

## ***CURRICULUM VITAE***

### **PERSONAL INFORMATION**

- **Name:** MOSTAFA SALEHI-VAZIRI
- **Date of Birth:** Sep 21, 1985
- **Place of Birth:** Iran
- **Gender:** Male
- **Nationality:** Iranian
- **Language:** Persian/English
- **Marital Status:** Married
- **Work Address:** Arboviruses & Viral Hemorrhagic Fevers Dept. (National Reference Laboratory), Pasteur institute of Iran, Pasteur Ave., Tehran 1316943551, Iran.
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### **EDUCATION**

- **Ph.D.** in *Medical Virology*, Tehran University of Medical Sciences, Tehran, Iran (2011-2015).
- **M.Sc.** in *Medical Virology*, Tehran University of Medical Sciences, Tehran, Iran (2009-2011),  
(Top ranked student in the class).
- **B.Sc.** in *Medical Lab. Sciences*, Shiraz University of Medical Sciences, Shiraz, Iran (2007-2008), (Third ranked student in the class).
- **Associate Diploma** in *Medical Lab. Sciences*, Shahid Sadoughi University of Medical Sciences, Yazd, Iran (2004-2007), (Forth ranked student in the class).

### **Awards and Honors:**

- GUINNESS WORLD RECORD- Participant of Most Authors Signing the Same Book Simultaneously.
- Kazemi Ashtiani Award, Iran's National Elites Foundation, 2017.
- Achievement of excellent score (20 out of 20) for Ph.D. thesis (Tehran University of Medical Sciences, 2015).
- Top ranked researcher of virology department, Iran University of Medical Sciences (2015).
- Top ranked student of virology department, Tehran University of Medical Sciences (2012).
- Forth ranked student among the participants in the national entrance exam for Medical Virology Ph.D. program (2011).
- Top ranked student among the participants in the national entrance exam for Medical Virology M.Sc. program (2009).

## **Trainings:**

- GOARN (Global Outbreak Alert and Response Network) Training on Outbreak Response, Mexico City, Mexico. 28 April-6 May 2017.
- Advanced Security In The Field, UNDSS, 27 April 2017.
- Basic Security In The Field II, UNDSS, 28 April 2017.
- Regional ISTC/BACAC “CCHFV/EBOLA Capacity Building Training Seminar for Leading and Young Scientist”. 19<sup>th</sup>-21<sup>st</sup> Sep 2016, Dushanbe, Tajikistan.
- 13th HKU-Pasteur Virology Course “Bats and Viruses”. 10<sup>th</sup>- 22<sup>th</sup> Jul 2016. HKU Research Center, Hong Kong.
- Elsevier Authors Workshop on "How to Write an International Article". 29<sup>th</sup> Oct. 2014, Tehran University of Medical Sciences, Tehran, Iran.
- Twenty-ninth workshop on "teaching strategies and teaching techniques". 2014, Tehran University of Medical Sciences, Tehran, Iran.
- Workshop on Systematic Review & Meta-Analysis during the fifth International Tehran Hepatitis Congress. 15<sup>th</sup>- 17<sup>th</sup> May. 2013, Tehran.
- Principles of protection and bio-safety biological/medical laboratory. 21<sup>th</sup> Jul. 2008, Shiraz University of Medical Sciences, Shiraz, Iran.

## **Professional Affiliations**

- Apr 2022 to present, Director of Research, Technology and Education, Pasteur Institute of Iran, Tehran, Iran.
- Aug 2020 to Jan 2023, Head of COVID-19 National Reference Laboratory, Pasteur Institute, Tehran, Iran.
- Jul 2019 to Feb 2022, Head of Specialized Health Service department, Pasteur Institute, Tehran, Iran.
- Jul 2015 to Feb 2022, Head of Arboviruses & Viral Hemorrhagic Fevers Dept. (National Reference Laboratory), Pasteur Institute, Tehran, Iran.
- Jan 2021 to present, Associate Professor of virology, Arboviruses & Viral Hemorrhagic Fevers Dept., Pasteur Institute, Tehran, Iran.
- Apr. 2015 to Jan 2021, Assistant Professor of virology, Arboviruses & Viral Hemorrhagic Fevers Dept., Pasteur Institute, Tehran, Iran.
- 2011-2015, Ph.D. Candidate and Research Assistant in Tehran University of Medical Sciences, Tehran, Iran.

