

Personal Data

Name: Zahra Rezvani

Birth Date: Novamner 7, 1980

Place of Birth: Kashan

Nationality: Iranian

Marital Status: Married

Address: Department of Biotechnology, Faculty of Chemistry, University of Kashan, Km. 6, Ravand Road,
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Education

2012 up to now: Assistant Professor in Molecular Genetic

Department of Biotechnology, Faculty of Chemistry, Kashan University, I.R. IRAN

2007-2012: Ph.D. Studies in Biology (Molecular Genetic)

Title: Genetic investigation and gene expression of complex I subunits in Leber's Hereditary Optic Neuropathy patients

National Institute of Genetic Engineering and Biotechnology, Tehran I.R. IRAN

2002-2005: M.Sc. Studies in Biology (Cellular & Molecular)

Title: CYBB gene mutation detection in Iranian patients with CGD

Khatam University, Tehran, I.R. IRAN

1998-2002: B.Sc. Studies in Biology (Cellular & Molecular)

Faculty of Science, Tehran University, Tehran, I.R. IRAN

Work Experience

2006-2012: Medical Genetic and Cellular & Molecular Biology (courses and labs)

Kashan University of Medical Sciences, Kashan, I.R. IRAN

2011-2012: Genetic I, Genetic II and Molecular Biology

Kashan University, Kashan, I.R. IRAN

Teaching Experience

Undergraduate Level

- 1- Genetic I
- 2- Genetic II & and Its Laboratory
- 3- Molecular Biology
- 4- Genetic Engineering

Postgraduate Level

- 1- Cellular & Molecular Biology
- 2- Medical Genetic

Research Experience

- 1- Molecular techniques(DNA ,RNA & Protein extraction, electrophoresis,...)
- 2- SSCP
- 3- PCR
- 4- Real time PCR
- 5- Cloning
- 6- Sequencing
- 7- Bioinformatics

Publications:

A) Journal Papers

1- **Zahra Rezvani**, Iraj Mohammadzadeh, Zahra Pourpak, Mostafa Moin and Shahram Teimourian
“CYBB Gene Mutation Detection in an Iranian Patient with Chronic Granulomatous Disease”
IRANIAN JOURNAL OF ALLERGY, ASTHMA AND IMMUNOLOGY, Vol. 4, No. 2, June 2005.

2- S. Teimourian , **Z. Rezvani** , M. Badalzadeh , C. Kannengiesser ,D. Mansouri , M. Movahedi , E. Zomorodian ,N. Parvaneh ,S. Mamishi , Z. Pourpak , M. Moin
“Molecular diagnosis of X-linked chronic granulomatous disease in Iran”
Int J Hematol (2008)87:398–404.

3- Homayoun Naderian, **Zahra Rezvani**, Mohammad Ali Atlasi, Hossein Nikzad, Antoine AF de Vries
“Expression Cloning of Recombinant Escherichia coli lacZ Genes Encoding Cytoplasmic and Nuclear β -galactosidase Variants”
Iranian Journal of Basic Medical Sciences, Vol. 14, No. 4, July-Aug 2011, 369-375.

4- Majidy-Zolbin M , Rezaei L , Azami-Tameh A , **Rezvani Z** , Atlasi MA , Nikzad H , Naji T , Naderian H
“Expression of the apoptotic genes Bax and Bcl-2 in rat hippocampus following transient ischemia”
Feyz, Journal of Kashan University of Medical Sciences November, 2012; Vol. 16, No 5, Pages 454-460

5- **Zahra Rezvani**, Elmira Didari, Ahoora Arasteh, Vadiéh Ghodsinejad, Omid Aryani, Behnam Kamali, Massoud Houshmand.

“Fifteen novel mutations in the mitochondrial NADH dehydrogenase subunit 1,2,3,4,5 and 6 genes from Iranian patients with Leber’s hereditary optic neuropathy (LHON)”

Mol Biol Rep (2013)40:6837–6841

6- **Zahra Rezvani**, Elmira Didari, Ahoora Arasteh, Massoud Houshmand.

“*Spectrum of primary mutations in Iranian patients with Leber’s hereditary optic neuropathy*”

Accepted for publication in the *Journal of Ophthalmic & Vision Research*.

