

CURRICULUM VITAE **(CV)**

Name: Seyed Davar **Family:** Siadat

Date of birth: 1970

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ACADEMIC EXPERIENCES:

Staff Member Department of **Hepatitis & AIDS** Bacterial Vaccine and Antigen Production, Pasteur Institute of Iran, Tehran, Iran (2006).

Assistant professor Department **Production of Hepatitis & AIDS and Bacterial Vaccine and Antigen**, Pasteur Institute of Iran, Tehran, Iran (since 2006).

Associate professor 1- Department of Mycobacteriology and Pulmonary Research and
2- Microbiology, Pasteur Institute of Iran, Tehran, Iran (since 2010).

EDUCATIONAL RECORDS:



Degree	Institution	Field	Date
B.Sc.	Shahid Beheshti University	Medical Laboratory Sciences	1997
M.Sc.	Tarbiat Modarres University	Medical Microbiology	2000
Ph.D.	Tarbiat Modarres University	Medical Microbiology	2005

MEMBERSHIP OF SCIENTIFIC SOCIETIES:

European Society of Clinical Microbiology and Infectious Disease (ESCMID) since:2005
Iranian Society of Microbiology
The International Society of Infectious Disease(ISID)
Iranian Society of Biotechnology

RESEARCH INTERESTS:

1- Bacterial Vaccines.

2- New Generation of Sub-Unit Vaccine

2-a- Conjugate Vaccines

2-b- Recombinant Vaccine

3- Extraction , Biochemical & Molecular Evaluation of Bacterial Component.

4- Antimicrobial Resistance.

4-a- Molecular Diagnostic.

4-b- Mechanisms of Induction & Rate of Transfer.

5- Immunological Evaluation of Bacterial Vaccines

6- Molecular Diagnostic in Clinical Microbiology

7- The Scientific Instructor in the Optimization and Purification of Recombinant Protein, Pasteur Institute of Iran , 2011.

8- Scientific Contribution of 3 rd Eurasia Congress of Infectious Diseases (EACID). 1-4 Oct. 2009, Baku, Azerbaijan.

SHORT TERM TRAINING:

1- Six month training on *Advanced Biochemical Analysis*. Aug.- Dec, 2000. Maleknia Clinical Laboratory.

2- Six month training on *Infectious Disease Course*. May-Oct, 2001. Tehran University of Medical Sciences and Health Services. Department of Infectious Disease.

3- *Antibiotic Resistance*, Conduced on May 2005. Broojerd, Iran.

4- Workshop on *Advanced Molecular Genetics Course*, June10-20, 2006, *Pasteur Institute of Iran, Tehran*.

5- Workshop of *An Introduction to the Planning for Project Management*. May 29, 2006, *Pasteur Institute of Iran*.

6- Workshop on *Identification of Disease Genes Course*. May 23, 2006, Iranian Molecular Medicine Network, *Pasteur Institute of Iran, Tehran*.

7- Workshop on *GLP*. Feb. 1-3, 2006. The 4th national congress on improving the quality in clinical laboratories, Tehran.

- 8- Training course on **Biological Pharmaceutical Preparations**. June 21, 2007. The 3rd Iranian Conference of Novel Drug Delivery Systems, Tehran.

Book author:

1- **General Biochemistry** *Shahbazimaleknia*, Vol 1. Member's of Contributors. Tehran University Press, 2002, Reprint 2004& 2007.

2- **General Biochemistry** *Shahbazimaleknia*, Vol 2. Member's of Contributors. Tehran University Press, 2002, Reprint 2004& 2007.

3- Book Chapter :

Brucellosis Vaccines: An Overview. by Seyed Davar Siadat, Ali Sharifat Salmani and Mohammad Reza Aghasadeghi in the book "Zoonosis" edited by Jacob Lorenzo-Morales, ISBN 978-953-51-0479-7, InTech, April 4, 2012

RESEARCH PUBLICATIONS (Journal Papers):