## **Memberships:**

- Rapid Response Team, Pasteur Institute of Iran.
- Research Center for Emerging and Reemerging Infectious Diseases, Pasteur Institute of Iran.
- Aug 2017 to present, member of Biosafety committee of Pasteur Institute of Iran.
- March 2016 to present, member of National committee of Aedes borne diseases.
- Jul 2015 to present, member of National committee of Crimean-Congo Hemorrhagic Fever.
- Jan 2015 to present, member of Iranian society of virology.

**Research and Technical Skills:**

- Basic molecular biology and recombinant DNA technology (DNA/RNA extraction, Cloning, PCR, RT-PCR, Real Time PCR and DNA Sequencing).
- Mammalian cell culture (adherent and suspension).
- Basic virology techniques (Virus cultivation, Virus titration by TCID<sub>50</sub> and Plaque Assay).
- Molecular epidemiology and phylogenetic analysis.
- Medical Lab. diagnosis tests (Biochemistry, Hematology, Serology, and Microbiology).

**Research Interests:**

- Developing early detection systems for Emerging and Reemerging viral infections
- Molecular Epidemiology of SARS-CoV-2.
- Pathogenesis of SARS-CoV-2.
- Molecular Epidemiology and Phylogenetic Analysis of Arboviruses and Viral Hemorrhagic Fevers.
- Emerging & Re-emerging Viral Infections.
- Pathogenesis of Crimean-Congo Hemorrhagic Fever (CCHFV).
- Molecular epidemiology and oncogenesis of Human Polyomaviruses (MCPyV, JCV, BKV).
- Molecular epidemiology and carcinogenesis of Human Papillomaviruses.
- Molecular epidemiology and antiviral resistance of Hepatitis C Virus (HCV).

**Positions in Research Projects:****1- Principal Investigator and Grant Holder in:**

1. Whole Genome Analysis of SARS-CoV-2 in Iran.
2. Predicting the potential distribution of Alkhurma Hemorrhagic Fever virus and Sever Fever with Thrombocytopenia Syndrome virus vectors in Iran.
3. Study of Crimean-Congo Hemorrhagic Fever Virus Kinetic in serum, whole blood, urine and saliva specimens
4. Whole genome analysis of Crimean-Congo Hemorrhagic Fever virus in Iran. Pasteur Institute of Iran.
5. Evaluation of Crimean –Congo Hemorrhagic Fever (CCHF) infection in Ixodidae ticks in ruminant from Rafsanjan by RT\_PCR in Rafsanjani County in 2016. Pasteur Institute of Iran.
6. Serological analysis for presence of IgG antibody against Hantaviruses in villagers of East-Azarbaijan province. Pasteur Institute of Iran.

7. Evaluation of Tick-Borne Encephalitis Virus infection in *Ixodes ricinus* ticks from Mazandaran province. Pasteur Institute of Iran.
8. Serological and molecular analysis of serum from patients with symptoms of Hantavirus infection IRAN. Pasteur Institute of Iran.
9. Evaluation of sequence variations in ISDR, PKRBD and V3 domains of HCV NS5A gene between interferon and Ribavirin combinational therapy resistant and sensitive strains. Tehran University of Medical Sciences.

## **2- Co-investigator in Granted Projects:**

1. Environmental changes and mosquito-borne diseases: the example of West Nile. Supported by Institute Pasteur
2. Investigation on Coronavirus shedding duration among COVID-19 infected individuals. Supported by Pasteur Institute of Iran
3. Serological analysis for presence of IgG antibody against Chikungunya in serum of sistan va Balochestan province residents. Supported by Pasteur Institute of Iran
4. Investigation of West Nile virus infection in patients with neurological disorders in Mazandaran province. Supported by Pasteur Institute of Iran
5. Study of West Nile virus infection in collected *Culex* mosquitoes in Mazandaran province. Supported by Pasteur Institute of Iran
6. Developing chimeric hepatitis B core antigen virus like particle expressing RBD of spike protein SARS-CoV-2 for vaccine development. Supported by Pasteur Institute of Iran
7. Human Papillomavirus Type 16 Variant Analysis of E6, E7, and L1 Genes and Long Control Region in Cervical Carcinoma Samples. Tehran University of Medical Sciences.
8. Investigation Of Human Brain Tumors For The Presence Of Human Polyomaviruses JC,BK & MCPyV Genome & Evaluation Of Viral LTA<sub>g</sub> & VP1 Gene Expression in These Tumors. Tehran University of Medical Sciences.
9. Association between TRIM22 level of gene expression and response to Peg-Interferon alfa and Ribavirin combinational therapy in hepatitis c virus infected patients. Tehran University of Medical Sciences.
10. Serological and Molecular analysis of serum from patients with symptoms of Hantavirus infection IRAN. Pasteur Institute of Iran.
11. Molecular and Serological analysis of serum from patients with symptoms of Chikungunya virus infection in IRAN. Pasteur Institute of Iran.
12. Serological analysis for presence of IgG antibody against Tick Borne Encephalitis Virus in villagers of Mazandaran province. Pasteur Institute of Iran.
13. Serological analysis of the presence of IgG antibody against West Nile infection in human habitant in Khuzestan province. Pasteur Institute of Iran.
14. Impact of climate changes on the distribution of *Aedes aegypti* and *Aedes albopictus* in Iran. Pasteur Institute of Iran.

