

## Curriculum Vitae



### 1. General information

**First Name:** Saeed

**Last name:** Nazeri

**Date of birth:** Sep. 20, 1983

**Place of birth:** Khoramabad (Lorestan), Iran

**Marital status:** Married

**Nationality:** Iranian

### 2. Present position

Ph.D. in Pharmaceutical Biotechnology, Production manager, Vira vaccine Shaya Company

### 3. Contact info

**Address:** Vira vaccine shaya Co., Sepehr industrial district, Nazarabad, Albor, IRAN

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Linkedin (<https://www.linkedin.com/in/saeed-nazeri-448aaa37/?originalSubdomain=ir>)

ResearchGate ([https://www.researchgate.net/profile/Saeed\\_Nazeri](https://www.researchgate.net/profile/Saeed_Nazeri))

GoogleScholar (<https://scholar.google.com/citations?user=sQ3nfYcAAAAJ&hl=en>)

### 4. Education

#### Ph.D.

2012-2017

#### Pharmaceutical Biotechnology

Pasteur Institute of Iran, Tehran, Iran

**Ph.D. Thesis Title:** Cloning, expression, functional evaluation and immunogenicity assessment of the *Plasmodium vivax* TRAP, formulated with novel adjuvant system CpG/MPL/NLX in C57BL/6 mice: implication for vivax malaria vaccine development

**Supervisor:** Prof. S. Zakeri

**Advisors:** Prof. N. Dinparast Djadid, Prof. S. Sardari, Dr. A. Abouei Mehrizi

#### M. Sc.

2007-2011

**Clinical Biochemistry** Shahid Beheshti University of Medical Sciences, Tehran, Iran.

**M.Sc. Thesis Title:** Determination of Catalase activity and total antioxidant capacity by fluorometric assay in microplate reading format

**Supervisors:** Prof. B. Yaghmaei, Dr. M. Hedayati

#### B. Sc.

2002-2007

#### Biology

Urmia University, Urmia, west azarbaijan, Iran

#### High School Diploma

1998-2001

#### Natural Sciences

Shahed High school, Khoramabad, Lorestan, Iran

## 5. Administrative & Experiences

- A member of the executive committee of the student research of the Pasteur Institute of Iran
- An executive Director to hold a conference on industrial skills in health area
- A member of editorial board of International journal of immunology
- A member of editorial board of journal of Biomedical science & research
- A member of editorial board of journal of Parasitic Diseases: Diagnosis and Therapy

## 6. Fellowship awarded

1. Full fellowship from Pasteur Institute of Paris (Vaccinology course of the Epidemiology and Health main theme), Pasteur institute of France, on February 27 to March 24, 2017.

## 7. Teaching experiences:

### **Biochemistry**

*since 2013 till 2015*

Tehran Azad University

### **Biochemistry and molecular biology**

*since 2013 till 2015*

Payame noor university

## 8. Skills & Expertises:

- Prokaryotic cell culture (*E. coli*)
- Eukaryotic primary and cell line cultures
- Working with virus (Inoculation, cytopathic effect, titration)
- DNA extraction
- Primer designing
- Quantitative PCR
- Agarose gel electrophoresis
- Cloning (TA cloning and restriction enzyme cloning)
- Protein expression in prokaryotes (*E. coli*)
- Protein purification by affinity chromatography
- Desalting with dialysis bag and Econo-Pac Chromatography Columns
- Protein characterization by Circular Dichroism
- SDS-PAGE, NATIVE-PAGE
- Western blotting
- Handling of laboratory animals (BALB/C mouse, C57BL/6 mouse and guinea pig)
- Enzyme-linked immunosorbent assays (Indirect, competitive and sandwich)
- Immunofluorescence antibody test (IFAT)
- Lyophilizer
- Bioinformatics analyses (Epitope mapping, Blast, alignment)

## 9. Skill on applications

- Gene runner
- Chromas
- Dnasp
- MEGA 7
- Clustalx
- WebLab Viewer lite
- SPSS
- EndNote