1. *Siadat SD. News of medical sciences. InVITRO*, 4:25-28, 2002.
2. *Siadat SD*, Behzadiannejad Q, Najar-Peerayeh S, and Rezaee A. *The Role of Iodine in Ampicilin and Tetracycline Antibiotic Resistance Transfer. Scientific-Research Journal of Shahed University, Daneshvar Medicine*, 49:25-32, 2004.
3. Ahmadi H., Tabaraie B., Nejati M., *Siadat SD.*, Hedayati MH and Pormirzagholi F. *Large Scale Production of Vi Capsular Polysaccharide Typhoid Vaccine. Clinical Biochemistry* , 38:848-849 , 2005.
4. Najar-Peerayeh S and *Siadat SD. Comparison of Culture with the Polymerase Chain Reaction Detection of Ureaplasma urealyticum in Endocervical Specimens. Clinical Microbiology and Infection (CMI)*,11: sup2:252, 2005.
5. *Siadat SD*, Behzadiannejad Q, Tabaraie B, Najar-Peerayeh S, Ahmadi H., and Nejati M. *Production, Extraction and Evaluation of Neiseseria meningitidis serogroup B Outer Membrane Vesicle Containing PorA. Clinical Microbiology and Infection (CMI)*,11: sup2:739-740, 2005.

6. Soleimanjahi H, Bamdad T ,Fotouhi Chahooki F ,Roostae M and **Siadat SD**. *Seroprevalence of Rubella Antibodies among Young Population in Tehran, Iran*. **Clinical Microbiology and Infection (CMI)**,11: sup2:740, 2005.
7. Najar-Peerayeh S., Behzadiannejad Q. and **Siadat SD**. *Chlorine Induced Antibiotic Resistance in Salmonella typhimurium*. **Scientific-Research Journal of Shahed University, Daneshvar Medicine**,61:57-64, 2006.
8. Ahmadi H., Tabaraie B., Nejati M., **Siadat SD**, and Poor Mirzaghali F. *Immunological Evaluation of OMV-F Vesicle of Pseudomonas aeruginosa CSBPI:16-190 as a Protective Vaccine in Mice Model*. **National Research of Medical Sciences, Hakim**, 9(1):38-44, 2006.
9. **Siadat SD**, Behzadiannejad Q, Tabaraie B, Najar-Peerayeh S, Ahmadi H., and Nejati M. *Extraction and Molecular Evaluation of Neisseria meningitidis Serogroup B Outer Membrane Vesicle Containing PorA*. **Scientific-Research Journal of Shahed University, Daneshvar Medicine**,65:32-37, 2006.
10. **Siadat SD**, Behzadian-Nejad Q, Tabaraie B, Ahmadi H, Najar-Peerayeh S,Nouroziyan Shamasbi D, Nejati M, Kheirandish M, Rezvan H, Moosavi Hossaini K, Adibi Motlagh B, Moshiri A. *Immunological Evaluation of Neisseria meningitidis Serogroup B Outer Membrane Vesicle Containing PorA Conjugated with Neisseria meningitidis Serogroup A Capsular Polysaccharide in Rabbit*. **Clinical Microbiology and Infection (CMI)**, Vol. 11, Sup. 2:123, 2006.
11. Kheirandish M, **Siadat SD**, Behzadiannejad Q, Tabaraie B, Ahmadi H, Najar-Peerayeh S, , Nejati M, Mahmoodi K. *A Flow Cytometric Opsonophagocytic Assaya for Measurement of Functional Antibodies Elicited after Immunization with the Neisseria meningitides Serogroup A Capsular Polysaccharied- Serogroup B Outer Membrane Vesicle Conjugate Vaccine in Animal Model*. **Clinical Microbiology and Infection (CMI)**, Vol. 11, Sup. 2: 122-123, 2006.
12. **Siadat SD**, Norozian D., Tabaraie B, Behzadiannejad Q, Ahmadi H., Najar-Peerayeh S., Nejati M., and Adibi Motlagh B. *Comparative Studies of Conjugated Capsular Polysaccharide of Neisseria meningitidis Serogroup A with*

Outer Membrane Vesicle of Neisseria meningitidis Serogroup B. Res J Microbiol. 2 (4): 337-345, 2007.

