

بنام خدا



### اطلاعات عمومی

۱. نام و نام خانوادگی: تهمینه جلالی
۲. ایمیل: [jalalitamneh@gmail.com](mailto:jalalitamneh@gmail.com)
۳. رشته تحصیلی: بیوتکنولوژی میکروبی
۴. عنوان شغلی: عضو هیئت علمی بخش آربوویروس ها و تب های خونریزی دهنده ویروسی
۵. مرتبه علمی: استادیار
۶. آشنایی با زبان خارجی: انگلیسی

### سوابق

۷. سوابق تحصیلی:

Date	University and Grade	Thesis
Sep 2013- Jan 2019:	PhD in Microbial Biotechnology, Shahed University, Department of Biology.	Ranked first in Nationwide Entrance Examination administered by the Ministry of Science, Research and Technology for PhD degree in microbial biotechnology applicants. <b>Title of thesis:</b> Production of a Recombinant Nucleoprotein of Crimean Congo Hemorrhagic

		Fever Virus (CCHFV) and Development of DNA Aptamer by Protein SELEX method
Sep 2011- Sep 2013:	M.Sc. in Microbial Biotechnology, PayamNour University of Tehran, Department of Basic Science.	<b>Title of thesis:</b> Investigate the relation between viral load and cytokines level of IL-1 $\alpha$ , IL-6, IL-10 and TNF- $\alpha$ with severity of Crimean Congo Hemorrhagic Fever (CCHF) diseases in Iranian patients.
Feb 2004- Feb 2008:	B.Sc. in Biotechnology, Alzahra University.	
Sep 2002- Jun 2003:	Pre-university, Experimental sciences, National Organization for Development of Exceptional Talent (NODET).	
Sep 1999- June 2002:	Diploma in Experimental Science from National Organization for Development of Exceptional Talent (NODET).	

۸. سوابق شغلی:

Date	Position	Tasks
May 2020- present:	Faculty at Pasteur Institute of Iran, and Department of Arboviruses and Viral Hemorrhagic Fevers (National Reference Laboratory) and COVID-19 National Reference Laboratory	Conducting Research Projects Education and Supervising Student Theses
Jan 2020- May 2020:	Lab manager at Pasteur Institute of Iran, National Reference Laboratory of COVID-19.	Coordinating lab work including receiving, testing, and reporting samples and kits. Designing and evaluating molecular tests Education of technical staff for laboratory network of molecular detection.
Aug 2016- May 2020:	Lab manager at Pasteur Institute of Iran, Department of Arboviruses and Viral Hemorrhagic Fevers (National Reference Laboratory).	Coordinating lab work including receiving, testing, and reporting samples. Preparing proposals, reports, and articles.
Jul 2005- Aug 2016:	Research assistant at Pasteur Institute of Iran, Department of Arboviruses and Viral Hemorrhagic Fevers (National Reference Laboratory).	Doing molecular and serologic tests and helping with preparing proposals, articles, and reports.

۹. سوابق تدریس:

1. Special topics in biotechnology, PhD Course, Shahed University, fall 2022
2. Viral Hemorrhagic Fevers (VHFs) surveillance system in Iran, CDC, MoH, Iran, 7 March 2022.
3. Technical training course to use of RDT of SARS-CoV-2 to control the outbreak, MoH, Iran, 11 January 2022.
4. Roll of Laboratory in Outbreak Investigation, WHO-EMRO, 13-18 October 2021 and 2-7 November 2021.
5. Technical training course for establishment of Viral Hemorrhagic Fevers' Laboratory Network, National Workshops for Experts, CDC, MoH, May and December 2021.
6. Aptamers and their application in Virology, Shahed University, 10 April 2018, and International webinar of Biotechnology 30 April -6 May 2021.
7. Technical training course to establishment of COVID-19 National Labs, National Workshops for Experts, CDC, MoH, March 2020.
8. Arthropod borne disease, Shahriar Health Centre, Iran 21 November 2017.
9. Crimean Congo Hemorrhagic Fever, Iranian Society of Virology, 27 July 2015.
10. Crimean-Congo Hemorrhagic Fever (CCHF) and molecular and serological diagnostic methods, Pasteur Institute of Iran, 26-7 January 2009.