## 10. Gene submission in Gene bank

*Plasmodium vivax* thrombospondin related-adhesive protein gene, partial cds

Saeed Nazeri, Akram Abouei Mehrizi, Navid Dinparast Djadid, Sedigheh Zakeri

Linear DNA 1605 bp. Accession: KT207838-KT207887

## 11. WORKSHOPS PARTICIPATED:

Pasteur Institute of Iran (Dec., 9, 2013)	Basics of Intellectual Property Rights
Pasteur Institute of Iran (Feb., 15, 2014)	Project Management
Pasteur Institute of Iran (May., 21-22, 2014)	Bioinformatics Workshop
Pasteur Institute of Iran (Oct., 14, 2015)	Circular dichroism (CD)

## 12. PUBLICATIONS:

### A) Books:

Basic Biochemical Techniques <i>Avaye Daneshgostar publishing (2010)</i>	Fatemeh kiani markani, Meysam Solymani Badia, <b>Saeed Nazeri</b> , Solaleh Emamgholipour
Clinical Biochemistry <i>Jameenegar Publishing (2015)</i>	<b>Saeed Nazeri</b> , Behrouz Johari
Immunology <i>Jameenegar Publishing (2016)</i>	<b>Saeed Nazeri</b> , Farzad Nazari Khouzani
Biotechnology: from lab to industry <i>Ashraghiyeh and Babazadeh publishing (2017)</i>	<b>Saeed Nazeri</b> , Somayeh Sadeghi, Aref Farokhifard, Parisa Azerang, Fatemeh Saadat, Ghazaleh Ghavami

## B) Peer-reviewed Publications:

1. **Saeed Nazeri**, Sedigheh Zakeri, Akram A. Mehrizi, Navid D. Djadid, Georges Snounou, Chiara Andolina, François Nosten. Vaccine adjuvants CpG (oligodeoxynucleotides ODNs), MPL (3-O-deacylated monophosphoryl lipid A) and naloxone-enhanced Th1 immune response to the Plasmodium vivax recombinant thrombospondin-related adhesive protein (TRAP) in mice. Medical Microbiology and Immunology. 2018. <https://doi.org/10.1007/s00430-018-0545-2>.
2. **Saeed Nazeri**, Sedigheh Zakeri, Akram A. Mehrizi, Navid D. Djadid. Naturally acquired immune responses to thrombospondin-related adhesion protein (TRAP) of Plasmodium vivax in patients from areas of unstable. Acta tropica. 2017; 173: 45–54.
3. **Saeed Nazeri**, Bahram Yaghmaie, Mehdi Hedayati. Simple and Sensitive Method of Fluorometry for Determination of Total Antioxidant Capacity. Modern Medical Laboratory Journal. 2017; 1(1): 29-35.
4. Golnoush Dehbashi Behbahani, Soghra Khani, Hamideh Mahmoodzadeh Hosseini, Kazem Abbaszadeh-Goudarzi, **Saeed Nazeri**. The role of exosomes contents on genetic and epigenetic alterations of recipient cancer cells. Iran J Basic Med Sci, 2016; 19:10.
5. **Nazeri S**, Abouie Mehrizi A, Dinparast Djadid N, Zakeri S. A comparative study on worldwide genetic diversity and population structure analysis of Plasmodium vivax thrombospondin-related adhesive protein (PvTRAP) and its implications for the vivax vaccine design. Infection, Genetics and Evolution, 2015; 36: 410–423.
6. **Saeed Nazeri**, Esmat Mirabzadeh Ardakani, Hamid Babavalian, Ali Mohammad Latifi. Evaluation of Effectiveness of Honey-Based Alginate Hydrogel on Wound Healing in Rat Model. Journal of applied biotechnology reports. 2015; 2 (3): 293-297.
7. Elham Beiranvand, Saeid Abediankenari, Mosayeb Rostamian, Behnoush Beiranvand and **Saeed Naazeri**. The Study of HFE Genotypes and Its Expression Effect on Iron Status of Iranian Haemochromatosis, Iron Deficiency Anemia Patients, Iron-Taker and Non Iron-Taker Controls. Recent Adv DNA Gene Seq. 2015; 9: 58-64.
8. Mehdi Goudarzi, Sima Sadat Seyedjavadi, Hossein Goudarzi, Elnaz Mehdizadeh Aghdam, and **Saeed Nazeri**. Clostridium difficile Infection: Epidemiology, Pathogenesis, Risk Factors, and Therapeutic Options. Scientifica. 2014; 1-9.
9. **Naazeri S**, Rostamian M, Yaghmaei B, Hedayati. Fluorimetry as a Simple and Sensitive Method for Determination of Catalase Activity. Zahedan J Res Med Sci 2014; 16(2): 64-67.
10. **Naazeri S**, Rostamian M, Hedayati M. Impact of Thyroid Dysfunction on Antioxidant Capacity, Superoxide Dismutase and Catalase Activity. Zahedan J Res Med Sci 2014; 16(1): 51-54.
11. **Nazeri S**, Hedayati M, Tavakkoli Darestani A, Ahmadvand H. Relation of menopause with total Antioxidant capacity, Super Oxide dismutase and catalase activity enzymes. Quarterly Journal of Sabzevar University of Medical Sciences. 2013; 20(3):367-372. [In Persian]