13. **Seyed Davar Siadat**, Bahman Tabaraie, Qurban Behzadiannejad, Dariush Norouziuan, Hojat Ahmadi, Shahin Najar-Peerayeh, Ashraf Mohebaty Mobarez, Mahdi Nejati, Mohammad Hassan Hedayati. *Bactericidal Activity of Outer Membrane Vesicle of Neisseria meningitidis Serogroup B as a Vaccine Candidate in Animal Model. Iranian Journal of Infectious Disease and Tropical Medicine.* 12(36): 11-17, 2007.
14. **Siadat SD**, Behzadiannejad Q, Tabaraie B, Ahmadi H, Norouziuan D, Najar-Peerayeh S, Nejati M, Hedayati MH, and Zangeneh M. *Evaluation of Serum Bactericidal Activity Specific for Neisseria meningitidis Serogroup A and B : Effect of Immunization with Neisseria meningitidis Serogroup A Polysaccharide and Serogroup B Outer Membrane Vesicle Conjugate as a Bivalent Meningococcus Vaccine Candidate. Res J Microbiol.* 2 (5): 436-444, 2007.
15. **Seyed Davar Siadat** and Dariush Norouziuan. *Past, Present and Future Perspective of Meningococcal Vaccine. J Infect Develop Countries* 1(2): 129-146, 2007.
- 16- Nima Rezaei, Asghar Aghamohammadi, **Seyed Davar Siadat** , Mehdi Nejati, Hojat Ahmadi, Mostafa Moin, Zahra Pourpak , Samineh Kamali, Dariush Norouzian, Bahman Tabaraei and Robert C. Read. *Serum Bactericidal Antibody Response to Serogroup C Polysaccharide Meningococcal Vaccination in Children with Primary Antibody Deficiencies. Vaccine,* 25: 5308-5314, 2007.
- 17- Reza Shapuri, Ashraf Mohebaty Mobarez, Hojat Ahmadi, Bahman Tabaraie, Reza Hosseini Doust, Ahmad Zavaran Hosseini, **Seyed Davar Siadat**. *Optimization of Brucella abortus Fermenter Cultural Conditions and LPS Extraction Methods for Antigen production. Res J Microbiol.* 3(1):1-8, 2008.
- 18- Behzadiannejad Q, **SiadatSD**, Kheirandish M, Tabaraie B, Ahmadi H, Dariush Norouziuan, Najar-Peerayeh S, Nejati M, Hedayati MH. *Comparison Among Opsonic Activity against Meningococci in Rabbit Sera from Vaccines after*

*Immunization with Outer Membrane Vesicle of Neisseria meningitidis Serogroup B. Res J Microbiol.*3(3): 105-113, 2008.

19- *Seyed Davar Siadat*, Dariush Norouzian, Seyed Mohammad Atyabi, Behzad Adibi Motlagh, Mehdi Nejati, Maryam Karbasiyan. *Role of Polysaccharide Activators in Designing Glycoconjugate Vaccines. Archives of Iranian Medicine*, 10(4),Suppl 1: 61, 2007.

20- *Siadat SD*, Kheirandish M ,Norouzian D, Behzadiyannejad Q, Najar pirayeesh S, Zangeneh M, Nejati M. *A Flow Cytometric Opsonophagocytic Assay for Measurement of Functional Antibodies Elicited after Immunization with Outer Membrane Vesicle of Neisseria meningitidis Serogroup B. Pak J Bio Scin*,10(20): 3578-3584, 2007.

21- Alireza Goodarzi, Maryam Kheirandish, Aliakbar Pourfathollah, *Seyed Davar Siadat*, Zahra Pourpak *Characterization of Megakaryocyte Progenitor Cells Differentiated from Umbilical Cord Blood CD133- and CD133– Cells. Yakhteh. Medical Journal (The Cell)*. 9(35), 190-195, 2007.

22- Adlimoghadam A, Hedayati M, *Siadat SD*, Ahmadi H, Norouzian D. Optimization of PCR Conditions for Detection of Human Brucellosis from Human Serum Samples. *Res J Microbiol.*, 3(5):325-358,2008.

23- M. Zangeneh, *SD Siadat*, M. Jamshidi, MM Alijani, B Farhoudi and M Valizadeh . *Zinc Level of Serum in Recurrent Vulvovaginal Candidiasis. Res J Biol Sci*. 3 (5): 515-518, 2008.

24- Karbasian M, Atyabi SM, *Siadat SD*, Momen SB and Norouzian D. *Optimizing Nano-silver Formation by Fusarium oxysporum PTCC 5115 Employing Response Surface Methodology. American Journal of Agriculture and Biological Sciences*. 3(1): 433-437, 2008.