15. Molecular epidemiology and distribution pattern of CCHF virus in East of Iran
16. Molecular analysis of West Nile virus infection in Culicine mosquitoes collected from Khuzestan province. Pasteur Institute of Iran.
17. Rodent-borne emerging and re-emerging zoonotic diseases in the north-western Iran: molecular epidemiology, taxonomy, population genetics, and phylogeny of the reservoir hosts and pathogens. Pasteur Institute of Iran. (Supported by NIMAD)
18. Study of West Nile virus infection in suspected CCHF patients with Central neurological manifestation. Pasteur Institute of Iran.

## PUBLICATIONS

- 1- Ahmad Mahmoudi, Ehsan Mostafavi, Ali Mohammadi, Tahmineh Jalali, Christiane Denys, Violaine Nicolas, Jean-Pierre Hugot, Aude Lalis, **Mostafa Salehi-Vaziri\***. **The first identification of Tula orthohantavirus in forest dormice (Rodentia: Gliridae) from Iran.** Mammalia, 2023. <https://doi.org/10.1515/mammalia-2023-0025>.
- 2- Amitis Ramezani, Rahim Sorouri, Saiedeh Haji Maghsoudi, Sarah Dahmardeh, Delaram Doroud, Mona Sadat Larijani, Sana Eybpoosh, Ehsan Mostafavi, Alireza Olyaeemanesh, **Mostafa Salehi-Vaziri**, Anahita Bavand, Ghazaleh Zarghani, Ladan Moradi, Fatemeh Ashrafian, Fahimeh Bagheri Amiri, Parisa Mashayekhi, Zahra Tahmasebi, Alireza Biglari. **PastoCovac and PastoCovac Plus as protein subunit COVID-19 vaccines led to great humoral immune responses in BBIP-CorV immunized individuals.** Scientific Reports, 2023, 13 (1).
- 3- Ehsan Mostafavi, Sana Eybpoosh, Mohammad Karamouzian, Malahat Khalili, Saiedeh Haji-Maghsoudi, **Mostafa Salehi-Vaziri**, et al. **Efficacy and safety of a protein-based SARS-CoV-2 vaccine: a randomized clinical trial.** JAMA Network Open, 2023, 6 (5).
- 4- **Mostafa Salehi-Vaziri**, Farzin Sadeghi, Hayedeh Haeri, Farah Bokharaei-Salim, Seyed Hamidreza Monavari, Firoozeh Sadat Hashemi, Somayeh Jalilvand, Hossein Keyvani. **Lineages and sublineages of human papillomavirus type 16 in cervical samples of Iranian women.** Future Virology, 2023, 18(4).
- 5- Farzane Zare Ashrafi, Marzieh Mohseni, Maryam Beheshtian, Zohreh Fattahi, Fatemeh Ghodratpour, Fatemeh Keshavarzi, Hanieh Behravan, Marzieh Kalhor, Khadijeh Jalalvand, Maryam Azad, Mahdieh Koshki, Ali Jafarpour, Azam Ghaziasadi, Alireza Abdollahi, Seyed Jalal Kiani, Angila Ataei-Pirkooh, Iman Rezaei Azhar, Farah Bokharaei-Salim, Mohammad Reza Haghshenas, Farhang Babamahmoodi, Zakiye Mokhames, Alireza Soleimani, Masood Ziaee, Davod Javanmard, Shokouh Ghafari, Akram Ezani, Alireza Ansari Moghaddam, Fariba

Shahraki-Sanavi, Seyed Mohammad Hashemi Shahri, Azarakhsh Azaran, Farid Yousefi, Afagh Moattari, Mohsen Moghadami, Hamed Fakhim, Behrooz Ataei, Elahe Nasri, Vahdat Poortahmasebi, Mojtaba Varshochi, Ali Mojtabehi, Farid Jalilian, Mohammad Khazeni, Abdolvahab Moradi, Alijan Tabarraei, Ahmad Piroozmand, Yousef Yahyapour, Masoumeh Bayani, Amir Aboofazeli, Parsa Ghafari, Fariba Keramat, Mahsa Tavakoli, Tahmineh Jalali, Mohammad Hassan Pouriayevali, **Mostafa Salehi-Vaziri**, et al. **Implementation of an In-House Platform for Rapid Screening of SARS-CoV-2 Genome Variations**. Archives of Iranian Medicine. 2023, 26 (2).

