

# *Curriculum Vita*



First name: **Jamal**  
Family name: **Sarvari**  
Date of birth: June, 24/6/1973  
Place of birth: Shiraz, Iran  
Marital status: Married, Two children

## *Education*

1. Associated degree in medical lab sciences, 1994  
Shahr-kord University of Medical Sciences, Shahr-kord, Iran
2. BS degree in medical lab sciences, 1999  
Kerman University of Medical Sciences, Kerman, Iran
3. MS degree in virology, 2002  
School of public health, Tehran University of Medical Sciences. Tehran, Iran
4. PhD degree in medical virology, 2011  
Tehran University of Medical Sciences. Tehran, Iran

## *Honors Best and Awards*

- The Best Graduated PhD student in Medical virology 2010, Tehran, Iran
- First level, National MSc entrance exam, 2000, Ministry of sciences and technology, Iran
- First level, National PhD entrance exam, 2004, Ministry of Health, Iran
- 8 Months stay in Department of Biochemistry and Functional Proteomics, Yamaguchi University Graduate School of Medicine, Yamaguchi, Japan (Research Fellowship on abroad, Ministry of Health and Medical Education of Iran)

## *Employment*

Department of Bacteriology & Virology, Shiraz University of Medical School. Shiraz, Iran

## ***Publications***

1. TNF-alpha, TNF-beta and IL-4 gene polymorphisms in Iranian patients with multiple sclerosis.  
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3. Cytokine gene polymorphisms and susceptibility to recurrent pregnancy loss in Iranian women.  
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Abdolrahim-zadeh H, Hakkakia N, Asadollahi R, Gharesifard B, Sarvari J Kamali-Sarvestani E, Talei A.
5. Differential expression of haptoglobin isoforms in chronic active hepatitis, cirrhosis and HCC related to HBV infection.  
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6. Secretomic analysis of large cell lung cancer cell lines using two-dimensional gel electrophoresis coupled to mass spectrometry  
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Yousefi Z, **Sarvari J**, Nakamura K, Kuramitsu Y, Ghaderi A, Mojtahedi Z.
7. The Prevalence of HBsAg and HBsAb among Pregnant Women Referring to Zeinabiyeh Hospital, Shiraz Iran  
Shiraz E-Medical Journal , Vol. 13, No. 4, October 2012  
Mohammad Motamedifar, Elham Amini, Pedram Talezadeh Shirazi, **Jamal Sarvari\***
8. Dissemination of Pseudomonas aeruginosa Producing blaIMP1, blaVIM2, blaSIM1, blaSPM1 in Shiraz, Iran  
Jundishapur Journal of Microbiology. 2013 Sep; 6(7): e6920.  
Mahnaz Sarhangi, Mohammad Motamedifar , **Jamal Sarvari**
9. Differentially Expressed Proteins in Chronic Active Hepatitis, Cirrhosis, and HCC Related to HCV Infection in Comparison With HBV Infection: A proteomics study  
Hepatitis Monthly. 2013 Jul; 13(7): e8351.  
**Jamal Sarvari** , Zahra Mojtahedi , Seyed Ali Reza Taghavi, Yasuhiro Kuramitsu, Mahmoud Shamsi Shahrabadi, Abbas Ghaderi, Kazuyuki Nakamura
10. Comparative Proteomics of Sera from HCC Patients with Different Origins  
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11. The Role of Interferon Gamma Gene Polymorphism (+874A/T, +2109A/G, and -183G/T) in Response to Treatment Among Hepatitis C Infected Patients in Fars Province, Southern Iran  
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**Jamal Sarvari**; Hossin Norozian; Mohamad Reza Fattahi; Neda Pirbonyeh; Afagh Moattari

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Kooti S, Motamedifar M, **Sarvari J**

