

Name: RoghiehMirzazadeh
Date of Birth: 23th Sep, 1970
Place of Birth: Tehran, Iran
Marital status: Married
Address: 69, Pasteur Ave. Tehran, Iran
PO.Box: 1316943551
Telephone number: +98 261 66402770
Mobile phone number: +98 912 6122675
E-mail: rmirzazadeh@pasteur.ac.ir

Educations

2007-2012**PhD**, Organic chemistry,
Tehran University, Tehran, Iran.
Thesis title: “ One – pot Cyclization Reaction Based On Nitrile Reagents “
Supervisor: Dr. AfsanehZonouzi

1996-1998**M.Sc**, Organic Chemistry,
TarbiatMoallem University, Tehran, Iran.
Thesis title: " Solid Phase Synthesis of Oxytocin Polypeptide From Amino Acid
Blocks"
Supervisor: Dr. AzamKooloobandi
Dr. AbassShockravi

1991-1995**B.Sc**, Pure Chemistry,
Alzahra University, Tehran, Iran.

Publications

1) A New and Efficient Synthesis of 2-Aminobenzothiazoles Derivatives from o-Nitroaniline

BehroozMirza, RoghiehMirzazadeh, Mohsen Zeeb

Journal of chemical Research, 2013, 37(12), 778

2) Preliminary Identification of Hemoglobin Q-Iran in an Iranian Family from Central Province of Iran by Globin Chain Analysis on HPLC

ShohrehKhatam, HosseinNajmabadi, SoghraRouhi, RoghiehMirzazadeh,
ParastooBayat, SedighehSadeghi

Hemoglobin, 2013, 16(12),739

*3) Novel Approaches for the Synthesis of a Library of
FluorescentChromenopyrimidine Derivatives*

AfsanehZonouzi , FatemehHosseinzadeh, NastaranKarimi ,
RoghiehMirzazadeh, SeikWeng Ng

ACS Combinatorial Science, 2013,15, 240 DOI: 10.1021/co300141j

*4) 2-Amino-4-(nitroalkyl)-4H-chromene-3-carbonitriles as new cytotoxic
agents*

AfsanehZonouzi, RoghiehMirzazadeh, SussanArdestani, SaeedEmami,
AlirezaForumadi

Iranian Journal of Pharmaceutical Research 2013, 12(4),679

*5) One-pot tandem approach for the synthesis of quinazolinones from ortho-
aminobenzamides, benzyl halides and benzyl alcohols*

KouroshMotevalli, RoghiehMirzazadeh, Zahra Yaghoubi

Journal of Chemical Research 2012, 36(12),701

*6) Efficient Synthesis of N-Substituted 4-Arylquinoline Derivatives Using
ZnCl₂ or ZrO₂*

AfsanehZonouzi, RoghiehMirzazadeh, AzadehPeivandi, and
ShahrzadDehdari

Heterocycles, 2012, 85(6), 1447

7) Trimethyl 4,6-dicyano-5-hydroxybenzene-1,2,3-tricarboxylate

AfsanehZonouzi, RoghiehMirzazadeh, SeikWeng Ng

Molbank, 2012, M755

*8) Microwave-assisted, one pot three component synthesis of 2-phenyl H-
imidazo[1,2-a]pyridine*

KouroshMotevalli, RoghiehMirzazadeh, Zahra Yaghoubi

E-journal of chemistry, 2012, 9(3), 1047

9)(E)- 2-Bromobenzaldehyde oxime

AfsanehZonouzi, RoghiehMirzazadeh, SeikWeng Ng

ActaCrystallographica Section E, 2011, E67, o2338

*10) Early detection of immunization: a study based on an animal model using
1H nuclear magnetic resonance spectroscopy*

Z ZamaniM Arjmand, M Tafazzoli, A Gholizadeh, F Pourfallah, S
Sadeghi, R Mirzazadeh, F Mirkhani, S Taheri, A Iravani, P Bayat, F
Vahabi

Pakistan Journal of Biological Sciences 2011, 14(3):195

*11) New and convenient route for the synthesis of some new pyrazol-5-yl-
1H-imidazole*

AfsanehZonouzi, RoghiehMirzazadeh, MarziehTalebi, RaziehJafarypoor,
AzadehPeivandi, and SeikWeng Ng

Heterocycles, 2010, 81(5), 2131

*12)An Efficient One-Pot and Solvent-Free Synthesis of Chromeno[2,3-
d]pyrimidine Derivatives: Microwave Assisted Reaction*

AfsanehZonouzi, MojtabaBiniaz, RoghiehMirzazadeh, MerziehTalebi,
SeikWeng Ng

Heterocycles, 2010, 81(5), 1271

13) N-(1,3-Thiazol-2-yl)benzamide

AfsanehZonouzi, RoghiehMirzazadeh, HossainRahmani, SeikWeng Ng

ActaCrystallographica Section E, 2009, E65, o817

14) *Globin chain synthesis is a useful complementary tool in the different diagnosis of thalassemias*

Shohreh Khatami, SoghraRouhiDehboneh, SedighehSadeghi, RoghiehMirzazadeh, ParinazSaedi, ParastooBayat, HosseinNajmabadi, SirousZeinali, Mohammad TaghiAkbari, Mohammad Arjmand, and ArefAmirkhani

Hemoglobin, 2007, 31(3), 333

15) *Remioving peroxide impurities from ether improves globin chain quality for biosynthesis study*

Mirzazadeh R., Bayat P., Zamani Z., Sadeghi S., Saedi P., Khatami Sh.