6- Kourosh Azizi, Hedayat Dorzaban, Aboozar Soltani, Hamzeh Alipour, Seyed Aghil Jaberhashemi, **Mostafa Salehi-Vaziri**, Tahereh Mohammadi, Zahra Fereydouni, Azim Paksa. **Monitoring of Dengue Virus in Field-caught Aedes Species (Diptera: Culicidae) by Molecular Method, from 2016 to 2017 in Southern Iran**. Journal of Health Sciences & Surveillance System. 2023, 11 (1).

7- Mahboube Esmailpour, Mohammad Mohammadimasoudi, Mohammadreza G Shemirani, Ali Goudarzi, Mohammad-Hossein Heidari Beni, Hosein Shahsavarani, Hamid Aghajan, Parvaneh Mehrbod, **Mostafa Salehi-Vaziri**, Fatemeh Fotouhi. **Rapid, label-free and low-cost diagnostic kit for COVID-19 based on liquid crystals and machine learning**. Biosensors and Bioelectronics: X. Volume 12, December 2022, 100233.

8- Mohammad Shoushtari, Farzin Roohvand, **Mostafa Salehi-Vaziri**, Arash Arashkia, Hasan Bakhshi, Kayhan Azadmanesh. **Adenovirus vector-based vaccines as forefront approaches in fighting the battle against flaviviruses**. Human Vaccines & Immunotherapeutics 2022, 18 (5).

9- Ali Maleki, Zahra Fereydouni, Mahsa Tavakoli, Akram Ezani, Mirshamsedin Hosseini, Amir Hesam Nemati, Parastoo Yektay Sanat, Tahmineh Jalali, Mohammad Hassan Pouriayevali, **Mostafa Salehi-Vaziri\***. **Novel Mutations Associated with N-Gene Target Failure in SARS-COV-2 Genome in Iran, Case Series**. JoMMID 2022, 10(3): 141-145.

10- Neda Baseri, **Mostafa Salehi-Vaziri**, Ehsan Mostafavi, Fahimeh Bagheri Amiri, Mina Latifian, John Stenos, Saber Esmaeili. **Investigation of Rickettsia conorii in Patients Suspected of Having Crimean-Congo Hemorrhagic Fever**. Pathogens 2022, 11 (9), 973.

11- Ali Maleki, Mohammad Hassan Pouriayevali, Mahsa Tavakoli, Zahra Ahmadi, Farideh Niknam Oskouei, Zahra Nejatipour, Tahmineh Jalali, **Mostafa**

**Salehi-Vaziri\*. Sequential HCoV-HKU1 and SARS-CoV-2 Infections, a Case Report.** JoMMID 2022, 10(2): 93-97

12- Mohammad Shoushtari, Ladan Mafakher, Saman Rahmati, **Mostafa Salehi-Vaziri**, Arash Arashkia, Farzin Roohvand, Ladan Teimoori-Toolabi, Kayhan Azadmanesh. **Designing vaccine candidates against dengue virus by in silico studies on structural and nonstructural domains.** Molecular and Cellular Probes. Volume 63, June 2022.

13- Pouriayeali Mohammad Hassan , Teimoori Ali, Esmaeili Saber , Abdoli Asghar , Doroud Delaram, **Salehi-Vaziri Mostafa**, Shahali Maryam, Kadkhodazadeh Maryam, Sabouni Talieh , Khosravi Mohammad Ali, Panahi Mohammad, Khoshroo Fereidoon, Bahmanjeh Anahita, Valdes-Balbin Yury , Garcia-Rivera Dagmar, Verez-Bencomo Vicente , Biglari Alireza, Baesi Kazem. **Potency, toxicity and protection evaluation of PastroCoAd candidate vaccines: Novel preclinical mix and match rAd5 S, rAd5 RBD-N and SOBERANA dimeric-RBD protein.** Vaccine, 2022, Article In Press.

14- **Mostafa Salehi-Vaziri**, Mehdi Fazlalipour, Seyed Mahmood Seyed Khorrami, Kayhan Azadmanesh, Mohammad Hassan Pouriayeali, Tahmineh Jalali, Zabihollah Shoja, Ali Maleki. **The ins and outs of SARS-CoV-2 variants of concern (VOCs).** Archives of Virology volume 167, pages327–344 (2022).