- 25- Kheirandish M, Ebtekar M, Pourfathollah AA, Mohammad Hassan Z, **Siadat SD**, Kazem Nejad A. *Do preterm cord blood CD4+/CD8+, CD45RA+/RO+ cells demonstrate distinct functional properties compared with their term cord blood counterparts?. Blood Journal*, 4(3): 189-199, 2007.
- 26- Ali Sharifat Salmani, **Seyed Davar Siadat**, Dariush Norouzian , Hojat Ahmadi, Mehdi Nejati, Bahman Tabaraie, Seyed Mohammad Atyabi, Mehrangize Zangeneh, Ashraf Mohabati Mobarez, Reza Shapouri, Mehdi Abbasi and Maryam Karbasian. *Optimization of Brucella abortus S99 Lipopolysaccharide Extraction by Phenol and Butanol Methods. Res J Bio Sci.* 3(6): 576-580,2008.
- 27- A. Rezaee, Gh. Ghanizadeh, A.R. Yazdanbakhsh, Gh. Behzadiannejad, M.T. Ghaneian, S.D. Siadat, E. Hajizadeh. *Removal of Endotoxin in Water Using Ozonation Process. Australian Journal of Basic and Applied Sciences*, 2(3): 495-499, 2008.
- 28- MH Hedayati, A Adli Moghaddam, D Norouzian, B Tabaraie, H Ahmadi, **SD Siadat**. *Improved Diagnosis of Brucella in Human Serum Samples by Double PCR Assay. Iranian Journal of Medical Microbiology (IJMM)*,1(3):47-51,2008.
- 29- Abbas Rezaee, Ghader Ahanizadeh, Ahmad Reza Yazdanbakhsh, Ghorban Behzadian nejad, Mohamad Taghi Ghjaneian, **Seyed Davar Siadat**, Ebrahim HAjizadeh. *Survey of the effect of water disinfection with chlorine on release and removal of endotoxin. Journal of Military Medicine*,9(4),2008.
- 30- Nima Rezaei, Asghar Aghamohammadi, **Seyed Davar Siadat**, Mostafa Moin, Zahra Pourpak, Mehdi Nejati, Hojat Ahmadi, Samineh Kamali, Dariush Norouzian, Bahman Tabaraei and Robert C. Read. *Clinical Classification of Common Variable Immunodeficiency based upon Serum Bactericidal Antibody Responses to Meningococcal Polysaccharide Vaccination. Clin Vaccine Immunol (CVI)*, 15(4): 607-611, 2008.
- 31- Ali Sharifat Salmani, **Seyed Davar Siadat** , Dariush Norouzian, Jalal Izadi Mobarakeh, Maryam Kheirandish, Mehrangiz Zangeneh, Mohammad Reza

- Aghasadeghi, Mehdi Nejati, Mohammad Hossein Hedayati, Arfa Moshiri, Seyed Mehdi Sadat. *Outer Membrane Vesicle of Neisseria meningitidis Serogroup B as an Adjuvant to Induce Specific Antibody Response against the Lipopolysaccharide of Brucella abortus S99*. **Annals of Microbiology**. 59(1): 145-149, (2009).
- 32- Ali Sharifat Salmani, **Seyed Davar Siadat**, Mohammad Reza Fallahian, Hojat Ahmadi, Dariush Norouzian, Parichehr Yaghmai, Mohammad Reza Aghasadeghi, Jalal Izadi Mobarakeh, Seyed Mehdi Sadat, Mehrangize Zangeneh and Maryam Kheirandish. *Serological Evaluation of Brucella abortus S99 Lipopolysaccharide Extracted by an Optimized Method*. **American Journal of Infectious Disease**. 5(1): 11-16,(2009).
- 33- A. Rezaee, Gh. Ghanizadeh , Gh. Behzadiyannejad, A. Yazdanbakhsh and **S. D. Siyadat**. *Adsorption of Endotoxin from Aqueous Solution Using Bone Char*. **Bull Environ Contam Toxicol**. 82:732–737, 2009.
- 34- Maryam Kheirandish , **Seyed Davar Siadat** , Dariush Norouzian , Mohamad Reza Razavi , Mohammad Reza Aghasadeghi , Nima Rezaie , Ali Farazmand , Jalal Izadi Mobarakeh , Mehrangiz Zangeneh, Arfa Moshiri , Seyed Mehdi Sadat , Ali Sharifat Sslmani. *Measurement of Opsonophagocytic Activity of Antibodies Specific to Neisseria meningitidis Serogroup A Capsular Polysaccharide-Serogroup B Outer Membrane Vesicle Conjugate in Animal Model*. **Annals of Microbiology**. 59(4): 801-806, 2009.
- 35- Shahin Najar Peerayeh , Amir Azimian, Mohammad Mostafae, **Seyed Davar Siadat**. *Identification of Methicillin-Resistant Staphylococcus aureus by Disk Diffusion Method, Determination of MIC and PCR for mecA Gene*. **Modares Journal of Medical Sciences: Pathobiology**, 12(3): 61-69, 2009.
- 36- Karami S1, **Siadat SD**, Tabaraie B, Norouzian D, Harzandi N, Aghasadeghi MR, Razavi MR, Sadat SM , Sharifat Salmani A, Nejati M , Kordafshari AR , Moshiri A. *Extraction and Molecular Determination of Major Outer Membrane Proteins of Brucella abortus S99*. **Feyz, Journal of Kashan University of Medical Sciences**, 13(3): 174-179, 2009.

