



*First Name: Ladan*

*Last Name: HosseiniGohari*

*Email: lhgohari@gmail.com*

*Address: Iran University of Medical Sciences*

*Phone Number: 00982188622578*

*Faculty: Emeritus of Faculty of Allied Medical Sciences*

*Department: Biochemistry*

*Rank: Professor*

*Research Centre: Cellular and Molecular Research Center.*

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### ***Educations:***

*-Ph.D of Clinical Biochemistry: (1988), Tehran University of Medical Sciences.*

*-Pharm. D: (1971), Tehran University*

### ***Fellowships& Sabbatical Leave:***

*-:Fellowship from WHO 1998, Thalassemia Centre, Cyprus-Nicosia .*

*-June 1999 ,Workshop for Laboratory Diagnosis of Thalassemia,Thalassemia International Federation,Cyprus-Nicosia*

*- 2001-2002, Detection of Alpha-ThalassemiaMutations ,Cyprus Institute of Neurology and Genetics, Nicosia –Cyprus ( sabbatical leave).*

### ***TeachingExperiences& CoursesTaught :***

*General Biochemistry& Clinical Biochemistry, Endocrinology(theoretical&practical)for doctorate and BS students inClinical Laboratory Sciences.*

*General Biochemistry for medical students.*

*Advanced Biochemistry & Molecular Mechanisms of Thalassemia & Hemoglobinopathies, for ,  
Ph.D Students in Molecular Medicine and Biochemistry*

*Laboratory Methods for Diagnosis of Diseases for Ph.D students in Molecular Medicine.*

*Enzyme Purification for Ms students in Biochemistry and Biotechnology.*

*Endocrinology , Clinical Enzymology, for MS & Ph.D students in Biochemistry*

*Quality Control for BS students in Clinical Laboratory Sciences.*

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### ***Professional Experiences:***

*- Head of Biochemistry Dept., Technical Institute of Lab Sciences Ministry of Health and Medical Education. 1978-1986.*

*- Head of Biochemistry Dept., Education and Research Center Iran University of Med. Sciences. 1986-1996.*

*- Head of Biochemistry Dept., Iran University of Med Sciences, Faculty of Allied Medical Sciences 1991. - 2010.*

*- Head of Hemoglobinopathies and Thalassemia Research Lab. , Tehran Blood Transfusion Center 1998-2004.*

### ***Research Interests & Specialized Methods:***

*Protein Chemistry*

*Lipoprotein*

*- Thalassemia and Hemoglobinopathies.*

*- Endocrinology and Diabetes.*

*- Clinical Enzymology.*

*- Biomarkers. Methods including; Chromatography, Electrophoresis, Immunoassay & Protein Purification.*

### ***Memberships:***

- *Member of Medical Council of Islamic Republic of Iran.*
- *Member of Biochemistry Society of Islamic Republic of Iran.*
- *Member of American Association for Clinical Chemistry.*
- *Member of Cellular and Molecular Research Centre.*
- *Member of Editorial Board of Payavard –Salamat Journal.*
- *Member of Advisory Board, of Journal of Iran University of Medical Sciences & Razi Medical Journal.*
- *Member of Iran Thalassemia Prevention Committee, Ministry of Health and Medical Education 1995-2008.*
- *Member of Promotion Committee, Faculty of Allied Medical Sciences, Iran University of Medical Sciences, up to 2012*
- *Member of Basic Sciences Committee of 14<sup>th</sup> and 15<sup>th</sup> Razi Festival (2009-2010). –1*

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### ***Awards & Honors:***

*Educational Award in 3<sup>rd</sup> Razi Festival 1997.*

*Educational Award in 3<sup>rd</sup> Hematology Refreshment courses 1999. Emam Khomeini Hospital. - Research Award in Week of Research, 2002 Iran University of Med. Sciences.*

*-Research Award 2003 Faculty of Allied Medical Sciences, Iran University of Med. Sciences.*

*Pioneer Researcher Award in Week of Research, 2006 Iran University of Med. Sciences.*

*Appreciation Letter from Minister of Health and Medical Education in Thalassemia. Festival, -Shiraz, Iran 2008.*

*-Educational Award 2008 Faculty of Allied Medical Sciences, Iran Univ of Med. Sciences.*

*Twelfth Eb-ne-Sina Pioneer Award 2010, Tehran University of Med. Sciences.*

### ***Publications After 2000:***

*-Najjari A, Asouri M, Hosseini Gohari L, Akhavan Niaki H, Mozaffari Nejad AS, Eslami*