C) Conference Papers

1- **Zahra Rezvani**, Shahram Teimourian , Zahra Pourpak and Mostafa Moin

“Mutation Analysis of Exon 1 To 7 CYBB Gene in Iranian X-Linked Chronic Granulomatous Disease”

Proceeding of The First International Congress on Immunodeficiency Disorders, Tehran, Iran, 28 February-2 March 2005.

2- S. Teimourian, Z. **Rezvani**, Z. Pourpak, M. Moin, R. Safaralizadeh, F. Fattahi, S. Mamishi, P. Tabatabaei, M. Fazlollahi, G. Khotaei, M. Gharagozlou, A. Farhoudi, L. Atarod, M. Mansouri, M. Heidarzadeh;

“Molecular Diagnosis of X-CGD in Iran”

Proceeding of The 37th European Human Genetics Conference (ESHG), Prague, Czech Republic, 7-10 May 2005.

3- **Rezvani Z.**, Teimourian S., Pourpak Z., Moin M.

“CYBB Gene Mutation Detection in an Iranian Patient with Chronic Granulomatous Disease”

Proceeding of The 7th Iranian Congress of Anatomical Sciences, Kashan, Iran, May 10-12, 2006.

4- Atlasi M.A., Nikzad H., Naderian H., Tabatabaei Z., Hassani H., **Rezvani Z**

“Cinical study of ventricular septal defect and its relation with child growth”

Proceeding of The 7th Iranian Congress of Anatomical Sciences, Kashan, Iran, May 10-12, 2006.

5- **ZAHRA REZVANI** , SHAHRAM TEIMURIAN , MOHAMMAD REZA YASAMIAN, ZAHRA POURPAK, MOSTAFA MOIN

“MUTATION ANALYSIS OF CYBB GENE IN X-LINKED CHRONIC GRANULOMATOUS DISEASE IN IRAN”

Proceeding of The 9th Iranian Congress of Biochemistry & the 2nd International Congress of Biochemistry and Molecular Biology , Shiraz, Iran, Oct.29-Nov, 1, 2007.

6- SHAHRAM TEIMOURIAN, MOHSEN BADALZADE, **ZAHRA REZVANI**, ELHAM ZOMORODIAN, ZAHRA POURPAK

"MOLECULAR DIAGNOSIS OF CHRONIC GRANULOMATOUS DISEASE IN IRAN"

Proceeding of The 9th Iranian Congress of Biochemistry & the 2nd International Congress of Biochemistry and Molecular Biology , Shiraz, Iran, Oct.29-Nov, 1, 2007

7- Homayoun Naderian, **Zahra Rezvani**, Mohammad Ali Atlasi, Hossein Nikzad, Antoine AF de Vries
"Expression Cloning of Recombinant Escherichia coli lacZ Genes Encoding Cytoplasmic and Nuclear β -galactosidase Variants"

Proceeding of The 9th Iranian Congress of Anatomical Sciences ,Hamedan, Iran, May 25-28, 2011.

8- M.Houshmand, **Z.Rezvani**, E.Didari, A.Arasteh, V.Ghodsinejad.

"The spectrum of mitochondrial DNA mutations in Iranian LHON patients."

Proceeding of The 12th International Congress of Human Genetics and the American Society of Human Genetics 61st Annual Meeting, Montreal ,Canada, October 11-15, 2011

9- M.Houshmand, **Z.Rezvani**, E.Didari, A.Arasteh, V.Ghodsinejad

"Analysis of MT-ND genes in Iranian patients with Leber's hereditary optic neuropathy"

Proceeding of The 4th International Conference of Medical Genetics in Kuwait, 16-18 April 2012.

10- **Z. Rezvani**, M. Houshmand ,E. Didari, A. Arastehkani, V. Ghodsinejadkalahroudi ,O. Aryani
"The spectrum of mitochondrial DNA mutations in Iranian LHON patients"

Proceeding of The 10th Iranian Congress of Anatomical Sciences, Rasht Iran, May 10-12, 2012.

11- **Z. Rezvani**, M. Houshmand

"GENE EXPRESSION ANALYSIS OF NUCLEAR GENES FROM COMPLEX I IN LHON PATIENTS FROM IRAN"

Proceeding of The International Society for Eye Research, Berlin, Germany, July 21-25, 2012.