- 37- Iranshahi N , Ranjbar R, **Siadat SD**, Nejati M , Harzandi N, Norozian D, Naghoni A , Morovvati S, Safiri Z , Yousefi S, Tabaraie B. *Evaluation of Nalidixic acid susceptibility testing for screening of clinical strains of Salmonella with decreased susceptibility to Ciprofloxacin.* **Journal of Medical Microbiology (IJMM)**, 2(3-4):39-45, 2009.
- 38- Karami S, **Siadat SD** , Norouzian D , Harzandi N , Aghasadeghi MR , Izadi Mobarakeh J, Razavi MR, Kheirandish M. Sadat SM, Nejati M, Sharifat Salmani A, Tabaraie B. *Evaluation of antibody response to outer membrane proteins of Brucella abortus S99 by Enzyme Linked Immunosorbent Assay.* **Iranian Journal of Medical Microbiology (IJMM)**, 2(3-4):25-30.2009.
- 39- Nima Rezaei, **Seyed Davar Siadat**, Asghar Aghamohammadi, Mostafa Moin, Zahra Pourpak, Dariush Norouzian, Jalal Izadi Mobarakeh, Mohammad Reza Aghasadeghi, Mehdi Nejati, Robert C. Read. *Serum Bactericidal Antibody Response 1 Year after Meningococcal Polysaccharide Vaccination of Patients with Common Variable Immunodeficiency.* **Clin Vaccine Immunol (CVI)**, 17(4): 524-528, 2010.
- 40- Farahani Far A, Aghasadeghi MR2, Bahramali G, Sadat SM , **Siadat SD**, Mohraz M, Foroughi M, Javadi F, Behzad-Behbahani A, Roohvand F, Amini S, Davarpanah MA, Jamshidi Makiyan M, Khosravy MS, Momen SB. *The frequency of HBV genotype and subtypes in HBV infected patients with and without HIV.* **Iranian Journal of Medical Microbiology (IJMM)**, 4(1):52-59.2010.
- 41- Fakhri Haghi, Shahin Najar Peerayeh, **Seyed Davar Siadat**, Mehdi Mahdavi. *Cloning, expression and purification of outer membrane secretin PilQ406-770 of Neisseria meningitidis serogroup B.* **Iranian Journal of Clinical Infectious Diseases**, 5(4):193-199.2010.
- 43- Zangeneh M, Alsadat Mahdavi A, Amini E, **Davar Siadat S**, Karimian L. *Pyomyoma in a premenopausal woman with fever of unknown origin.* **Obstet Gynecol.** 116 (2):526-528,2010