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21. The presence of human papillomavirus DNA in colorectal cancer tissues in Shiraz, Southwest Iran  
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Shahab Mahmoudvand, Akbar Safaei, Nasrollah Erfani, **Jamal Sarvari**
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*Iranian J of Microbiology*, 2016: 8, 1; 55-61.  
, Davood Mansury, Mohammad Motamedifar, **Jamal Sarvari**, Babak Shirazi<sup>3</sup>, Azad Khaledi,
23. The Impact of IFN- $\gamma$  Gene Polymorphisms on Spontaneous Clearance of HCV Infection in Fars Province, Southern of Iran  
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**Sarvari J**, Moattari A, Pirbonyeh N, Moini M, Hosseini SY
24. Emergence of Multidrug Resistance and Metallo-beta-lactamase Producing *Acinetobacter baumannii* Isolated from Patients in Shiraz, Iran  
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30. Association of Genotype and Haplotype of IL-28B Gene with Hepatitis C Infection Outcome in Iran: Spontaneous Clearance Versus Chronic Infection

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**Jamal Sarvari**, Mehran Mansouri, Tayebeh Hashempoor, Seyed Younes Hosseini, Afagh Moattari, Neda Pirbonyeh, Raziieh Dowran, Javad Moayedi, Zahra Musavi, and Mohamad-Reza Fattahi<sup>1</sup>

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Turk J Med Sci (2017) 47: 868-873

Fereshte AMIRAHMADI, **Jamal SARVARI**, Seyed Younes HOSSEINI, Neda PIRBONYEH, Ali Akbar GORZIN

32. Presence of Different Hepatitis C Virus Genotypes in Plasma and Peripheral Blood Mononuclear Cell Samples of Iranian Patients with HIV

*J Med Virol.* 2018;**90**:1343-1351

Farzaneh Dehghani-Deheji<sup>1</sup>, **Jamal Sarvari**<sup>1, 2</sup>, Maryam Esghaei<sup>3</sup>, Seyed Younes Hosseini<sup>1</sup>, Saba Garshasbi<sup>4</sup>, Saeed Kalantari<sup>5</sup>, Seyed Hamidreza Monavari<sup>3</sup>, Atousa Fakhim<sup>6</sup>, Hossein Keyvani<sup>3</sup>, and Farah Bokharaei- Salim<sup>3</sup>

33. Higher Frequency of Transfusion-Transmitted Virus (TTV) in HIV Patients in Comparison with Healthy Blood Donors.

Int J High Risk Behav Addict. 2017:e59363.

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Zahra Hosseinzadeh , Hadi Sedigh Ebrahim-Saraie , **Jamal Sarvari** , Jalal Mardaneh, Behzad Dehghani , Seyed Mohammad Hossein Rokni-Hosseini , Mohammad Motamedifar.

35. Almost Complete Lack of Human Cytomegalovirus and Human papillomaviruses Genome in Benign and Malignant Breast Lesions in Shiraz, Southwest of Iran

*Asian Pac J Cancer Prev*, 18 (12), 3319-3324

Sahar Bakhtyirizadeh, Seyed Younes Hosseini, Ramin Yaghobi, Aliakbar Safaei, **Jamal Sarvari**

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37. Identification of Secretome of MRC-5 Fibroblast Cell Line Using Two-dimensional Electrophoresis Coupled to Mass Spectrometry

*Current Proteomics*, 2018, 15, 77-82

Zahra Mojtahedi, Kazuyuki Nakamura, Yasuhiro Kuramitsu, Abbas Ghaderi and **Jamal Sarvari**

38. The Very Low Frequency of Epstein-Barr, JC and BK Viruses DNA In Colorectal Cancer Tissues in Shiraz, Southwest Iran

*Polish Journal of Microbiology*, 2018, Vol. 67, No 1, 73–79

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41. The prevalence of bacteriospermia in infertile men and association with semen quality in Southwestern Iran.

*Infect Disord Drug Targets*. 2018 Nov 23.

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42. Recombinant NS3 Protein Induced Expression of Immune Modulatory Elements in Hepatic Stellate Cells During Its Fibrotic Activity.

*Viral Immunol*. 2018 Oct;31(8):575-582.

