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***Personal Information***

First name:	Saeedeh
Last name:	Ebrahimi
Nationality:	Iranian
Degree:	PhD in virology
Married status:	Married

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***Address Work:***

Department of Medical Microbiology & Virology, Kerman University of Medical sciences, Kerman, Iran.

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***Current Positions***

**Assistant Professor**, Department of Microbiology and Virology, Faculty of Medicine, Kerman University of Medical Sciences, Kerman, Iran

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## ***Academic Education***

2014-2020; **PhD in virology**, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran

2011-2013; **MSc in virology**, Kerman University of Medical Sciences, Kerman, Iran

2006-2008; **BSc in laboratory of sciences**, Iran University of Medical Sciences, Tehran, Iran

2003-2005; **A.S. in laboratory of sciences**, Babol University of Medical Sciences, Babol, Iran

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## ***Language skills***

Persian

English

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## ***Theses***

## ***Supervisors***

**MSc** Evaluation of the Frequency of the IL-28 Polymorphism  
(rs8099917) in Patients with Chronic Hepatitis C

Dr. A.M.Arabzadeh

**PhD** Gene knockout of UL39 as an Oncolytic gene of  
Herpes simplex virus type 1 by Crispr/Cas9 system

Dr. A. Teimoori.  
Prof. M Makvandi

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## ***RESEARCH INTERESTS***

Oncogenic viruses and cancer

Oncolytic viruses

Crispr/cas system

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## ***TECHNICAL SKILLS***

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### 1. Virological Techniques

-Mammalian cell tissue culture

-Isolation & purification of Viruses

-Titration of viruses: Plaque assay, TCID<sub>50</sub>, FFA,

### 2. IF Assay (immunofluorescence)

### 3. Flowcytometry: cell isolation, apoptosis, cell cycle analysis

### 4. Cytotoxicity assays: MTS assay, Colony and Sphere formation assay

### 5. Molecular Techniques:

- PCR

-RT-PCR

- Real time PCR

-Sequencing

-Cloning

## 6. Bioinformatics:

- Mega6 software
- Codon Code Aligner
- Gene Runner
- Snap Gene

## 7. Statistical skills

SPSS

## ***Publications***

Samane Shakibaie, Hoomaan Joze-Majidi, Erfan Zabihi, Mahboobeh Ramezani, **Saeedeh Ebrahimi**, Zahra Arab-Bafrani, Elham Mousavi. (2024). Development and Characterization of Graphene Oxide-Locust Bean Gum-Zinc Oxide (GO-LBG-ZnO) Nanohybrid as an Efficient and Novel Antitumor Agent against Hepatocarcinoma Cells

**Saeedeh Ebrahimi**, Mojtaba Kalantar, Barat Barati, Nayeb Fadaei Dehcheshmeh, Zahra Najafimemar, Tahereh Navidifar, Faezeh Seif. (2023). The Circulation of Common Respiratory Viruses and Their Co-infection with Severe Acute Respiratory Syndrome Coronavirus 2 Before and After Coronavirus Disease of 2019 Vaccination

**Saeedeh Ebrahimi**, Hashem Khanbabaei, Samaneh Abbasi, Mona Fani, Saber Soltani, Milad Zandi, Zahra Najafimemar. (2022). CRISPR-Cas System: A Promising Diagnostic Tool for Covid-19

Hashem Khanbabaei, **Saeedeh Ebrahimi**, Juan Luis García-Rodríguez, Zahra Ghasemi, Hossein Pourghadamyari, Milad Mohammadi, Lasse Sommer Kristensen (2022). Non-coding RNAs and epithelial mesenchymal transition in cancer: molecular mechanisms and clinical implications

Ali Hosseinzadeh, ..... Amin Mahdavi, Abdollah Jafarzadeh, Mehrdad Farokhnia, **Saeedeh Ebrahimi**, Abbas Pardakhti, Ebrahim Ghaderi, Hasan Soltani, Sedigh Jadidoleslami, Anoush Arianejad, Hamed Gavili, Borhan Moradveisi, Dina Motamedi, Hamed Zare, Toba Kazemi, Mohammad Hassan Emamian. (2022). COVID-19 cases, hospitalizations and deaths after vaccination: a cohort event monitoring study, Islamic Republic of Iran