- 44- **Siadat SD**, Shirdast H, Aghasadeghi MR, Norouzian D, Atyabi SM, Sadat SM, Soleymaniyeh S, Sharifat S, Moshiri A. *Determination of cytokine profile following the immunization with Brucella abortus S99 lipopolysaccharide-Neisseria meningitidis serogroup B outer membrane vesicle complex in animal model*. **Research & Scientific Journal ,Ardabil Universtiy of Medical Sciences (ArUMS)**.10(3): 223-232,2010.
- 4٥- Massoud Amanlou, **Seyed Davar Siadat**, Dariush Norouzian, Mohammad Reza Aghasadeghi, Hadi Fathi-Moghaddam, Mohhamad Piryaeei, Mehdi Shafiee Ardestani. *Effect of Dexamethasone on Striatum Neurotransmissions in the Rats Subjected to Parkinson's Disease Animal Model*. **Iranian Journal of Basic Medical Sciences**. 14(2), 107-115. Mar-Apr 2011.
- 4٦- Massoud Amanlou, **Seyed Davar Siadat**, Dariush Norouzian, Seyed Esmaeil Sadat Ebrahimi, Masoud Ghorbani ,Mohammad Reza Aghasadeghi, Mohammad Shafiee Alavidjeh, Davood Nouri Inanlou and Mehdi Shafiee Ardestani. *Magnetic Resonance Contrast Media Sensing In Vivo Molecular Imaging Agents: An Overview*. **Current Radiopharmaceuticals**. 4:31-43, 2011.
- 4٧- **Seyed Davar Siadat**, Mohammad Reza Aghasadeghi and Maryam Kheirandish. *Immunological Aspect of Meningococcal disease: An overview in Host- Bacteria Interaction*. **International Journal of Molecular and Clinical Microbiology**, 1, 1-8.2011.
- 4٨-Seyed Mehdi Sadat, Rezvan Zabihollahi, Mohammad Reza Aghasadeghi, Rouhollah Vahabpour, **Seyed Davar Siadat**, Arash Memarnejadian, Kayhan Azadmanesh and Kazem Parivar. *Application of SCR Priming VLP Boosting as a Novel Vaccination Strategy Against HIV-1*. **Current HIV Research**. 9, 140-147. 2011.
- 49- Aghasadeghi MR,Bahramali G, Sadat SM, Farahani far A, Mohraz M, **Siadat SD**, Mostafavi E, Memarnejadian A, Shafiee Ardestani M1, Vahabpour R, Azizi

- Saraji AR, Delbaz SA. *Detection of Hepatitis B virus variants in HBV monoinfected and HBV/HIV coinfecting Iranian patients under Lamivudine treatment.* **Current HIV Research.** 9:263-269.2011.
- 50- **Seyed Davar Siadat**, Mohammad Reza Aghasadeghi, Sahar Krami, Seyed Mehdi Sadat, Arfa Moshiri. *Biological and immunological characteristics of Brucella abortus S99 major outer membrane proteins.* **Jundishapur Journal of Microbiology.** 4 (1):29-36. 2011.
- 51- Seyed Ali Delbaz, **Seyed Davar Siadat**, Mohammad Reza Aghasadeghi, Mehrangiz Zangeneh, Seyed Mehdi sadat, Jalal Solati, reza Ghorbani, Arfa Moshiri. *Production and physicochemical evaluation of Neisseria meningitidis serogroup A outer vesicle as a vaccine candidate.* **Medical Science Journal of Islamic Azad University, Tehran Medical Branch,** 21(1): 7-13,(2011).
- 52- Shiva Irani, Seyed Mohammad Atyabi, Houry Mivehch, **Seyed Davar Siadat**, Mohammad Reza Aghasadeghi, Ali Farhangi. *Solvent effects on structural and thermochemical properties of p53 tumor-suppressor gene: a molecular modeling approach in drug design.* **International Journal of Nanomedicine,** 6 :2063–2069, 2011.
- 53- Massoud Amanlou, **Seyed Davar Siadat**, Seyed Esmaeil Sadat Ebrahimi, Abass Alavi, Mohammad Reza Aghasadeghi, Mehdi Shafiee Ardestani, Saeed Shanehsaz, Masoud Ghorbani, Bitra Mehravi, Mohammad Shafiee Alavidjeh, Ali Jabbari-Arabzadeh, Mehdi Abassi. *Gd3+-DTPA-DG: novel nanosized dual anticancer and molecular imaging agent.* **International Journal of Nanomedicine,** 6 :747-763, 2011.
- 54- Mohammad Reza Aghasadeghi, Ali Sharifat Salmani , Seyed Mehdi Sadat, Foozieh Javadi, Arash Memarnejadian, Rouhoullah Vahabpour, Rezvan Zabihollahi, Arfa Moshiri and **Seyed Davar Siadat.** *Application of Outer Membrane Vesicle of Neisseria meningitidis Serogroup B as a New Adjuvant to Induce Strongly Th1-Oriented Responses Against HIV-1.***Current HIV Research,**2011.