Jamhiri I, Shahin K, Khodabandeh Z, Kalantar K, **Sarvari J**, Atapour A, Mina F, Ahmadnejad A, Hosseini SY.

43. ASSOCIATION OF PD-1 GENE WITH OUTCOME OF HEPATITIS C VIRUS INFECTION

*EXCLI Journal* 2018;17:935-944

**Jamal Sarvari**<sup>1,2</sup>, Raziheh Dowran<sup>2</sup>, Seyed Younes Hosseini<sup>2</sup>, Mohammad Reza Fattahi<sup>1</sup>, Nasrollah Erfani<sup>3,\*</sup>

44. The occurrence of blaTEM, blaSHV and blaOXA genotypes in Extended-Spectrum  $\beta$ -Lactamase (ESBL)-producing *Pseudomonas aeruginosa* strains in Southwest of Iran

*Gene Reports* 13 (2018) 19–23

Ali Nazari Alama,<sup>b</sup> **Jamal Sarvaria**, Mohammad Motamedifara, Hossein Khoshkharama, Masoud Yousefci, Rezvan Monirib, Abdollah Bazargania

45. Comparison of ISG15, IL28B and USP18 mRNA levels in peripheral blood mononuclear cells of chronic hepatitis B virus infected patients and healthy individuals

Gastroenterol Hepatol Bed Bench 2019;12(1):38-45

Seyed Mohammad Ali Hashemi<sup>1</sup>, **Jamal Sarvari**<sup>1, 2</sup>, Mohammad Reza Fattahi<sup>2</sup>, Razieh Dowran<sup>1</sup>, Amin Ramezani<sup>3</sup>, Seyed Younes Hosseini<sup>1</sup>

46. No detection of EBV, BKV and JCV in breast cancer tissue samples in Iran

*BMC Res Notes* (2019) 12:171

Razieh Dowran<sup>1</sup>, Negar Joharinia<sup>1</sup>, Akbar Safaei<sup>2</sup>, Sahar Bakhtiyarizadeh<sup>1</sup>, Abootaleb Alidadi Soleimani<sup>1</sup>, Rasool Alizadeh<sup>1</sup>, Sara Mir-Shiri<sup>1</sup> and **Jamal Sarvari**<sup>1,3</sup>

47. Comparison of pre-S1/S2 variations of hepatitis B virus between asymptomatic carriers and cirrhotic/ hepatocellular carcinoma-affected individuals

Clin Exp HEPATOL 2019; 5, 2: 1–8

Mohammad Taghiabadi<sup>1</sup>, Seyed Younes Hosseini<sup>1</sup>, Ali Akbar Gorzin<sup>1</sup>, Seyed Alireza Taghavi<sup>2</sup>, Hamid Reza Monavari<sup>3</sup>, **Jamal Sarvari**<sup>1,2</sup>

48. Association of HBsAg mutation patterns with hepatitis B infection outcome: Asymptomatic carriers versus HCC/cirrhotic patients

Annals of Hepatology 18 (2019) 640–645

VirusDis.

Seyed Y. Hosseinia, Neda Sanaeia, Mohamad-Reza Fattahib, Seyed A. Malek-Hosseinic, **Jamal Sarvari**

49. Association of HPV16 and 18 genomic copies with histological grades of cervical lesions  
Negar Joharinia, Ali Farhadi, Seyed Younes Hosseini, Akbar Safaei, **Jamal Sarvari**

50. Signature of natural resistance in NS3 protease revealed by deep sequencing of HCV strains circulating in Iran

Infection, Genetics and Evolution 75 (2019) 103966

Lize Cuypers, Marijn Thijssen, Arash Shakibzadeh, Ward Deboutte, **Jamal Sarvari**, Farzaneh Sabahib, Mehrdad Ravanshad, Mahmoud Reza Pourkarim

51. The Investigation of Drug Resistance Substitutions in NS3 Protease Sequence of Hepatitis C Virus from Non-Responder Patients

*Asian Pac J Cancer Prev*, 20 (8), 2311-2317

Nargess Nejabat<sup>1</sup>, Seyed Younes Hosseini, **Jamal Sarvari**, Ali Akbar Gorzin, Mohammad Reza Fattahi, Mohammad Rasoolian

52. Serum levels of anti-hepatitis B surface antibodies among vaccinated children aged 1 to 12 years in a rural community in Fars Province, southern Iran

*J Immunoassay Immunochem.* 2020;41(1):20-27. doi: 10.1080/15321819.2019.1675696. Epub 2019 Oct 7.