*SM, Abolghassemi H, Ataee R, Ebrahimi AA, Rezaei Moshaei M, Ahmadi AA. alpha:non-alpha and G*

*gamma/Agamma globin chain ratios in thalassemia intermedia patients treated with hydroxyurea. Asian Pac J Trop Biomed 2014;4 (Suppl 1):S177-187*

*-Hosseini Gohari L (corresponding author), Bangale Z, Fayazi MR, Moghaddam F, Jamshidi K. Payavard-Salamat Journal, Evaluation of Liver enzyme activities (ALT-AST-ALP-GGT) before and after isoflurane anesthesia in neurosurgery patients. Journal of Payavard-Salamat 2014, 8(1):68-78*

*-Moaveni A, Mogaddam F, Arabshahi M, Hafezi M, Khoshgam M, Hosseini Gohari L, Investigation of serum level of T4, TSH, free testosterone and prolactin hormones as well as alb, SHBG proteins in women with hair loss vs those without hair loss. Journal of Payavard-Salamat, 2013; 7(1):pp1-10. (persian)*

*-Hormozi M, Talebi S, Zarnani AH, Jeddi-Tehrani M, Hosseini Gohari L, Soltangharai H, Jafarabadi M, Akhondi MM. 5-(N-ethylcarboxyamido)adenosine improves angiogenesis in transplanted human ovarian tissue, Fertil Steril. 2011 Jun 30; 95(8):2560*

*-Hormozi M, Talebi S, Zarnani AH, Jeddi-Tehrani M, Hosseini Gohari L, Akhondi MM, Effect of 5-(N-ethylcarboxyamido)adenosine on expression of VEGF and angiopoietin in the human ovarian cortex after transplantation to nude mice. Clinical Biochemistry, 2011; 44, Issue 3, Supplement. (abstract)*

*-Hormozi M, Akbari M, Hosseini Gohari L, Haidari M, Salehjoo Sh, Jeddi Tehrani M, Zarnani AH, Firoozrai M, Akhondi MM. Journal of Reproduction and Infertility, 2011; 12(2): Common methods of fertility preservation in young women & girls with cancer. (Persian)*

*-Hosseini Gohari, L (corresponding author), Moghadam F, Mahdi M, Rajab A, Broumand B. Fructosamine as a Complementary Fasting Blood Sugar Test for Glycemic Control in Diabetic Patients on Hemodialysis. Labmedicine, March 2011; 42(3):168-174*

*-Karimzadeh R, Hosseini Gohari L, Firoozray M, Noroozi Yeganeh M. Determination of Low Density LDL particle size by Gradient PAGE Electrophoresis in Patients with Coronary Artery Disease. Labmedicine March 2010; 4 (3): 164-166*

*-Hosseini Gohari L (corresponding author), Karimzadeh R, Firoozray, Zavarei A, Bassiri HA. The association between small dense low density lipoprotein, Apolipoprotein B, Apolipoprotein B/Apo AI ratio and coronary artery stenosis. MJIRI, May 2009; 23(1):6-13.*

*-Karimzadeh R, Hosseini Gohari L, Firoozray M, Zavarei A, Bassiri HA, Apo B/Apo A ratio and evaluation of coronary artery disease. JRMS, April 2009; No. 1 :41 (abstract)*

*-Hosseini Gohari L, Karimzadeh R, Firoozray M, Zavarei A, Bassiri HA, The association of small dense low density lipoprotein, Apolipoprotein B, Apolipoprotein B/Apo AI ratio and coronary artery stenosis. Clin. Chem. 2009; 55(56):A89 (abstract).*

-Najafi M, HosseiniGohari L, Firoozrai M. *Paraoxonase I Gene Promoter Polymorphism are Associated with the Extent of Stenosis in Coronary Arteries*, *Thrombosis Research* 2009; 123: 503-510.

-Moeini F, HosseiniGohari L, and Mostaan L.; *Detection of globin chain variants by ion exchange chromatography*, *Research Journal of Biological sciences*. 2008; 3 (4): 401-404.

-Najafi M, HosseiniGohari L, Firoozrai M, Zavarei A, Bassiri H.A. *Association between Paraoxonase-1 Gene Promoter T (-107) C Polymorphism*, *Iranian J Publ. health*, 2008; 37(1): 108-113.

-Najafi M., Firoozrai M., HosseiniGohari L, Zavarei A., Bassiri H.A. *Direct haplotyping of bi-allelic SNPs Using ARMS*. *Biomolecular Engineering*, 2007; 24: 609-612.