- 55- Bahareh Rajaei, *Seyed Davar Siadat*, Mohamad Reza Razavi, Mohammad Reza Aghasadeghi, Nahid Sepehri Rad, Farzad Badmasti, Somieh Khanjani Jafroodi, Taraneh Rajaei, Arfa Moshiri and Saifuddin Javadian. *Expanding drug resistance through integron acquisition in Salmonella spp. isolates obtained in Iran. African Journal of Microbiology Research.* 5(16): 2249-2253, 2011.
- 56- *Seyed Davar Siadat*, Saied Reza Naddaf, Mehrangiz Zangeneh, Arfa Moshiri, Seyed Mehdi Sadat, Mehdi Shafiee Ardestani, Mohammad Hassan Pouriayevali, Safieh Amini and Mohammad Reza Aghasadeghi. *Outer membrane vesicle of Neisseria meningitidis serogroup B as an adjuvant in immunization of rabbit against Neisseria meningitidis serogroup A. African Journal of Microbiology Research.* 5(19): 3090-3095, 2011.
- 57- Haghi F, Peerayeh SN, Siadat SD, Montajabiniat M. *Cloning, expression and purification of outer membrane protein PorA of Neisseria meningitidis serogroup B. J Infect Dev Ctries.* 13,5(12):856-62, 2011.
- 58- Sadat SM ,Zabihollahi R , Vahabpour R , *Siadat SD* , Javadi F , Rezaei A , Parivar K and Aghasadeghi MR. *Development of a single cycle replicable HIV-1 system: potential implications for vaccine and experimental researches investigations. J Gorgan Uni Med Sci.* 12(4): 55-63, 2011.
- 59- Maryam Rezaei, Amir Sohrabi, Rosita Edalat, *Seyed Davar Siadat*, Hosna Gomari, Marziyeh Rezaei, Shahab Modarres Gilani. *Molecular Epidemiology of Acute Gastroenteritis Caused by Subgenus F (40, 41) Enteric Adenoviruses in Inpatient Children. LABMEDICINE,* 43 (1): 10-15, 2012.
- 60- Rouhollah Vahabpour, Seyed Mehdi Sadat, Rezvan Zabihollahi, Amrollah Ahmadi ,Hossein Keivani, Safieh Amini, *Seyed Davar Siadat*, Mohammad Reza Aghasadeghi. *In Vitro Inhibitory Effects of the Herbal-Marine Compound HESA-A Against Replication of Human Immunodeficiency Virus-1. Jundishapur J Microbiol.,* 5(1):315-319, 2012.

- 61- Fakhri Haghi, Shahin Najar Peerayeha, *Seyed Davar Siadat*, Habib Zeighami. *Recombinant outer membrane secretin PilQ₄₀₆₋₇₇₀ as a vaccine candidate for serogroup B Neisseria meningitidis*. **Vaccine**. 30(9):1710-4, **2012**.
- 62- Farshad Nojoomi, Seyed Davar Siadat, Ali Hatef Salmanian, Nima Khoramabadi, *Improvement of Large-scale PRP production by Haemophilus influenzae typeb, using modified CY medium*, JFUMS. 1 (4) :182-186,2012.
- 63- Baghbani-arani F, Tajbakhsh M, Hashemi Soltaniyeh A, Rajaei B, *Siadat SD*, Aghasadeghi M et al . *Molecular Typing of Salmonella paratyphi B and Salmonella paratyphi C Isolates from Clinical Samples in Iran*. JFUMS. 2 (1) :19-25,2012
- 62- Mohammah Hassan Pouriayevali; Arash Reza Memarnejadian; Seyad Mehdi Sadat; Mahdi Zavva; *Seyad Davar Siadat*; Christine Hartoonian; Mohammad Reza Aghasadegh. *Designing and construction of bicistronic plasmid pIRES-Igk/mIL18/Fc: potential implications for vaccine investigations*. **Modares Journal of Medical Sciences: Pathobiology**, 14(11): 13-23, 2011.
- 63- Moshiri A, Dashtbani-Roozbehani A, Najar Peerayeh S, *Siadat SD*. *Outer membrane vesicle: a macromolecule with multifunctional activity*. **Hum Vaccin Immunother**. 8(7):953-5, 2012.
- 64- Zabihollahi R, Sadat SM, Vahabpour R, Salehi M, Azadmanesh K, *Siadat SD*, Saraji AR, Pouriavali MH, Momen SB, Aghasadeghi MR. *Introducing a frameshift mutation to the POL sequence of HIV-1 provirus and evaluation of the immunogenic characteristics of the mutated virions (RINNLA-3)*. **Mol Biol (Mosk)**. 46(3):519-24,2012.