علايق شغلي

۱۱. علايق و اولويتهاي پژوهشي:

جنبه هاي مختلف تب خونريزي دهنده کریمه کنگو، آربوویروس ها - طراحی روش های تشخیص مولکولی - طراحی روش های تشخیص سریع

۱۲. علايق و اولويتهاي آموزشي:

فعاليتهاي پژوهشي

۱۳. عناوين طرح های تحقیقاتي:

Date	Project title	Investigator
Ongoing Project (Principle Investigator):	Designing the multiplex Real-Time RT-PCR test to detection of Dengue, Chikungunya and Zika viruses simultaneously	Pasteur Institute of Iran.

Ongoing Project (Principle Investigator):	Stability of humoral and cellular immunity in recipients of Soberana vaccine in a phase 3 vaccine trial in Iran,	Pasteur Institute of Iran.
Ongoing Project (Principle Investigator):	Molecular investigation and phylogenetic study of Dengue, Chikungunya and Zika viruses in sera samples of imported febrile cases to Iran during 2015-2021,	Pasteur Institute of Iran.
2022 (Principle Investigator):	Promoting Good laboratory practice (GLP) in Public Health Molecular Laboratories,	WHO
2022 (Principle Investigator):	Isolation of ssDNA aptamer/aptamers from DNA library against receptor binding domain (RBD) of SARS CoV-2 and Development the Rapid Diagnosis Test for COVID-19,	Shahed University.
Ongoing Project:	Evaluation of viral infections in patients with respiratory symptoms and negative result of COVID-19,	Pasteur Institute of Iran
Ongoing Project:	Immunogenicity and safety evaluation of PastoCovac Plus as the booster dose in Iranian adults aged from 18 to 80 who received two doses of Sinofarm and Astrazeneca,	Pasteur Institute of Iran.
Ongoing Project:	Molecular detection of two CCHF genes in deceased and suspected CCHF patients,	Pasteur Institute of Iran.
Ongoing Project:	Investigation of Hanta virus infection in rodents living in Qazvin and Hamadan provinces in Iran,	Pasteur Institute of Iran.
2022:	Efficacy and safety of a protein-based SARS-CoV-2 vaccine (SOBERANA 02 and SOBERANA Plus): a double-blind, randomized, placebo-controlled, phase 3 clinical trial in Iran,	MOH of Iran.
2021:	Evaluation of Covaxin Baharat India vaccine in symptomatic and asymptomatic further infection and vaccine escape variants detection,	Pasteur Institute of Iran
2021:	Long term clinical and serological assessment of confirmed COVID-19 infected individuals for finding re-infection cases during 1 year after onset of infection,.	Pasteur Institute of Iran
2020:	Design and development of a pseudotyped-lentivirus for severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2),	MoH.
2020:	Whole Genome Analysis of SARS CoV-2 in Iran,	Pasteur Institute of Iran.
2019:	Investigation funa and life cycles of hard ticks (Ixodidae) in Mazandaran Province, and detection of CCHF virus, tick-borne	Pasteur Institute of Iran

	encephalitis virus, and Borrelia spp. in different life stages of ticks,.	
2019:.	Study of Crimean-Congo Hemorrhagic Fever virus Kinetic in serum, whole blood, urine and saliva specimens,	CDC, MoH
2019:	Molecular epidemiology and distribution pattern of CCHF virus in East of Iran,	Pasteur Institute of Iran.
2019:.	Whole genome analysis of Crimean-Congo Hemorrhagic Fever virus in Iran,	Pasteur Institute of Iran
2018:	Molecular analysis of West Nile virus infection in Culex spp. mosquitoes collected from Khuzestan province.	Pasteur Institute of Iran.
2018:.	Whole genome analysis of Crimean-Congo Hemorrhagic Fever virus in Iran.	Pasteur Institute of Iran and Iran's National Elites Foundation
2018:	Study of Crimean-Congo Hemorrhagic Fever virus Kinetic in serum, whole blood, urine and saliva specimens. Joint project between Pasteur Institute of Iran and.	Center of Disease Control, MOH of Iran
2016:	Rapid Diagnosis Test for Crimean-Congo Hemorrhagic Fever using aptamer, Joint project:	Shahed University, Pasteur Institute of Iran
2017:	Serological analysis of the presence of IgG antibody against West Nile infection in human habitant in Khuzestan province,	Pasteur Institute of Iran.
2016:	Evaluation of Crimean-Congo Hemorrhagic Fever (CCHF) infection in Ixodidae ticks in ruminant from Rafsanjan by RT_PCR in Rafsanjan County in 2016.	Joint project between Pasteur Institute of Iran and Rafsanjan University of Medical Science.
2015:	Serological and Molecular analysis of serum from patients with symptoms of Hantavirus infection IRAN.	Pasteur Institute of Iran.
20013:	Seroepidemiological survey on West Nile disease in human and animal population from northern and central parts of Iran.	Pasteur Institute of Iran.
2012:	Molecular and Seroepidemiology Survey of West Nile Virus in Azarbayjan-e-sharghi & Azarbayjan-e-gharbi provinces.	Joint project between Pasteur Institute of Iran and Research Center of Infectious & Tropical Diseases Tabriz University of Medical Science.
2012:	Seroepidemiological survey of Crimean Congo hemorrhagic fever in Ixodidae and	Joint project: Pasteur Institute of Iran and

