

Zeinab Karimi

**Tuberculosis and Lung Diseases Research Center, Ilam University
of Medical Sciences, Ilam, Iran**

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Education

2016-2022 Ph.D. degree in Medical Virology

Tehran university of medical sciences, Tehran, Iran

2011-2014 Master's degree in Medical Virology

Kerman university of medical sciences, Kerman, Iran

2007-2010 Bachelor's degree in Veterinary laboratory sciences

Ilam university, Ilam, Iran

Work History

**2020 Member of the Coronavirus diagnosis team in the Covid 19
pandemic**

2014-2015 Laboratory Technician

Skills

Complete Skills

Mammalian cells culture (primary and secondary cell culture)
PBMC isolation and culture
Inoculation and culture of virus
TCID50 for virus titration
Metabolite's, RNA and DNA extraction of different samples such as cell and clinical samples
Real-Time PCR
Conventional PCR
HA test of influenza
Bacterial culture and isolation
Primer Design
XCMS online and HMDB
Writing scientific papers (review and original articles)

Relative Skills

Three-dimensional cell culture, Plaque assay, Nested-PCR, Draw phylogenetic tree, online MetaboAnalyst platform.

Articles

1- Zeinab Karimi, Afsaneh Arefi Oskouie, Farhad Rezaie, Fatemeh Ajaminejad, Sayed Mahdi Marashi and Talat Mokhtari Azad. The Effect of Influenza Virus on The Metabolism of Peripheral Blood Mononuclear Cells with Metabolomics Approach. Journal of Medical Virology, <https://doi.org/10.1002/jmv.27843>

2- Karimi Z, Cheri M, Rezaie F, Karimi S, Parhizgari N, Mokhtari-Azad T. Proposed Pathway Linking Respiratory Infections with Depression. The Korean College of Neuropsychopharmacology. 10.9758/cpn.2022.20.2.199

3-Chenari M, Karimi Z, Niya M. Sars-cov-2 as emerging disease: Preventive instructions and review of literature. International Journal of Tropical Medicine. 2020:103-8.

4- Hassan Karami, Zeinab Karimi, Negin Karami, SARS-CoV-2 In Brief: From Virus to Prevention, Osong Public Health Res Perspect. 2022;13(6):394-406, doi: <https://doi.org/10.24171/j.phrp.2022.0155>

Languages

1-Kurdish is my mother language

2-Persian is the formal language

3-English: Advance