12. **Nazeri S**, Hedayati M, Ahmadvand H. The comparison of serum antioxidant capacity and superoxide dismutase and catalase activity of cigarette smokers to nonsmokers. YJMS. 2013, 15(3): 70-75. [In Persian]
13. **Nazeri S**, Shademan Zh, Hoghoughirad L, Golab Ghadaksaz H, Hedayati M. Antioxidant capacity and Super oxide dismutase and Catalase activity in type II diabetic patients. Kowsar Medical Journal. 2011;16(3):151-155. [In Persian]

### C) Abstracts (Oral and posters):

1. **Saeed Nazeri**, Sedigheh Zakeri, Akram Abouie Mehrizi, Navid Dinparast Djadid. Genetic diversity and naturally acquired immune responses to *plasmodium vivax* thrombospondin-related adhesive protein (*pvtrap*) in patients from area of an unstable malaria transmission of iran. 2nd International Congress on Biomedicine. Tehran, Iran. 21-24 December.2018. **(Poster)**
2. **Saeed Nazeri**, Sedigheh Zakeri, Akram Abouie Mehrizi, Navid Dinparast Djadid. TH1 immune responses conferred by mixture of naloxone, CpG oligodeoxynucleotide and 3-O-Decylated monophosphoryl lipid A, against plasmodium vivax recombinant TRAP as a subunit vaccine in mouse model. 19th International Iranian Congress of Microbiology. Tehran, Iran. 4-6 september, 2018. **(Oral)**
3. **Saeed Nazeri**, Sedigheh Zakeri, Akram Abouie Mehrizi, Navid Dinparast Djadid. CpG ODN and MPL are more efficient adjuvants than naloxone for induction of Th1 immune response against plasmodium vivax recombinant TRAP in C57BL/6 mice. 14<sup>th</sup> International Congress of Immunology and Allergys (ICIA2018). Tehran, Iran. 26-28 April, 2018. **(Poster)**
4. **Saeed Nazeri**, Sedigheh Zakeri, Akram A Mehrizi and Navid D Djadid. IgG and IgG subclasses antibodies to *Plasmodium vivax* thrombospondin-related anonymous protein (PvTRAP) in Iranian individuals exposed to vivax malaria. 3rd World Conference on Parasitology & Pathogenesis. Chicago, USA. July 12-13, 2017. Abstract published in Journal of Bacteriology & Parasitology. **(Poster)**
5. **Saeed Nazeri**, Fatemeh Kiani, Samaneh Safi, Nasrin Dashti, Mehdi Hedayati, Nahid Eynolahi. Activity of catalase enzyme in plasma of smokers compared to non-smokers. 3<sup>rd</sup> congress of laboratory and clinic. Tehran, Iran. December 1-3, 2010. **(Poster)**
6. Fatemeh Kiani, Samaneh Safi, **Saeed Nazeri**, Nasrin Dashti, Nahid Eynolahi. Concentration of calcium and phosphorus in plasma of smokers compared to non-smokers. 3<sup>rd</sup> congress of laboratory and clinic. Tehran, Iran. December 1-3, 2010. **(Poster)**
7. Samaneh Safi, Fatemeh Kiani, **Saeed Nazeri**, Nasrin Dashti, Nahid Eynolahi. Evaluation of the activity of aspartate aminotransferase and alanine aminotransferase enzymes in sera of smokers and non-smokers. 3<sup>rd</sup> congress of laboratory and clinic. Tehran, Iran. December 1-3, 2010. **(Poster)**