15- Mehdi Mohebbali, Gholamreza Hassanpour, Mohammad Zainali, Mohammad Mehdi Gouya, Simin Khayatizadeh, Mehdi Parsaei, Nazila Sarafraz, Mehdi Hassanzadeh, Amrollah Azarm, **Mostafa Salehi-Vaziri**, Farhang Sasani, Zahra Heidari, Tahmineh Jalali, Mohammad Hassan Pouriayeali, Zabihollah Shoja, Zahra Ahmadi, Marzieh Sadjadi, Mahsa Tavakoli, Sanam Azad-Manjiri, Chiman Karami, Zabihollah Zarei. **SARS-CoV-2 in Domestic Cats (Felis Catus) in the North-West of Iran: Evidence for SARS-CoV-2 Circulating between Human and Cats.** Virusres.2022.198673.

16- **Mostafa Salehi-Vaziri**, Mohammad Hassan Pouriayeali, Fatemeh Fotouhi, Tahmineh Jalali, Mohammad Banifazl, Behrokh Farahmand, Mona Sadat Larijani, Zahra Ahmadi, Zahra Fereydouni, Mahsa Tavakoli, Afsaneh Karami, Sanam Azad-Manjiri, Parastoo Yektay Sanati, Sarah Dahmardeh, Amir Hesam Nemati, Marzyie Sajadi, Setareh Kashanian, Amitis Ramezani. **SARS-CoV-2 re-infection rate in Iranian COVID-19 cases within one-year follow-up.** Microbial Pathogenesis, December 2021, 105296.

17- Fatemeh Fotouhi, **Mostafa Salehi-Vaziri**, Behrokh Farahmand, Ehsan Mostafavi, Mohammad Hassan Pouriayeali, Tahmineh Jalali, Vahideh Mazaheri,

Mona Sadat Larijani, Mahsa Tavakoli, Neda Afzali, Afsaneh Zokaei, SeyedeAtefe Hosseini, Mohamad Mahdi Mortazavipour, FaridehNiknam Oskouei, Amitis Ramezani. **Prolonged viral shedding and antibody persistence in patients with COVID-19.** Microbes and Infection, May–June 2021, 104810.

18- Co-author of **Covid Acts of Kindness: A Collection of Stories of Kindness, Compassion, and Courage During Covid** (THE GUINNESS WORLD RECORD holder). North Star Succes Incorporated., 2021, ISBN:1777610702, 9781777610708.

19- Mohammad Shoushtari, **Mostafa Salehi-Vaziri**, Farzin Roohvand, Arash Arashkia, Tahmineh Jalali, Kayhan Azadmanesh. **Taguchi array optimization of the reverse transcription loop-mediated isothermal amplification (RT-LAMP) assay for sensitive and rapid detection of dengue virus serotype 2.** Biotechnology Letters volume 43, pages2149–2160 (2021).

20- **Mostafa Salehi-Vaziri**, Mir Davood Omrani, Mohammad Hassan Pouriaievali, Fatemeh Fotouhi, Mohammad Banifazl, Behrokh Farahmand, Mona Sadat Larijani, Zahra Ahmadi, Zahra Fereydouni, Mahsa Tavakoli, Tahmineh Jalali, Amitis Ramezani. **SARS-CoV-2 presented moderately during two episodes of the infection with lack of antibody responses.** Virus Res. 2021 Jul 2;299:198421. doi: 10.1016/j.virusres.2021.198421. Epub 2021 Apr 6.

21- Tahmineh Jalali, **Mostafa Salehi-Vaziri**, Mohammad Hassan Pouriaievali, Seyed Latif Mousavi Gargari. **Aptamer based diagnosis of crimean-congo hemorrhagic fever from clinical specimens.** Sci Rep. 2021 Jun 16;11(1):12639. doi: 10.1038/s41598-021-91826-8.

22- **Mostafa Salehi-Vaziri**, Arash Arashkia, Ehsan Mostafavi, Tahmineh Jalali, Mohammad Hassan Pouriaievali, Mehdi Fazlalipour, Zabihollah Shoja, Mehdi Rohani, Saber Esmaeili, Fatemeh Fotouhi-Chahooki, Kazem Baesi, Ali Maleki, Seyed Dawood Mousavi Nasab, Zahra Ahmadi, Tahereh Mohammadi, Sanam Azad-Manjiri, Mohammad Sadegh Shams Nosrati, Mahsa Tavakoli, Zahra Fereydouni, Sahar Khakifirouz, Siamak Mirab Samiee, Alireza Biglari, Kayhan Azadmanesh. **How Iran responded to expanding need for laboratory services for COVID-19?** Health Policy Technol. 2021 Jun;10(2):100506. doi: 0.1016/j.hlpt.2021.100506. Epub 2021 Apr 16.

