



Mohammad Moien Forghani Ramandi

BIOINFORMATICS SCIENTIST

Details

Tehran

Iran

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Skills

Programming Languages: R
(+Bioconductor), Python.

Transcriptomic data analysis:
Differential expression and
co-expression analysis, Network
analysis, Enrichment analysis.

Data Visualization

Data Analysis

Statistics

Software development: Android
(Java, Flutter), iOS (Flutter).

Web Development: Django,
Flutter.

Languages

English

Profile

Medical doctor with 5+ years experience in bio-informatics and systems biology. Benefiting from strong backgrounds in both of biology and computer sciences.

Education

Diploma, Allameh Helli High School, Tehran

SEPTEMBER 2011 – JUNE 2015

Professional doctorate, Alborz University of Medical Sciences, Karaj

SEPTEMBER 2015 – JUNE 2023

Publications

Illuminating HTLV 1-induced Adult T-cell Leukemia/Lymphoma transcriptomic signature: a systems virology approach. 2023, Virus Research.

DOI: <https://doi.org/10.1016/j.virusres.2023.199237>

Determining the key genes and cellular signaling pathways involved in the pathogenesis and development of aggressive types of adult leukemia/lymphoma derived from ATLL (T) cells. 2023, Alborz University of Medical Sciences Journal.

[Accepted]

Determination of key genes and cellular signaling pathways involved in the resistance of patients with diffuse large B-cell lymphoma to Helicobacter pylori eradication treatment. 2023, Alborz University of Medical Sciences Journal.

[Accepted]

The Worldwide Prevalence of Herpes Simplex Virus Encephalitis and Meningitis: A Systematic Review and Meta-Analysis. 2023, Turkish Archives of Pediatrics.

DOI: [10.5152/TurkArchPediatri.2023.23007](https://doi.org/10.5152/TurkArchPediatri.2023.23007)

Identification of novel miRNAs potentially involved in the pathogenesis of adult T-cell leukemia/lymphoma using WGCNA followed by RT-qPCR test of hub genes. 2023, Infectious Agents and Cancer.

DOI: [10.1186/s13027-023-00492-0](https://doi.org/10.1186/s13027-023-00492-0)

Pyrexia in human herpesvirus 6 (HHV6)-infected patients: A systems virology study. 2021, Gene Reports.

DOI: [10.1016/j.genrep.2021.101166](https://doi.org/10.1016/j.genrep.2021.101166)

A rare case report with periorbital edema. 2019, Alborz University of Medical Sciences Journal.

URL: <http://aums.abzums.ac.ir/article-1-1-92-fa.html>