Milad Zandi, Ismaeil Alizadeh, Saber Soltani, Mohebat Vali, **Saeedeh Ebrahimi**, Samaneh Abbasi (2022). Design and Development of a Mobile Application for the Control and Prevention of Viral Gastroenteritis as a Public Health Problem

Milad Zandi, Saber Soltani, Mona Fani, Samaneh Abbasi, **Saeedeh Ebrahimi**, Ali Ramezani (2021). Severe acute respiratory syndrome coronavirus 2 and respiratory syncytial virus coinfection in children

**Saeedeh Ebrahimi**, Manochehr Makvandi, Samaneh Abbasi, Keyhan Azadmanesh, Ali Teimoori (2020). Developing oncolytic Herpes simplex virus type 1 through UL39 knockout by CRISPR-Cas9. *Iranian Journal of Basic Medical Sciences* 23 (7), 937-944

R Nahid Samiei, **S Ebrahimi**, M Fani, S Ghafari, M Makvandi, N Khodadad, M Tabasi, A Teimoori (2020). In vitro effect of some nucleoside reverse transcriptase inhibitors against HSV-1 replication. *European Review for Medical and Pharmacological Sciences*

**Saeedeh Ebrahimi**, Ali Teimoori, Hashem Khanbabaei, Maryam Tabasi (2018). Harnessing CRISPR/Cas 9 System for manipulation of DNA virus genome. *Reviews in Medical Virology* 29 (1), e2009

Ali Teimoori, Mehrab Nejati, **Saeedeh Ebrahimi**, Manoochehr Makvandi, Milad Zandi, Azarakhsh Azaran (2018). Analysis of NSP4 Gene and Its Association with Genotyping of Rotavirus Group A in Stool Samples *Iranian Biomedical Journal* 22 (1), 42

Azarakhsh Azaran, Manoochehr Makvandi, Ali Teimoori, **Saeedeh Ebrahimi**, Farzad Heydari, Roya Nikfar (2018). Distribution of rotavirus genotypes circulating in Ahvaz, Iran in 2016. *Iranian biomedical journal* 22 (2), 107

Mehrandokht Sirous Mansour Amin, Hazhir Javaherizadeh, Mohammad Motamedifar, Morteza Saki, Hojat Veisi, **Saeedeh Ebrahimi**, Sakineh Seyed-Mohammadi, Mohammad Hashemzadeh, (2018) Antibiotic resistance pattern and molecular characterization of extended-spectrum  $\beta$ -lactamase producing enteroaggregative *Escherichia coli* isolates in children from southwest Iran. *Infection and drug resistance* 11, 1097

Ali Teimoori, **Saeedeh Ebrahimi**, Narges Keshtkar, Soheila Khaghani, Shokrollah Salmanzadeh, Shokouh Ghafari (2017). Prevalence and genetic diversity of HCV among HIV-1 infected individuals living in Ahvaz, Iran. *BMC Infectious Diseases* 19 (1), 1-7

Mona Fani, Nastaran Khodadad, **Saeedeh Ebrahimi**, Rahil Nahidsamiei, Manoocher Makvandi, Ali Teimoori, Hadis Langari (2016). Zinc Sulfate in Narrow Range as an In Vitro Anti-HSV-1 Assay. *Biological trace element research* 193 (2), 410-413

Zahra Iranmanesh, Hamid Reza Mollaie, Seyed Alimohammad Arabzadeh, Mohammad Javad Zahedi, Mehdi Fazlalipour, **Saeedeh Ebrahimi**, (2015). Evaluation of the frequency of the IL-28 polymorphism (rs8099917) in patients with chronic hepatitis C using Zip nucleic acid probes, Kerman, Southeast of Iran. *Asian Pacific journal of cancer prevention* 16 (5), 1919-1924