23- Sayedeh Ommolbanin Ghasemian, Mehdi Fazlalipour, Ghasem Hosseini, Mohammad Hassan Pouryaievali, Sanam Azad-Manjiri, Sahar Khakifirouz, Abbas Ahmadi Vasmehjani, **Mostafa Salehi-Vaziri\***. **Serosurvey of Crimean-Congo hemorrhagic fever virus in livestock, Kohgiluyeh**

**and Boyer-Ahmad, Iran, 2017.** Journal of Vector borne disease. DOI: 10.4103/0972-9062.313958.

24- **Mostafa Salehi-Vaziri**, Jamal Sarvari, Maryam Mansurnejadan, Alireza Shiri, Negar Joharinia, Ruhollah Khoshbakht, Omid Jabeti, Mohammad Hassan Pouriayevali, Sanam Azad-Manjiri, Tahmineh Jalali, Mehdi Fazlalipour, Seyed Younes Hosseini. **Evidence of Hantavirus circulation among municipal street sweepers, southwest of Iran.** Virusdisease . 2021 Jun;32(2):251-254. doi: 10.1007/s13337-021-00694-3. Epub 2021 May 21.

25- Arash Arashkia, Somayeh Jalilvand, Nasir Mohajel, Atefeh Afchangi, Kayhan Azadmanesh, **Mostafa Salehi- Vaziri**, Mehdi Fazlalipour, Mohammad Hassan Pouriayevali, Tahmineh Jalali, Seyed Dawood Mousavi Nasab, Farzin Roohvand, Zabihollah Shoja. **Severe acute respiratory syndrome- coronavirus- 2 spike (S) protein based vaccine candidates: State of the art and future prospects.** Rev <https://doi.org/10.1002/rmv.2183> Med Virol. 2020;e2183. 2020.

26- **Mostafa Salehi-Vaziri**, Tahmineh Jalali, Behrokh Farahmand, Fatemeh Fotouhi, Mohammad Banifazl, Mohammad Hassan Pouriayevali, Mona Sadat Larijani, Neda Afzali, Amitis Ramezani. **Clinical characteristics of SARS-CoV-2 by re-infection vs. reactivation: a case series from Iran.** Eur J Clin Microbiol Infect Dis . 2021 Aug;40(8):1713-1719.

27- Ehsan Mostafavi, Abdolmajid Ghasemian, Abubakar Abdinasir, Seyed Alireza Nematollahi Mahani, Salman Rawaf, **Mostafa Salehi Vaziri**, Mohammad Mahdi Gouya, Tran Minh Nhu Nguyen, Salah Al Awaidey, Lubna Al Ariqi, Md Islam, Elmoubasher Abu Baker Abd Farag, Majdouline Obtel, Peter Omondi Mala, Ghassan M Matar, Rana Jawad Asghar, Amal Barakat, Mohammad Nadir Sahak, Mariam Abdulmonem Mansouri, Alexandra Swaka. **Emerging and re-emerging infectious diseases in the WHO Eastern Mediterranean region, 2001-2018.** Int J Health Policy Manag. 2021 Mar 6. doi: 10.34172/ijhpm.2021.13.

28- Arezoo Beig Parikhani, Masoume Bazaz, Hadi Bamehr, Sepideh Fereshteh, Shahin Amiri, **Mostafa Salehi-Vaziri**, Arash Arashkia, Kayhan Azadmanesh. **The inclusive review on SARS-CoV-2 biology, epidemiology, diagnosis, and potential management Options.** Curr Microbiol. 2021 Apr;78(4):1099-1114. doi: 10.1007/s00284-021-02396-x. Epub 2021 Feb 27.

29- **Mostafa Salehi Vaziri**, Gholamreza Mohammadi, Gholamreza Razmi, Ehsan Mostafavi, Sahar Khakifirouz, Tahmineh Jalali, Ali Sarani, Mehdi Fazlalipour, Vahid Baniyasadi, Mohsen Champour. **Seroprevalence of Crimean-Congo**

**haemorrhagic fever virus in onehumped camels and its ribonucleic acid in ticks attached to one-humped camels (*Camelus dromedarius*) imported from Pakistan into Iran.** Journal of Camelid Science 2021, 14 (1): 43-51.

