.
89. Abolhasani Soorki, A. and **Bolfion, M.** Xanthomonadaceae bacterium K-1-9 16S ribosomal RNA gene, partial sequence GenBank: JQ963326.1.
90. Abolhasani Soorki, A. and **Bolfion, M.** Erythrobacteraceae bacterium K-2-3 16S ribosomal RNA gene, partial sequence GenBank: JQ963327.1.
91. Abolhasani Soorki, A. and **Bolfion, M.** Microbacterium sp. K-2-4 16S ribosomal RNA gene, partial sequence GenBank: JQ963328.1.
92. Abolhasani Soorki, A. and **Bolfion, M.** *Pseudomonas stutzeri* strain K-2-7 16S ribosomal RNA gene, partial sequence GenBank: JQ963329.1.
93. Abolhasani Soorki, A. and **Bolfion, M.** *Gracilibacillus dipsosauri* strain MK-1 16S ribosomal RNA gene, partial sequence GenBank: JQ963330.1.
94. Abolhasani Soorki, A. and **Bolfion, M.** *Bacillus* sp. MK-2 16S ribosomal RNA gene, partial sequence GenBank: JQ963331.1.
95. Abolhasani Soorki, A. and **Bolfion, M.** *Corynebacterium jeikeium* strain MK-4 16S ribosomal RNA gene, partial sequence GenBank: JQ963332.1.
96. Abolhasani Soorki, A. and **Bolfion, M.** *Bacillus sonorensis* strain MK-5 16S ribosomal RNA gene, partial sequence GenBank: JQ963333.1.
97. Abolhasani Soorki, A. and **Bolfion, M.** *Rheinheimera aquimaris* strain PM-05 16S ribosomal RNA gene, partial sequence GenBank: JQ963334.1.
98. Abolhasani Soorki, A. and **Bolfion, M.** *Vibrio* sp. PM-06 16S ribosomal RNA gene, partial sequence GenBank: JQ963335.1.
99. Abolhasani Soorki, A. and **Bolfion, M.** *Achromobacter spanius* strain PM-07 16S ribosomal RNA gene, partial sequence GenBank: JQ963336.1.
100. Abolhasani Soorki, A. and **Bolfion, M.** *Salinicola* sp. PM-10 16S ribosomal RNA gene, partial sequence GenBank: JQ963337.1.
101. Abolhasani Soorki, A. and **Bolfion, M.** *Rhodococcus ruber* strain KE1 16S ribosomal RNA gene, partial sequence GenBank: JQ963338.1.
102. Abolhasani Soorki, A. and **Bolfion, M.** *Aspergillus versicolor* strain K-1-6 18S ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8S ribosomal RNA gene, and internal transcribed spacer 2, complete sequence; and 28S ribosomal RNA gene, partial sequence GenBank: JQ963339.1.
103. Abolhasani Soorki, A. and **Bolfion, M.** *Aspergillus terreus* strain K-1-7 18S ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8S ribosomal RNA gene, and internal transcribed spacer 2, complete sequence; and 28S ribosomal RNA gene, partial sequence GenBank: JQ963340.1.
104. Abolhasani Soorki, A. and **Bolfion, M.** *Rhodosporidium toruloides* strain K-1-8 18S ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8S ribosomal RNA gene, and internal transcribed spacer 2, complete sequence; and 28S ribosomal RNA gene, partial sequence GenBank: JQ963341.1.
105. Bagherzadeh, Z., Mashayekhi, M., Bolfion, M., Soltani, N., Sarrafzadeh, M.H., Tavakoli, O. and Faramarzi, M.A. *Synechococcus elongatus* str. Ramsar 16S ribosomal RNA gene, partial sequence GenBank: JQ771323.1.
106. Aghashariatmadari, Z., Riahi, H., Shokravi, S. and Bolfion, M. *Nostoc calcicola* ISC89 16S ribosomal RNA gene, partial sequence GenBank: JN873350.1.
107. Aghashariatmadari, Z., Riahi, H., Shokravi, S., Bolfion, M., Soltani, N., Baftechi, L. *Anabaena vaginicola* ISC90 16S ribosomal RNA gene, partial sequence GenBank: JN873351.1.