Nasir Arefkhah, Sina Vafazadeh, Sepehr Shahriarirad, Fariba Ghorbani, Sina Zoghi, Mehdi Emami, Bardia Zamiri, Mohammad Reza Cheraghi, **Jamal Sarvari** & Bahador Sarkari

53. Knowledge and Awareness Regarding Hepatitis B, Hepatitis C, and Human Immunodeficiency Viruses Among College Students: A Report From Iran  
*Int Q Community Health Educ.* 2019 Dec 26:272684X19896727. doi: 10.1177/0272684X19896727  
Behzad Dehghani<sup>1</sup>, Ali Dehghani<sup>1</sup>, and **Jamal Sarvari**
54. Gene Delivery by Pei-Nanocomplex Into Breast and Colorectal Tumor Cell Lines, the Impacts of N/P Ratio, Size and Type of the Cell  
*FABAD J. Pharm. Sci.*, 45, 1, 19-27, 2020  
Mohammad RASOOLIAN , Seyed Younes HOSSEINI, Hossein KHANAHMAD , **Jamal SARVARI** , Fatemeh RAHBARIZADEH , Ali Mohammad AMANI, Nasrollah ERFANI , Majid KHEIROLLAHI
55. Co-existing of HSV1/2 or EBV Infection with the Presence of High-Risk HPV DNA in Cervical Lesions in the Southwest of Iran  
*Asian Pac J Cancer Prev*, 21 (5), 1459-1464  
Negar Joharinia, Sajad Faghihinezhad, Keyvan Seyedi<sup>1</sup>, Ali Farhadi, Seyed Younes Hosseini, Akbar Safaei, Helen Baharampour<sup>1</sup>, **Jamal Sarvari**
56. Seroprevalence of anti-hepatitis E antibodies and antigens among HIV infected patients in Fars Province, southern Iran  
*Virology Journal* (2020) 17:109  
Reza Shahriarirad, Amirhossein Erfani, Mohammad Rastegarian, Ali Zeighami, Nasir Arefkhan, Fariba Ghorbani, **Jamal Sarvari** and Bahador Sarkari
57. Impact of IL28 Genotypes and Modeling the Interactions of HCV Core Protein on Treatment of Hepatitis C  
*Interdisciplinary Sciences: Computational Life Sciences*
- Tayebeh Hashempour Behzad Dehghani Zahra Musavi<sup>1</sup> Javad Moayedi Zahra Hasanshahi **Jamal Sarvari** Seyed Younes Hosseini Ebrahim Hosseini Maryam Moeini Shahin Merat
58. Serosurvey of parvovirus B19 and cytomegalovirus infections among female university students in Shiraz, Southern Iran  
*J OF Immunoassay and immunochemistry*, 2021 Mar 4;42(2):202-209  
JohariniaN , Salehnasab P , Shirvani M , Shahriari B , Savardashtaki A , **Sarvari J**
59. The Inflammatory and Fibrotic Patterns of Hepatic Stellate Cells Following Coagulation Factors (VII or X)-Shielded Adenovirus Infection  
*Curr Microbiol.* . 2021 Feb;78(2):718-726.  
Shiri A , **Sarvari J**, Firoozi Ghahestani S, Gholijani N, Tamaddon AM, Rastegari M, Moattari A, Hosseini SY
60. The Prevalence of Hepatitis B Virus Markers among Students of Shiraz University of Medical Sciences  
Dowran R, Malekzadeh M, Nourollahi T, Sarkari B, **Sarvari J**  
*Advanced Biomedical Research*, 2021 ; 10, 1 Page : 7
61. The Effect of Silibinin on the Expression of TLR7, ISG15, and SOCS1 in Peripheral Blood Mononuclear Cells of Hepatitis C Infected Patients in Comparison with Interferon- $\alpha$   
*Journal of Medical Microbiology and Infectious Diseases*