	Argasidae Ticks of Khoram Abad region, Lorestan province of Iran..	Lorestan University of Medical science
2012:	Seroepidemiological survey of Crimean Congo hemorrhagic fever in local and imported Cattle in South East of Iran,	Pasteur Institute of Iran.
2011:	Seroepidemiological survey of Crimean Congo Hemorrhagic Fever (CCHF) in sheep of Mazandaran Province.	Pasteur Institute of Iran.
2010:	Production of a new ELISA kit based on the use of Dried Blood Spots Sampling for Crimean – Congo Hemorrhagic Fever Screening in “high-risk” regions.	Joint Project: Pasteur Institute of Iran and WHO grant.
2010:	Sero-Pervalence Survey of West Nile Fever Virus (WNV) in Mashhad Population.	Joint Project Pasteur Institute of Iran and Mashhad University of Medical Sciences.
2010:	Serological and Molecular survey on Dengue Fever in probable serum samples which are sent to laboratory of Arboviruses and Viral Hemorrhagic Fevers..	Joint project Pasteur Institute of Iran and Center of Disease Control, MOH of Iran
2010:	Seroepidemiological survey on West Nile disease in Human and Animal population from northern and central parts of Iran..	Joint project: Pasteur Institute of Iran and Center of Disease Control, MOH of Iran
2009:	Diagnosis of Crimean-Congo hemorrhagic Fever (CCHF) virus in ticks of animal husbandries in Varammin district of Tehran.	Pasteur Institute of Iran.
2009:	Molecular study of ticks infected to CCHF virus in Zahedan and Zabol township sheep using RT-PCR.	Joint project: Pasteur Institute of Iran and Zahedan University of Medical Sciences.
2009:	Rapid diagnosis of Crimean-Congo Hemorrhagic Fever Virus Genome with Real-Time PCR Technique,	Pasteur Institute of Iran.
2009:	Cloning, Expression, and Evaluation of Crimean-Congo Hemorrhagic Fever Virus Glycoprotein (M segment of Genome) in both Semliki Forest Virus and Baculovirus Gene Expression System.	Pasteur Institute of Iran.
2008:	Phylogenetic Study of Crimean-Congo Hemorrhagic Fever (CCHF) Virus genome Extracted from Ticks Existing in Isfahan Province, Central Region of Iran..	Joint Project: World Health Organization (WHO) Regional Office for the Eastern Mediterranean EMRO/TDR Grant and Pasteur Institute of Iran

2007:.	Seroepidemiology of Crimean-Congo Hemorrhagic Fever (CCHF) in Domestic Animals (Bovine & Caprine) and High Risk Human Groups and Genetic Analysis of the Probable Ticks Associated Virus Genome in Isfahan Province.	Pasteur Institute of Iran
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۱۴. تعداد مقالات و لینک سامانه علم سنجی اعضای هیئت علمی جهت دسترسی به مقالات:

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[لینک سامانه: https://isid.research.ac.ir/Tahmineh\\_Jalali](https://isid.research.ac.ir/Tahmineh_Jalali)

۱۵. پایان نامه های انجام شده:

۱۴۰۰ – استاد راهنما – زهرا سادات مشرف، کارشناسی ارشد بیوتکنولوژی، جداسازی آپتامر-آپتامرهای DNA تک رشته ای از کتابخانه DNA علیه پروتئین متصل شونده (RBD) ویروس کرونا

۱۶. کتاب های منتشر شده:

1. 2012: Sadegh Chinikar, Nariman Shah Hosseini and Tahmineh Jalali “Crimean-Congo Hemorrhagic Fever and experimental lessons in Iran”, ISBN: 9783659214226, Lambert Academic Publishing, August 2012

۱۷. عضویت در مجامع علمی بعنوان داور، مشاور، عضویت در کمیته ها:

۱۸. جوایز و افتخارات: