



Ibrahim Halil Miraloglu, M.Sc.

Motivation:

An adaptive, enthusiastic and hard-worker person with a deep interest in the exploration of new answers to environmental problems. I especially desire to cooperate with scientists from various disciplines to gain new skills and produce wiser solutions.

Work Experience and Achievements:

2016 – : Bioeksen R&D Technologies LTD., Istanbul

Served as a biotechnology R&D specialist in a various number of projects.

2015- 2016: ENGY Environmental and Energy Technologies, İstanbul
Molecular Biologist

Served as an expert for “Rapid Screening System for Bacterial Agents of Hospital Acquired Infections” project funded by TUBITAK 1003 - Primary Subjects R&D Funding Program

2013-2015: Bogazici university, Istanbul Technical University, İstanbul
Middle East Technical University, Ankara

Served as a research assistant on a scientific research project: “A quick method for identification of zooplankton in Black Sea.”

2012-2013: Bogazici university, istanbul

Served as a research assistant on a scientific research project: “Determination of pathogenic bacteria from freshwater and wastewater by DNA based molecular methods and immunoimmobilization. “

2011-2012: Istanbul Technical University, Istanbul

Graduation project: “Expression of Nuclear Factor One Transcription Factors in Human Enstem-A Neural Progenitors”

2010-2011: Roskilde university, Roskilde

Master project: “Analysis Of The Interaction Between NdrG2 And The Apoptosis Inhibitor Api5 Department Of Nature , Systems And Models”

2009-2010: Roskilde university, Roskilde

Bachelor project: “Is Syntaxin1a Regulated by MiRNA-29a in INS-1E β -cells”

2007-2009: Istanbul Technical University molecular biology and student club, Istanbul
Editor and founder of “SARMAL” scientific journal

2003 summer: Space Camp Turkey (NASA)
Rewarded as full scholarship to attendance to Space Camp

ACADEMIC QUALIFICATIONS:

Currently Ph.D. candidate at the institute of environmental sciences, Bogazici University
M.Sc. from the institute of environmental sciences, Bogazici University, 2012-2015

B.Sc. from Department of Molecular Biology and Genetic Program, Istanbul Technical University, 2006 – 2012

Exchange student at Department of Molecular Biology, Roskilde University, 2009 - 2010

Experience and Skills:

Proficient communication skills, strong collaboration with team members, high concentration on work, adapted to live on abroad.

Computer Skills: intermediate level at Python, begginer level at C# and matlab programming languages, good at MS office and open office sowftwares

Bioinformatics: Medium level at MEGA, Arlequin, TCS, ClustalX2, Sequencher and GenAIEx softwares. Good at various bioinformatic tools; primer design, sequence analysis. Slight knowledge of protein modelling and Next Generation Sequencing.

Cell culture: INS-1E cells, Hek 293T cells, HeLa cells, ENSTEM-A cells

Microbiology: liquid and solid culture of bacteria, including pathogens

Microscopy: fluorescence and light microscopy, slightly Atomic force and scanning tunnelling microscope

Molecular biology: vector design, primers design, digestions, ligations, cloning, transfection, transformation, RNA extration, DNA extraction, Protein Extraction, Reverse transcription, PCR, RT-QPCR, Denaturing Gradient Gel Electrophoresis (DGGE), fluorescence in situ Hybridization (FISH)

Biochemistry: Western Blot, pull down assays

Analytical methods: Titrations, Spectrophotometry, theoretical knowledge of most analysis techniques (NMR, MS, HPLC, FPLC ...).

Environmental Chemistry: Determination of Hardness, salt and alkalinity, determination of metals by using both chemical methods and Atomic absorption spectroscopy(low experience), determination of total nitrogen, BOD, COD

LANGUAGES:

English (Advance), Turkish (mother tongue), German (Beginner)

Interests

I have strong interest in basketball, table tennis, travels and poetry.

CONTACT:

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