Dowran R, Hosseini SY, Fattahi MR, **Sarvari J**

62. Human gene polymorphisms and their possible impact on the clinical outcome of SARS-CoV-2 infection

Archives of Virology 2021

Seyed Mohammad Ali Hashemi · Marijn Thijssen · Seyed Younes Hosseini · Alijan Tabarraei · Mahmoud Reza Pourkarim · **Jamal Sarvari**

63. Evidence of Hantavirus circulation among municipal street sweepers, southwest of Iran

VirusDisease, 2021

Mostafa Salehi-Vaziri, **Jamal Sarvari**, Maryam Mansurnejadan, Alireza Shiri, Negar Joharinia, Ruhollah Khoshtakht, Omid Jaber, Mohammad Hassan Pouriayeali, Sanam Azad-Manjiri, Tahmineh Jalali, Mehdi Fazlalipour & Seyed Younes Hosseini

64. IL-17 Genetic Variations Increase the Risk of Cirrhotic/Hepatocellular Carcinoma in Patients with Hepatitis B Virus Infection

*Iran J Immunology*

Abolfazl Gheshlaghi, Mohammad Reza Haghshenas, Ali Reza Safarpour, Seyed Younes Hosseini, Mohammad Reza Fattahi, Seyed Ali Malek Hosseini, **Jamal Sarvari**

65. Relative frequency of hepatitis B virus, human papilloma virus, Epstein-Barr virus, and herpes simplex viruses in the semen of fertile and infertile men in Shiraz, Iran: A cross-sectional study

International Journal of Reproductive BioMedicine, Volume 19, Issue no. 8,

Hossein Afrakhteh, Negar Joharinia, Akhtar Momen, Raziheh Dowran, Candidate, Abouzar Babaei, Candidate, Parisa Namdari, Mohammad Motamedifar, Bahia Namavar Jahromi, **Jamal Sarvari**

66. Association of Epstein–Barr Virus and Cytomegalovirus Infections with Esophageal Carcinoma

Int J Cancer Manag. 2021 October; 14(10):e114566. 2021 October 30.doi:

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**Jamal Sarvari**, Ahmad Habibi, Afagh Moattari, Amir Taher Eftehkar Sadat and Mahin Ahangar Oskouee

67. The seroepidemiology and risk factors of West Nile virus infection in blood donors of Fars province, southwest of Iran

Future Virology,

**Jamal Sarvari**, Seyed Y Hosseini, Faezeh Mosayebi, Masoud T Ardekani, Negar Joharinia, Nasir Arefinia, Sanam Azad-Manjiri, Mehdi Fazlalipour, Mohammad H Pouriayeali, & Mostafa Salehi-Vaziri

68. Precore/core mutations of hepatitis B virus genotype D arising in different states of infection

Clin Exp HEPATOL 2022; 8, 1: 21–28

Neda Sanaei, Seyed Mohammad Ali Hashemi, Seyedeh Zahra Salehi Dehno, Mozhdde Mahmoudi Asl, Maryam Moini, Seyed Ali Malek-Hosseini, Seyed Younes Hosseini, **Jamal Sarvari**

69. Serosurvey of hepatitis A virus and E virus infection among municipal sweepers working in the largest city in the south of Iran

JOURNAL OF IMMUNOASSAY AND IMMUNOCHEMISTRY

Seyed Younes Hosseini, Negar Joharinia, Seyed Ali Hosseini, Saeed Firoozi Ghahestani, Rozita Ghojoghi, Kourosh Dorost, Mohsen Moghadami, Abolfazl Gheshlaghi, Omid Jaber, Rohollah Khoshtakht & **Jamal Sarvari**  
<https://doi.org/10.1080/15321819.2022.2052088>

