

Zohreh Fouladi

PERSONAL INFORMATION

- **Name:** Zohreh Fouladi Dehghi
- **Birthday:** March, 31, 1986
- **Marital Status:** Single
- **Home Address:** No. 4, 2nd floor, Bahar 6 Alley, Hengam Street, Resalat Square, Tehran, Iran
- **Email:** z.foladi2022@gmail.com
- **Cell Phone:** +98-919-532-7346
- **Office Phone:** +98-71-323410-25

SUMMARY

- Biological and Bioinformatics Research Experience with Endocrinology and Metabolism Research Institute of Tehran University of Medical Sciences
- Proficient with MS Office, Windows, and everything that related to the Internet
- Magna Cum Laude graduate with B.Sc and M.Sc in Plant Biology and Molecular Genetic, respectively

EDUCATION

- **Ph.D., Comparative Biomedical Sciences,**
Shiraz University of Medical Sciences, Shiraz, Iran, (2019-yet)
- **M.Sc., Molecular Genetic,**
Gonbad Kavous University, Golestan, Iran, (2015-2018)
Thesis Title: The Study of Populations of *De Filippi*, 1863 *Alburnoides Eichwaldii* using Morphological Traits and Sequencing of the COI Gene in rivers of Golestan Provincence
- **B.Sc., Plant Biology,**
Islamic Azad University of Damghan, Semnan, Iran, (2004-2008)

WORK EXPERIENCES

- **Researcher in Diabetes Research Center, Tehran University of Medical Sciences, Tehran, Iran (2013-2015)**
- **Scientific collaboration in the project of predicting the structure and function of proteins from the genomic sequence, Endocrinology and Metabolism Research Institute, Tehran University of Medical Sciences, Tehran, Iran (2009-2013)**
- **Researcher in the Shariati Hospital, Tehran, Iran (2008-2009)**
- **Teaching Experience**
 - Tutor, teaching chemistry and biology in high school level in privet (2007-2008) (50 % time)

PUBLICATIONS

- **Books:**

Mehdi Hedayati, Seyedeh Adeleh Razavi, **Zohreh Fouladi**, (2017). “Real-time PCR applications guide (BIO-RAD company)”. Shahid Beheshti University of Medical Sciences Publisher, ISBN: 978-600-8493-70-9 (In Persian).

- **Articles:**

Zohreh Fouladi, Eisa Jorjani, Ainaz Shirangi, Hosain Saboori. (2018, February 25) Advanced techniques for the analysis of morphometric trait month [Paper Presentation] (In Persian). International Conference on Natural Resources Management in Developing Countries, Tehran, Iran.

Zohreh Fouladi. (2021) The Importance and Roles of Genetic Similarities and Differences Between Animal Models and Human Disease in Experimental-medical Studies: A review. (In Persian) (Under final review by Research in Medicine Journal)

- **Current Research Projects:**

Evaluation of The Effects of Photodynamic Therapy with Indocyanine Green On Rat Burn Wound Model: Histopathological and Bacteriological Findings

Evaluation of Antimicrobial Photodynamic Effect of Laser and Prodigiosin Pigment On Rat Burn Wound Model: Histopathological and Bacteriological Findings

RELEVANT COURSE WORK (CERTIFICATES)

- Participate in “Resistance Economics” workshop, Shiraz University of Medical Sciences, Shiraz, Iran (2019)
- Participate in “Isolation and Culture of Rat Dental Pulp Derived Mesenchymal Stem Cells” workshop, Shiraz University of Medical Sciences, Shiraz, Iran (2019)
- Participate in “Tissue Engineering and Regenerative Medicine” workshop, Iran University of Medical Sciences, Tehran, Iran (2017)
- Participate in “New Attitudes in Biotechnology and Lifestyle” conference, Iran University of Medical Sciences, Tehran, Iran (2017)
- Participate in “Primer Design, Gene Purification and Cloning” workshop, Gonbad Kavous University, Golestan, Iran (2015)
- Participate in “Principles of Laboratory Safety and Awareness of the Harmful Effects of Chemicals” workshop, Gonbad Kavous University, Golestan, Iran (2016)

SKILLS

- Got good knowledge about the **application of Biology and Bioinformatics**
- **Computer skills** like Data analysis, Scientific writing, Database usage, Presentation, Photoshop, Microsoft Word, Excel and PowerPoint, SPSS, Bioinformatics Tools
- **Laboratory skills** like Cell culture, MLPA, ELISA, Cloning, DNA and RNA extraction, cDNA synthesis, Primer design, Real-time PCR, Transfection methods, Mouse handling and injection, Stem cell culture and differentiation, MTT, CRISPR & Cas9

- Dedicated to performing experiments safely and following all of the proper regulations to ensure reliability
- Will to learn and learn quickly
- Team work
- Flexibility (in working hours, work condition)
- Responsible
- High social abilities

RESEARCH INTRESTS

- **Animal Models for Human Diseases**
 - My main research interest is the Induction of diseases in animal models and their generalization to human diseases for the treatment of common diseases including cancer and cardiovascular diseases
- **Stem Cell Biology**
 - Regenerative Medicine, Engineering, Delivery, Cell Therapy, Gene Therapy
- **Computational Biology**

INTERESTS AND ACTIVITIES

- Reading books and attending seminars about spirituality, inner growth, Self-understanding and enhancing lifestyle
- Traveling and nature expedition
- I attend the gym regularly and enjoy keeping fit by Hiking, running, bicycle riding
- I also enjoy socializing with friends and relatives. Going to the cinema, theater, out for meals or to the café

REFERENCES

Available on Request