30- **Mostafa Salehi-Vaziri**, Hassan Vatandoost, Alireza Sanei-Dehkordi, Mehdi Fazlalipour, Mohammad Hassan Pouriayeali, Tahmineh Jalali, Tahereh Mohammadi, Mahsa Tavakoli, Azim Paksa, Yaser Salim Abadi. **Molecular Assay on Detection of Crimean Congo Hemorrhagic Fever (CCHF) Virus in Ixodid Ticks Collected from Livestock in Slaughterhouse from South of Iran.** J Arthropod Borne Dis. 2020 Sep 30;14(3):286-292. doi: 10.18502/jad.v14i3.4562. eCollection 2020 Sep.

31- Pedram Talaie, Mohammad Mehdi Sedaghat, Ehsan Mostafavi, Zakiyeh Telmadarraiy, Mehdi Rouhani, **Mostafa Salehi-Vaziri\***. **A Survey of Crimean-Congo Hemorrhagic Fever Virus in Ticks of Shahr-e Ray, Iran, 2016-2017.** Journal of Medical Microbiology and Infectious Diseases. 2020.

32- Masoumeh Amin, Morteza Zaim, Hamideh Edalat, Hamid Reza Basseri, Mohammad Reza Yaghoobi-Ershadi, Farhad Rezaei, Kourosh Azizi, **Mostafa Salehi-Vaziri**, Mohsen Ghane, Saideh Yousefi, Sorna Dabaghmanesh, Sedigheh Kheirandish, Mohammad Esmail Najaf, Jalal Mohammad. **“Seroprevalence Study on West Nile Virus (WNV) Infection, a Hidden Viral Disease in Fars Province, Southern Iran”.** Journal of Arthropod-Borne Diseases.2020.

33- Nayyereh Choubdar, Mohammad Ali Oshaghi, Javad Rafinejad, Mohammad Reza Pourmand, Naseh Maleki-Ravasan, **Mostafa Salehi-Vaziri**, Zakkyeh Telmadarraiy, Fateh Karimian, Mona Koosha, Abbas Rahimi-Foroushani, Safdar Masoomi, Kourosh Arzamani, Jalil Nejati, Mohsen Karami, Ehsan Mozaffari, Yaser Salim-Abadi, Eslam Moradi-Asl, Behrooz Taghilou, Manouchehr Shirani. **“Effect of meteorological factors on Hyalomma species composition and their host preference, seasonal prevalence and infection status to Crimean-Congo haemorrhagic fever in Iran”.** Journal of Arthropod-Borne Diseases”. 2019.

34- Vasmehjani AA, **Salehi-Vaziri M**, Azadmanesh K, Nejati A, Pouriayeali MH, Gouya MM, et al. **Efficient production of a lentiviral system for displaying Crimean-Congo hemorrhagic fever virus glycoproteins reveals a broad range of cellular susceptibility and neutralization ability.** Archives of virology. 2020;165(5):1109-20. DOI: 10.1007/s00705-020-04576-9. PMID:32189084

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- 36-        Pouriayeali MH, Rezaei F, Jalali T, Baniasadi V, Fazlalipour M, Mostafavi E, Khakifirouz S, Mohammadi T, Fereydooni Z, Tavakoli M, Azad-Manjiri S, Hosseini M, Ghalejoogh M, Gouya MM, Failloux AB, **Salehi-Vaziri M. Imported cases of Chikungunya virus in Iran.** BMC Infect Dis. 2019;19(1):1004. DOI: 10.1186/s12879-019-4637-4. PMID: 31775718
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## PRESENTATIONS

- 1- **Salehi-Vaziri M**, Monavari SH , Khalili M, Shamsi-Shahrabadi M, Keyvani H, Mollaei H, Fazlalipour M. The association of HSV-1, 2 infections with male infertility. 2th seminar on reproductive biology, Oct 2012, Yazd, Iran (Oral presentation).
- 2- **Salehi-Vaziri M**, Baniyadi V, Khakifirouz S, Jalali T. Crimean-Congo Hemorrhagic Fever in Iran. A one-day scientific conference of Iranian Society of Virology, Jul 2015, Tehran, Iran (Oral presentation).
- 3- **Salehi-Vaziri M**. Crimean-Congo Hemorrhagic Fever Biosafety. Shahid Beheshti University of Medical Sciences. 21 Nov 2015, Tehran, Iran (Invited oral presentation).
- 4- **Salehi-Vaziri M**. Laboratory Diagnosis of Zika Virus. Pasteur Institute of Iran. 23 Feb 2016, Tehran, Iran (Invited oral presentation).