108. Hamidian, M., Sanaei, M., Bolfion, M., Dabiri, H., Zali, M.R., Walther-Rasmussen, J. Campylobacter sp. 14-16 cytolethal distending toxin A (cdtA) gene, partial cds GenBank: GQ491056.1.
109. Hamidian, M., Sanaei, M., Bolfion, M., Dabiri, H., Zali, M.R., Walther-Rasmussen, J. Campylobacter sp. 11-6 cytolethal distending toxin B (cdtB) gene, partial cds GenBank: GQ491057.1.
110. Hamidian, M., Sanaei, M., Bolfion, M., Dabiri, H., Zali, M.R., Walther-Rasmussen, J. Campylobacter sp. 8-5 cytolethal distending toxin C (cdtC) gene, partial cds GenBank: GQ491058.1.
111. Hamidian, M., Sanaei, M., Bolfion, M., Dabiri, H., Zali, M.R., Walther-Rasmussen, J. Campylobacter sp. 18-19 outer membrane fibronectin-binding protein (cadF) gene, partial cds GenBank: GQ491059.1.
112. Hamidian, M., Sanaei, M., Bolfion, M., Dabiri, H., Zali, M.R., Walther-Rasmussen, J. Campylobacter sp. 2-290 phospholipase A (pldA) gene, partial cds GenBank: GQ491060.1.
113. Hamidian, M., Sanaei, M., Bolfion, M., Dabiri, H., Zali, M.R., Walther-Rasmussen, J. Campylobacter sp. 8-14 DnaJ (dnaJ) gene, partial cds GenBank: GQ491061.1.
114. Hamidian, M., Sanaei, M., Bolfion, M., Dabiri, H., Zali, M.R., Walther-Rasmussen, J. Campylobacter sp. 6-7 response regulator (racR) gene, partial cds GenBank: GQ491062.1.
- 115.

Protein Bank submission:

1. Ghanbarzadeh, M., Niknam, V., Soltani, N., Ebrahimzadeh, H., **Bolfion, M.**, Behmanesh, M. catalase, partial [Nostoc calcicola ISC89] GenBank: AZZ73581.1.
2. Ghanbarzadeh, M., Niknam, V., Soltani, N., Ebrahimzadeh, H., **Bolfion, M.**, Behmanesh, M. superoxide dismutase, partial [Leptolyngbya fragilis ISC 108] GenBank: AZZ73580.1.
3. Ghanbarzadeh, M., Niknam, V., Soltani, N., Ebrahimzadeh, H., **Bolfion, M.**, Behmanesh, M. catalase/peroxidase, partial [Leptolyngbya fragilis ISC 108] GenBank: AZZ73579.1.
4. Ghanbarzadeh, M., Niknam, V., Soltani, N., Ebrahimzadeh, H., Dezfulian, M. and **Bolfion, M.** Rubredoxin, partial [Nostoc calcicola ISC89] GenBank: AZZ10102.1.
5. Hamidian, M., Sanaei, M., **Bolfion, M.**, Dabiri, H., Zali, M.R., Walther-Rasmussen, J. response regulator, partial [Campylobacter sp. 6-7] GenBank: ACV41775.1.
6. Hamidian, M., Sanaei, M., **Bolfion, M.**, Dabiri, H., Zali, M.R., Walther-Rasmussen, J. DnaJ, partial [Campylobacter sp. 8-14] GenBank: ACV41774.1.
7. Hamidian, M., Sanaei, M., **Bolfion, M.**, Dabiri, H., Zali, M.R., Walther-Rasmussen, J. phospholipase A, partial [Campylobacter sp. 2-290] GenBank: ACV41773.1.
8. Ghanbarzadeh, M., Niknam, V., Soltani, N., Ebrahimzadeh, H., **Bolfion, M.**, Behmanesh, M. superoxide dismutase, partial [Nostoc calcicola ISC89] GenBank: AZZ73582.1.
9. Hamidian, M., Sanaei, M., **Bolfion, M.**, Dabiri, H., Zali, M.R., Walther-Rasmussen, J. outer membrane fibronectin-binding protein, partial [Campylobacter sp. 18-19] GenBank: ACV41772.1.
10. Hamidian, M., Sanaei, M., **Bolfion, M.**, Dabiri, H., Zali, M.R., Walther-Rasmussen, J. cytolethal distending toxin C, partial [Campylobacter sp. 8-5] GenBank: ACV41771.1.
11. Hamidian, M., Sanaei, M., **Bolfion, M.**, Dabiri, H., Zali, M.R., Walther-Rasmussen, J. cytolethal distending toxin B, partial [Campylobacter sp. 11-6] GenBank: ACV41770.1.
12. Hamidian, M., Sanaei, M., **Bolfion, M.**, Dabiri, H., Zali, M.R., Walther-Rasmussen, J. cytolethal distending toxin A, partial [Campylobacter sp. 14-16] GenBank: ACV41769.1.