70. Lower frequency of T stem cell memory (TSCM) cells in hepatitis B vaccine nonresponders

Immunologic Research

<https://doi.org/10.1007/s12026-022-09278-9>

Mahsa Eshkevar Vakili · Zahra Faghih · **Jamal Sarvari** · Mehrnoosh Doroudchi · Seyed Nezamedin Hosseini · Dieter Kabelitz · Kurosh Kalantar

71. Gastrointestinal Manifestations in Patients Infected with SARS-CoV-2

Iran J Med Microbiol. 2022; 16(4): 271-281

Nasir Arefinia, Zohreh-al-Sadat Ghoreishi, Amir Hossein Alipour<sup>1</sup>, Hamid Reza Molaei, Mohammad Samie and **Jamal Sarvari**

72. Association between IL-22 polymorphism (Rs1179251) and outcomes of HBV infection Human Gene, 33 (2022) 201059

Mohammad Javad Khaksar, **Jamal Sarvari**, Zahra Faghih, Mehdi Ajorloo, Sayyad Khanizadeh,

73. ASSOCIATION BETWEEN EXPRESSION OF ZBP1, AIM2, AND MDA5 GENES AND SEVERITY OF COVID-19

Nasir Arefinia, Amin Ramezani, Mehrdad Farokhnia, Ali Mohammad Arab Zadeh, Ramin Yaghobi, **Jamal Sarvari**

*EXCLI Journal* 2022;21:1171-1183

74. A comprehensive narrative review of the cutaneous manifestations associated with COVID-19

Nasir Arefinia, Zohreh al-sadat Ghoreishi, Amir Hossein Alipour, Behzad Iranmanesh, Niloofar Mehrolohasani, Simin Shamsi-Meymandi, **Jamal Sarvari**

*Int Wound J.* 2022;1–9.

75. Emergence of OXA-10 and OXA-48 Like Carbapenemases among *Enterobacter* Isolates from Inpatients in Namazi Hospital in Shiraz

Melika Moradi, Reza Khashei, Yalda Malekzadegan, **Jamal Sarvri**,

*Infection Epidemiology and Microbiology* Summer 2022, Volume 8, Issue 3

76. Investigation of Hepatitis B Virus X Gene Mutations in Patients with and without Cirrhosis/Hepatocellular Carcinoma

Seyed Mohammad Ali Hashemi, Neda Sanaei, Mohammad Reza Fattahi, Seyed Ali Malek-Hosseini, Seyed Younes Hosseini, **Jamal Sarvari**

*Journal of the Indian Medical Association* Vol 120, No 9, September 2022

77. A New Insight Into p53-Inhibiting Genes in Epstein–Barr Virus-Associated Gastric Adenocarcinoma

Seyed Mohammad Ali Hashemi, Abdolvahab Moradi, Seyed Younes Hosseini, Hadi Razavi Nikoo, Taravat Bamdad, Zahra Faghih<sup>4</sup>, **Jamal Sarvari**, Alijan Tabarraei

*Iranian Biomedical Journal* 27 (1): 34-45 January 2023

78. The molecular epidemiology, genotyping, and clinical manifestation of prevalent adenovirus infection during the epidemic keratoconjunctivitis, South of Iran  
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## ***Experience***

### ***Teaching***

Virology lecturer for PhD student of Virology

Virology lecturer for MSc student of Virology and Bacteriology

Virology lecturer for Medical, Pharmacy and Dental students

Virology lecturer for Laboratory medicine, Nursing and Midwifery students  
Virology lecturer for Public health, Surgical Technology, IT and Anesthesia students

In Shiraz university of Medical Sciences, 2007-2021.

### ***Techniques***

1. Expert in several immunological based techniques including: ELISA and NA.
2. Expert in several molecular based techniques including Real-Time PCR, PCR.
3. Expert in 2-Dimensinal Electrophoresis and Liquid Chromatography Tandem Mass Spectrometry ( 8 months training in Yamaguchi University,Ube, Japan).

### ***Foreign Language***

English as the second language

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