

## Curriculum Vitae (CV )



### Personal information

First name(s) / Surname(s)	<b>Hossein Pourghadamyari (BSc, MSc, PhD)</b>
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<b>Desired employment / Occupational field</b>	<b>Clinical Biochemistry</b>
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## *Academic/Educational Background*

<b>DEGREE</b>	<b>FIELD</b>	<b>INSTITUTION</b>	<b>CITY</b>	<b>COUNTRY</b>	<b>DATE</b>
<i>PhD</i>	<i>Clinical Biochemistry</i>	<i>Tehran University of Medical Science</i>	<i>Tehran</i>	<i>Iran</i>	<i>2018</i>
<i>M. Sc</i>	<i>Clinical Biochemistry</i>	<i>Mashhad University of Medical Science</i>	<i>Mashhad</i>	<i>Iran</i>	<i>2012</i>
<i>B. Sc</i>	<i>Medical Laboratory Science</i>	<i>Kerman University of Medical Science</i>	<i>Kerman</i>	<i>Iran</i>	<i>2008</i>

### ***MSc. Thesis***

Evaluation of the relationship between serum level of anti-heat shock protein 27 and prooxidant-antioxidant balance in coronary artery disease based on angiography compare with control group ( supervisor: Dr. Majid Ghayour-Mobarhan. [Ghayourm@mums.ac.ir](mailto:Ghayourm@mums.ac.ir) )

### ***PhD. Thesis***

Knock-in of the prokaryotic Nitroreductase gene in zebrafish pancreatic beta-cells in order to produce the animal model of beta-cell regeneration.  
(supervisors: Dr.Taghi Golmohammadi. [golmoham@sina.tums.ac.ir](mailto:golmoham@sina.tums.ac.ir), Dr .Hossein Baharvand. [baharvand@royaninstitute.org](mailto:baharvand@royaninstitute.org))

## ***Peer-Reviewed Publication***

### ***Articles And Abstract***

#### **1. Investigation of Serum Oxidized Low-Density Lipoprotein IgG Levels in Patients with Angiographically Defined Coronary Artery Disease**

Mohsen Moohebaty, Vahid Kabirirad, Majid Ghayour-Mobarhan, Hossein Pourghadamyari, Amirhossein Sahebkar  
**International journal of vascular medicine**

#### **2. Prooxidant-Antioxidant Balance and Antioxidized LDL Antibody Level Values and Cardiac Function in Patients with Coronary Artery Disease**

Amir Ali Rahsepar, Asadollah Mirzaee, Hossein Pourghadamyari, Majid Ghayour-Mobarhan, Gordon A A Ferns

## Cardiology

### 3. **Anti-Heat Shock Protein 27 Titers and Oxidative Stress Levels are Elevated in Patients With Valvular Heart Disease**

Amir Ali Rahsepar, Asadollah Mirzaee, Hossein Pourghadamyari, Majid Ghayour-Mobarhan, Gordon A A Ferns  
**Angiology**

### 4. **Association between indices of body mass and antibody titers to heat-shock protein-27 in healthy subjects**

Shima Tavallaie, Amir Ali Rahsepar, Hossein Pourghadamyari, Majid Ghayour-Mobarhan, Gordon A.A. Ferns  
**Clinical biochemistry**

### 5. **A cross-sectional study of the association between heat shock protein 27 antibody titers, pro-oxidant-antioxidant balance and metabolic syndrome in patients with angiographically-defined coronary artery disease**

Amirhossein Sahebkar, Hossein Pourghadamyari, Roghayeh Paydar, Majid Ghayour-Mobarhan, Gordon A Ferns  
**Clinical biochemistry**

### 6. **Association of serum antibody titers against heat shock protein 27 and prooxidant-antioxidant balance with the severity of coronary artery disease and metabolic syndrome**

Ghayour-Mobarhan Majid, Pourghadamyari Hossein, Moohebaty Mohsen, Parizadeh Seyyed Mohammad Reza, Ferns Gordon  
**Clinical Biochemistry**

### 7. **Association of pro oxidant–antioxidant balance with the severity of coronary artery disease**

Hossein Pourghadamyari, Mohammad Reza Parizadeh, Amir Hossein Sahebkar, Amir Ali Rahsepar  
**Clinical Biochemistry**

### 8. **Comparison of Anti-Heat Shock Protein 27 Antibody Levels Among Several Groups, from Childhood to Indolence (Abstract)**

Amir Ali Rahsepar, Shima Tavallaie, Mohsen Moohebaty, Hossein Pourghadamyari, Gordon Ferns

**Clinical Biochemistry**

### 9. **Oxidative levels and its relation with extent and severity of coronary artery disease**

Hossein Pourghadamyari, Amir Rahsepar Ali, Shima Tavallaie, Gordon Ferns  
**Clinical Biochemistry**

### 10. **Changes in a measure of anti-heat shock protein 27 antibody levels and pro-oxidant-antioxidant balance after bare metal and drug eluting stent implantation in patients undergoing percutaneous coronary intervention**

Amir Ali Rahsepar, Shima Tavallaie, Seyyed Mohammad Reza Parizadeh, Hossein Pourghadamyari, Gordon Ferns

## **Clinical Biochemistry**

### **11. Evaluating cardiovascular risk factors among type 2 diabetic and healthy populace (Abstract)**

Hossein Pourghadamyari, Reza Parizadeh Seyed Mohammad ,Majid Ghayour Mobarhan

**Clinical Biochemistry**

### **12. Prooxidant-anti-oxidant balance is not associated with extent of coronary artery disease**

Amir Ali Rahsepar, Hossein Pourghadamyari, Fatemeh Khorashadizadeh, Majid Ghayour-Mobarhan, Gordon A Ferns