Hemoglobin, 2005, 29(2), 161

16) *Evaluation and Comparison of the α/β Ratio in Thalassemia Gene Carriers and Normal Cases by Globin Chain Synthesis*

Sh. Khatami, S. Zeinali, H. Najmabadi, M. T. Akbari, Z. Zamani, A. Amirkhani, S. Sadeghi, S. RouhiDehboneh, B. ZArbakhsh, M. Mohammadi, R. Mirzazadeh, P. Bayat, E. Shafieyeh, Z. KaeniMoghadam

Ababstracts/ Clinical Biochemistry 2005, 38, 867(summery 140)

۱۷- سنتز زنجیره های گلوبین جهت تشخیص افتراقی حاملین بتا تالاسمی از آلفا تالاسمی

دکتر شهره خاتمی، دکتر صغری روحی دهنه، دکتر صدیقه صادقی، پریناز سعیدی، رقیه میرزازاده، پرستو بیات، دکتر عارف امیرخانی، دکتر اشرف سماوات، دکتر سیروس زینلی، دکتر محمدتقی اکبری، دکتر حسین نجم آبادی.

فصلنامه پژوهشی خون، دوره ۴، شماره ۴، زمستان ۸۶، ۲۳۹-۲۴۶

۱۸- سنتز اکسی توسین از آلفا آمینواسیدها در فاز جامد

دکتر اعظم کلوبندی، دکتر عباس شکروی، دکتر عباس صمدی، محمد باقر صالحی، رقیه میرزازاده **مجله پژوهشی حکیم. بهار ۸۲، دوره ششم، شماره اول**

Conferences

Survey of BH4 deficiency in Iranian hyperphenylalaninemia
Shohreh Khatami, Somayeh Mahmoodi Baram, Soghra Roohi Dehboneh,
Atena Askarizadeh, Ghazaleh Dadashi Zadeh, Mina Barzegari,
Roghieh Mirzazadeh, Soghra Khani

6th International Iranian Congress Laboratory & Clinic

Globin chain synthesis & its Analysis by HPLC in the screening of thalassemia syndromes

P. Bayat, Sh. Khatami, A. Koloubandi, R. Mirzazadeh, S. Rouhi, S. Sadeghi, P. Saidi, A. Samadi, M. Taghikhani, Z. Zamani, S. Zeinali
2th Genetics & Disabilities Congress, The Social Welfare and Rehabitatin Sciences University, 2002, Tehran, Iran.

Evaluation and Comparison of α/β Ratio in Thalassemia Gene Carriers & Normal Cases by Globin Chain Synthesis

S. Rouhi, Sh. Khatami, Z. Zamani, S. Sadeghi, R. Mirzazadeh, P. Saeedi, P. Bayat, S. Mostajabodaveh, M. Mohamadi, E. Shafieyeh.
7th Iranian Clinical Biochemistry Congress, Jan. 26-29, 2002, Ahvaz, School of Medical Science.

Importance of Globin Chain Synthesis (GCS) in diagnosis of thalassemia carriers

Sh. Khatami, S. Sadeghi, S. Rouhi, R. Mirzazadeh, p. Saeedi, P. Bayat.
1th congress of national prOgram of thalassemia prevention. May 27-28, 2003, Tarbiat Modares University, Tehran, Iran.

Evaluation and Comparison of the α/β Ratio in Thalassemia Gene Carriers and Normal Cases by Globin Chain Synthesis

Sh. Khatami, S. Zeinali, H. Najmabadi, M. T. Akbari, Z. Zamani, A. Amirkhani, S. Sadeghi, S. Rouhi Dehboneh, B. ZArbakhsh, M. Mohammadi, R. Mirzazadeh, P. Bayat, E. Shafieyeh, Z. Kaeeni Moghadam

Abstracts/ IJBMB, 2005, 1(1), 74

8th Iranian Congress of Biochemistry and The 1st International Congress of Biochemistry & Molecular Biology, Sept., 11-15, 2005, Tehran, Iran.

Research history in biochemistry department of Pasteur Institute

1-Synthesis of oxytocin polypeptide (thesis submitted for degree of Master of science): 1997-1998

2-Synthesis of Gn-Rh analogue (Trained by Russian experts) for Cinnagen company: 1999-2001

3- Globin chain analysis by HPLC in patients with thalassemia: 2001-2007

4- Ph.D course: 2007-2012

5- HPLC analysis of blood samples for phenylalanine measurement in patient with hyperphenylalaninemia: 2012-2013

Teaching

Teaching of biochemistry for graduate students

Teaching of protein chemistry for graduate students