-Moeini F, Mostaan L, Shamsian Sh, HosseiniGohari L, *Identification of Beta chain Variants by Chromatographic Separation of the Globin Chains*. *Balkan Journal of Clinical Laboratory XIV*, 2007; 07: 1. (abstract).

-HosseiniGohari L, Petrou M, Felekis X, Christopoulos G, Kleanthus M. *Identification of Alpha-thalassemia Mutations in Iranian Individuals with Abnormal Hematological indices and normal HbA2*. *Hemoglobin*, 2003; 27(2): 129-133.

-Haeryfar SM, Rassaian N, Moslemzadeh M, HosseiniGohari L. *Elevated lipoprotein (a) in Systemic Lupus Erythematosus*, *Arch. Iranian Med*, 2002; 5(4): 30-234.

-HosseiniGohari L, Saremi, AZamani S. *Determination of Seminal Plasma Carnitine*. *Journal of Clinical Chemistry and Lab. Medicine (CCLM)*, 2002; 40: S92 (abstract).

-Noormohamadi I, Kochaki Is, Shabaani M, HosseiniGohari L, Nazari H. *Zinc, Copper, chromium, Manganese and Mg levels in Serum and Hair of IDDM*. *Arch Irn, MED* 2001; 3(3): 129-132.

-Noormohamadi I, HosseiniGohari L, Moddareszadeh M, Ghayoomi M. *Evaluation of Erythrocyte Glutathione Peroxidase, Superoxide Desmutase, Total Antioxidants in Cataract patients*. *Arch Irn MED*, 2001; 4(3): 123-126.

-HosseiniGohari L, Rajab A, Soori E, Vahdatpanah A. *Determination of RBC Sorbitol as an Indicator of Chronic Complication of Diabetes*. *CCLM*, 2001; 39: S 244. (abstract).

-HosseiniGohari L, Saremi, A, Fatehi A, Akbari MT. *Evaluation of Sperm CK and LDX in Infertile Oligospermic Iranian Men*. *CCLM*, 1999; 37: S400 (abstract)

فاطمه معینی، لادن حسینی گوهری، بی‌بی شهین شمسیان، لیلا مستعان - جداسازی زنجیره‌های گلوبین به روش کروماتوگرافی تعویض یونی. مجله دانشگاه علوم پزشکی ایران، تابستان ۱۳۸۷؛ دوره ۱۵ شماره ۱۵۷: ۱۶۴-۱۵۷

-دکتر حسینی گوهری - دکتر نورمحمدی - دکتر شرفی - خانم مستعان - دکتر دروزیتو.

تعیین نسبت زنجیره‌های گلوبین  $(\alpha/\beta)$  در افراد سالم با MCV و MCH و درصد HbA2 نرمال

فصل نامه پژوهشی خون، زمستان ۱۳۸۵؛ دوره ۳، شماره ۳۳۵: ۴-۳۳۱



-دکتر لادن حسینی گوهری، دکتر فیروز، دکتر زواره ای، خانم نفیسی، مطالعه فنوتیپ هاو فعالیت آنزیم پاراکسوناز در بیماران مبتلا به CAD. مجله علمی دانشگاه علوم پزشکی ایران ۱۳۸۴ شماره ۴۶: ۲۷۵-۲۸۵

- دکتر لادن حسینی گوهری \_ دکتر عیسی‌نور محمدی - دکتر زهره عطاره چی - ساخت هم کنترل برای الکتروفورز استات سلولز فصل نامه پژوهشی خون بهار ۱۳۸۴؛ دوره ۲ شماره ۳: صفحه ۵۳ - ۵۷

-دکتر صدیقه شمس - دکتر براننده - دکتر حسینی گوهری و دکتر کدخدائی - استخراج میو گلوبین از قلب گوسفند مجله علوم پزشکی تهران ۱۳۸۳

-دکتر شهرام ناصری نژاد - دکتر ولیالله حسینی - دکتر حسین فراهینی . دکتر لادن حسینی گوهری - دکتر مهدیخانی - دکتر دولت آبادی - دکتر پوپک رحیم زاده - مقایسه اثرات ایزوفلوران - پروپوفول و ایزوفلوران - تیوپنتال بر سطح نوراپی نفرین پلاسما، مجله دانشگاه علوم پزشکی ایران، ۱۳۸۲؛ شماره ۳۸ فوق العاده دو: صفحه ۹۵۷

-دکتر ولی الله حسینی - دکتر فراهینی - دکتر لادن حسینی گوهری - دکتر ناصر نژاد - دکتر امین سبحانی ، مقایسه اثر پروپوفول و تیوپنتال بر سطح نوراپی نفرین قبل و بعد از لارنگوسکوپي در حین بیهوشی مجله علوم پزشکی ایران زمستان، ۱۳۸۲؛ شماره ۳۷: صفحه ۷۱۳