**Clinical biochemistry**

### **13. Association of antibody against heat shock protein-27 and pro-oxidant-antioxidant balance with the severity of coronary artery disease and metabolic syndrome (Abstract)**

M. Ghayour-Mobarhan, H. Pourghadamyari, M. Moohebat, S. M. R. Parizadeh, A. Sahebkar, A. Rahsepar, R. Paydar, G. Ferns

**Atherosclerosis Supplements**

### **14. Serum inflammatory and immune marker response after bare-metal or drug-eluting stent implantation following percutaneous coronary intervention.**

Mohsen Moohebat, Hossein Pourghadam-Yari, Majid Ghayour-Mobarhan, Gordon A Ferns

**Angiology**

### **15. Serum antibody titers against heat shock protein 27 are associated with the severity of coronary artery disease**

Hossein Pourghadamyari, Mohsen Moohebat, Seyed Mohammad Reza Parizadeh, Majid Ghayour-Mobarhan, Gordon A Ferns

**Cell Stress and Chaperones**

### **16. Changes in pro-oxidant-antioxidant balance after bare metal and drug eluting stent implantation in patients with stable coronary disease**

Homa Falsoleiman, Seyed Mohammad Reza Kazemi-Bajestani, Hossein Pourghadam-Yari, Majid Ghayour-Mobarhan, Gordon A Ferns

**Clinical biochemistry**

### **17. Acute decrease of anti-heat shock protein 27 and acute increase of high sensitive c-reactive protein after percutaneous coronary intervention**

M. Ghayour-Mobarhan, R. Paydar, H. Pourghadamyari, G. Ferns

**Atherosclerosis Supplements**

### **18. Urinary tract infection among diabetic patients with regard to the risk factors, causative organisms and their antimicrobial susceptibility profiles**

Mina Rohani Borj, Sima Taghizadehborojeni, Amene Shokati, Nafiseh Sanikhani, Hossein Pourghadamyari

**International Journal OF Life Science AND Pharma Research**

**19. Evaluation of IL-4, IL-17, and IFN- $\gamma$  Levels in Patients With Breast Cancer**

Mina Rohani Borj, Ali Reza Andalib, Seyed Mojtaba Hoseiniharouni, Hossein Pourghadamyari

**Int J Basic Sci Med**

**20. Molecular imaging and cancer gene therapy**

Z Saadatpour, H Pourghadamyari, B Baghaei, HR Mirzaei, A Sahebkar, H Mirzaei, M Keshavarzi

**Cancer gene therapy**

**21. New methods in the diagnosis of cancer and gene therapy of cancer based on nanoparticles**

MA Zaimy, N Saffarzadeh, A Mohammadi, H Pourghadamyari, P Izad

**Cancer gene therapy**

**22. Gene-knocked out chimeric antigen receptor (CAR) T cells: Tuning up for the next generation cancer immunotherapy**

HR Mirzaei, H Pourghadamyari, M Rahmati, A Mohammadi, JS Nahand

**Cancer letters**

***Under review.***

**1. Establishing a new animal model for muscle regeneration studies**

H Pourghadamyari, M Rezaei, R meshkani, Y tahamtani, M Basiri, T Golmohammadi, H baharvand

**2. Generation of a Transgenic Zebrafish Model for Pancreatic Beta Cell Regeneration**

Hossein Pourghadamyari, Mohammad Rezaei, Mohsen Basiri, Yaser Tahamtani, Reza Meshkani

**3. Hepatitis C Virus Genotype Distribution in South-West of Iran.**

Pourghadamyari H, Roohani M, Hosseiniharouni SM

**4. Wilms' tumor gene 1 (WT1) expression in childhood acute leukemias**

Seyed Mojtaba Hoseiniharouni, Hossein Pourghadamyari, Sima Taghizadehborojeni, Bahram Chahardouli

***Presentations:***

- *Association of the Serum antibody titers against heat shock protein 27 with coronary artery disease (11<sup>th</sup> national biochemistry Ghazvin Iran February 2011)*

- *Evaluating cardiovascular risk factors among type 2 diabetic and healthy populace (12<sup>th</sup> international biochemistry Mashhad Iran September 2011)*
- *Comparison of Anti HSP27 levels among several groups from childhood to indolence (12<sup>th</sup> international biochemistry Mashhad Iran September 2011)*
- *Assosiation of pro oxidant and Anti oxidant Balance with severity of coronery disease (12<sup>th</sup> international biochemistry Mashhad Iran September 2011)*

## ***Teaching Experience***

### ***Research Experience***

#### ***Clinical/Practice***

- One year work at diagnostic clinical lab Bousher Khatam Al Anbia hospital(2010-2012)
- Two years work at diagnostic clinical lab Tehran Mirza Kochak hospital (2013-2014)

### ***Laboratory Skills***

- SDS-PAGE, Western blot ,Thin Layer Chromatography
- PCR Primer design
- Immunohistochemistry
- Fluorescent microscopy
- Animal models (mouse, zebrafish, etc)
- PCR, RT-PCR , Real Time PCR
- Cell Culture
- ELISA
- Cloning
- CRISPR/Cas9 Gene Manipulation
- Gene Polymorphism (SNP)

### ***Scientific Memberships***

- *Member of Biochemical Society of Iran (BSI) Since 2009*
- *Member of Cardiovascular Research Center, Mashhad University of Medical Science (MUMS)*

### ***Research Interests***

- Gene Targeting (knock out/knock in)
- Research in biomarker for prediction and diagnosis of Atherosclerosis

### ***Referee:***

**Dr. Majid Ghayour-Mobarhan**

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