- 5- **Salehi-Vaziri M.** Laboratory Diagnosis of Zika Virus. Tehran University of Medical Sciences. 26 May 2016, Tehran, Iran (Invited oral presentation).
- 6- **Salehi-Vaziri M.** Laboratory Diagnosis of Zika Virus. Tehran University of Medical Sciences. 26 May 2016, Tehran, Iran (Invited oral presentation).
- 7- **Salehi-Vaziri M.** A Review of Latest Status Diseases from Aedes Mosquitoes. 18<sup>th</sup> International & Iranian Congress of Microbiology, Tehran University of Medical Sciences. 29-31 Aug 2017, Tehran, Iran (Invited oral presentation).
- 8- **Salehi-Vaziri M.** New studies in CCHF. 19<sup>th</sup> International & Iranian Congress of Microbiology, Tehran University of Medical Sciences. 4-6 Sep 2018, Tehran, Iran (Invited oral presentation).
- 9- **Salehi-Vaziri M.** Molecular detection of Rodent borne diseases. International training course on Rodent and Rodent-borne diseases, Research Centre for Emerging and Reemerging infectious diseases (RCERID), Pasteur Institute of 6-10 Oct 2018, Iran, Akanlu, Kabudar Ahang, Hamadan, Iran

#### **SUPERVISOR / ADVISOR OF PH.D. AND M.SC. THESES**

- 1- **Production of a Recombinant Nucleoprotein of Crimean-Congo Hemorrhagic Fever Virus and Development of DNA Aptamer for it by Protein SELEX Method**, Microbial Biotechnology PhD, Shahed University, Tehran, Iran.
- 2- **Immunogenicity Evaluation of Adenovirus Vector containing Structural and nonstructural Proteins of Dengue Virus as a Vaccine Candidate**. PhD, Pasteur Institute of Iran, Tehran, Iran
- 3- **Bacterial microflora and Species richness of Hyalomma spp, the tick vectors of CCHF virus in order to select proper candidate for paratransgenic approach in important CCHF foci in Iran**, Medical Entomology PhD, Tehran University of Medical Science, Tehran, Iran.
- 4- **Detection and Phylogenetic Analysis of Crimean-Congo Hemorrhagic Fever Virus in Hard Tick Population from Kerman Province of Iran**. Molecular Genetics M.Sc. thesis, Tarbiat Modares University, Tehran, Iran.
- 5- **Serological and Molecular analysis of serum from patients with symptoms of Hantavirus infection IRAN**. Microbial Biotechnology MSc, PNU University, Tehran, Iran.
- 6- **Evaluation of Crimean –Congo Hemorrhagic Fever (CCHF) infection in Ixodidae ticks in Kohkilooyeh va Boyerahmad by RT\_PCR in 2016**. Medical Entomology MSc, Shiraz University of Medical Science, Shiraz, Iran.

- 7- **Serological analysis of the presence of IgG antibody against West Nile infection in human habitant in Khuzestan province**, Microbial Biotechnology MSc, PNU University, Tehran, Iran.
- 8- **Spatial Analysis of Crimean –Congo Hemorrhagic Fever (CCHF) disease**. Geographical Information System MSc, K. N. Toosi University of Technology, Tehran, Iran.

## **TEACHING EXPERIENCES**

- 1- Medical virology, theoretical course for BS.c. students, Islamic Azad University, 2022-2023.
- 2- Medical virology, theoretical course for medical students, 2021.
- 3- Medical virology, theoretical course for BS.c. students, 2021.
- 4- Immunology” theoretical course for BS.c. students, 2020.
- 5- “Medical Virology” theoretical course for BS.c. students, 2020.
- 6- “Immunology” theoretical course for BS.c. students, 2019.
- 7- “Immunology” theoretical course for BS.c. students, 2018.
- 8- “Medical Virology” theoretical course for BS.c. students, 2018.
- 9- “Medical Virology” theoretical course for M.Sc. students of Microbiology, Pasteur Institute of Iran, Tehran, 2018.
- 10- “Biosafety in Laboraroty” theoretical course for Ph.D. students, Pasteur Institute of Iran, Tehran, 2018.
- 11- “Medical Virology” theoretical course for M.Sc. students of Microbiology, Pasteur Institute of Iran, Tehran, autumn 2016.
- 12- “Medical Virology” theoretical course for Ph.D. students, Pasteur Institute of Iran, Tehran, autumn 2016.
- 13- “Medical Virology” theoretical course for M.Sc. students of Microbiology, Pasteur Institute of Iran, Tehran, autumn 2015.
- 14- “Medical Virology” theoretical course for Ph.D. students, Pasteur Institute of Iran, Tehran, autumn 2015.

## REFERENCES

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