-دکتر ناصر نژاد - دکتر حسینی - دکتر فراهینی - دکتر حسین گوهری - دکتر محقق - دکتر جوانشیر بررسی اثر سولفات منیزیم وریدی بر سطح پاسخهای استرس ، نورواندوکرین و فاز حاد در بیهوشی عمومی مجله دانشگاه علوم پزشکی ایران 1382؛ فوق العاده یک: صفحه ۶۱۹

-دکتر ناصر نژاد - دکتر حسینی - دکتر مجید عمران - دکتر محقق - دکتر رازی - دکتر لادن حسینی گوهری - بررسی اثرات سولفات منیزیم بر میزان درد و نوراپی نفرین سرم در اعمال جراحی اتروسکوم مجله دانشگاه علوم پزشکی ایران ، زمستان ۱۳۸۱؛ شماره ۳۱: صفحه ۶۱۵

- دکتر لاریجانی - دکتر پژوهی - دکتر حسینی گوهری - دکتر جوادی - دکتر شفائی - دکتر محمودی - فروکتوز امین - کنترل دیابت واریه یک مدل جدید . مجله علمی سازمان نظام پزشکی، جمهوری اسلامی ایران، ۱۳۸۰؛ دوره ۱۹، شماره ۱: صفحه

-مریم هرمزی - دکتر لادن حسینی گوهری دکتر ابراهیم جوادی - دکتر مهین زهرائی، اندازه گیری زیر واحدهای HDL با دو روش الکتروفورز رسوبی، مجله علمی پژوهش دانشگاه علوم پزشکی لرستان یافته، ۱۳۸۰؛ شماره ۱۰: صفحه ۱۵

- دکتر حسین کبیر - دکتر فیروز رازی - دکتر لادن حسینی گوهری - وضعیت لیپید و لیپو پروتئینهای پلاسما خون بیماران دیابتیک تیپ ۲. مجله علوم پزشکی ایران، تابستان ۱۳۷۹؛ شماره ۲۰: صفحه ۱۲۹

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*Faculty: Emeritus of Faculty of Allied Medical Sciences*

*Department: Biochemistry*

*Rank: Professor*

*Research Centre: Cellular and Molecular Research Center*

### ***National and International Congress Attendance:***

*The 9th International and 14<sup>th</sup> National Congress on Quality Improvement in Clinical Laboratories, April 19-22 2016, Tehran, Iran*

*The 8th International and 13<sup>th</sup> National Congress on Quality Improvement in Clinical Laboratories, April 19-22 2015, Tehran, Iran*

*The 7th International and 12<sup>th</sup> National Congress on Quality Improvement in Clinical Laboratories, April 19-22 2014, Tehran, Iran*

*AACC Annual Meeting 18-24 July, 2009 Chicago, Illinois.*

*10<sup>th</sup> International Conference on Thalassemia and Hemoglobinopathies, 7-10 Jan 2006, Dubai, UAE*

*10<sup>th</sup> Asian Pacific Congress of Clinical Biochemistry, 18-23 Sep. 2004, Perth, Western Australia*

*The International Conference on Thalassemia and the Hemoglobinopathies, 15-19 Oct 2003, Palermo, Italy*

*XVIII International Congress of Clinical Chemistry and Laboratory Medicine, 20-23 Oct. 2002, Kyoto, Japan*

*International Conference on Thalassemia and Hemoglobinopathies 18-21 Dec, 2001, Thessaloniki, Greece*

*XVII International Congress of Clinical Chemistry and Laboratory Medicine, 6-11 June, Firenze, Italy, 1999*

### ***Books :***

*-Hemoglobin in Health and Disease 2005, Published by Deputy of Health, Ministry of Health and Medical Education.*

*-Biochemistry Laboratory Mathematics, By Aliagharpour M, Scientific Editor  
Hosseini Gohari Ladan, 2009*

***Other Activities :***

*Advisor and Teacher of more than sixty students research thesis.*

*Supervision of more than twenty research projects in basic sciences.*

*Invited Lecturer in more than thirty laboratory sciences refreshment courses was held in Medical Sciences Universities.*

*Set up of Globin Chain Synthesis Laboratory, in Tehran Blood Transfusion Centre. 2001.*

*Set up of Endocrinology Practical Lab for BS Students in Clinical Laboratory Sciences, Faculty of Allied Medical Sciences, 2006*