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- 66- Setayesh T, Mousavi S, **Siadat SD**. *Effect of Magnetospirillum gryphiswaldense on serum iron levels in mice.* **Iran J Microbiol.** 4(3):160-3,2012.
- 67- Zangeneh M, Amerion M, **Siadat SD**, Alijani M. *Primary hydatid cyst of the axillary region: a case report.* **Case Rep Med.** 2012;
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- * *Culture & Technology* (Persian): Managing Editor & Editor-in-Chief (2003-2005).
- * *Culture of Knowledge* (Persian): Managing Editor & Editorial Board Member (Since 2007).
- * *Journal of Infection in Developing Countries*: Editorial Board Member (Since 2007).
- * *Jundishapur Journal of Microbiology*: Reviewer (Since 2010).
- * *African Journal of Microbiology Research*: Editor & Reviewer (Since 2010).
- * *Microbiology Research Journal*: Editorial Board Member (Since 2010).
- * *Internet Journal of Microbiology*: Reviewer - Editorial Board Member (Since 2007).
- * *International Journal of Molecular and Clinical Microbiology*: Reviewer - Editorial Board Member (Since 2011).

ONGOING & FINISHED PROJECTS:

- **Preparation and Molecular Evaluation of Detoxified Lipopolysaccharide from *Brucella abortus* Conjugated with Outer Membrane Vesicle of *Neisseria meningitidis* Serogroup B.** Pasteur Institute of Iran.
- **Determination of Antimicrobial Susceptibility Profile of Common Bacteria in Iran and to Draft a General National Intervention for Reducing Emergence and Dissemination of Bacterial Resistance in the Country.** Ministry of Health and Medical Education.
- **The Evaluation of Antibody Response to the Meningococcal Vaccine in the Patients with Common Variable Immunodeficiency.** Immunology,

Asthma and Allergy Research Institute, Medical Sciences/University of Tehran, Tehran, Iran.

- **Immunological Evaluation of Eetoxified *Brucella abortus* LPS- *Neisseria meningitidis* Serogroup B Outer Membrane Vesicle as Vaccine Candidate.** Pasteur Institute of Iran.
- **Production of *Haemophilus influenzae* type b capsular (PRP) Vaccine.** Pasteur Institute of Iran.
- **Preparation and Immunobiological Evaluation of Bivalent Complex of *Haemophilus influenzae* type b Polyribosylribitol Phosphate and nonencapsulated *Haemophilus influenzae* Hap Protein as a *Haemophilus* Candidate Vaccine in Animal Model.** Pasteur Institute of Iran.
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RESEARCH STUDENTS SUPERVISED:

- * **Biological Evaluation of Detoxified Smooth LPS from *Brucella abortus* S-99 in Animal Model (2006).**
- * **To Diagnosis of Brucellosis by PCR and Comparison with Serologic Methods (2006).**
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- * **Evaluation of responses towards H2d core epitope of HCV in BALB/c mice immunized by recombinant BCGs harboring the native gene or a polytopic construct (2008).**
- * **Growth kinetics of *Pichia pastoris* in accordance with alcohol oxidase production (2008).**
- * **The Survey of prevalence of gastroenteritis caused by enteric Adenoviruse type Ad40, Ad41 in children younger than 5 years in Tehran by PCR**
- * **Construction, production and immunological evaluation of single cycle replicable HIV-1 retroviral system in BALB/c mice**

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