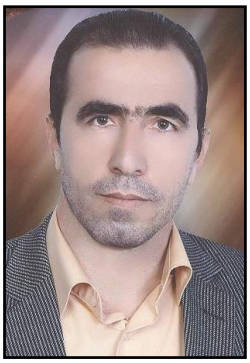

Department of Clinical Biochemistry, Faculty of Medicine, Ilam University of medical Sciences

Personal Data:

Name: Gholam Basati

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Education:

1. B.Sc, 1999, Botanical Biology, Shaheed Beheshti University, Tehran, Iran.
2. M.Sc, 2003, Clinical Biochemistry, Shaheed Beheshti University of Medical Sciences, Tehran, Iran.
3. Ph.D, 2012, Clinical Biochemistry, Isfahan University of Medical Sciences, Isfahan, Iran.

Academic Qualification:

PhD, Assistant Professor

Current position:

Member of the Scientific Board of Consultants

Previous Employment:

Research Interests:

1. Biomarkers and Pathobiology of Cancer

2. Biomarkers and Pathobiology of Cardiovascular diseases

Research Experiences:

1. HPLC-flourescence, HPLC-uv-visible

2. Flame photometer

3. Flame & flameless atomic absorption

4. RIA

5. Electrophoresis (protein and DNA)

6. PCR, experienced in real-time PCR

7. ELISA

8. GC-FID

9. Flourimetry

10. immunoturbidimetry & immunonephlometry

11. Enzyme assay

12. Ultracentrifugation

Research activities:

Research Title of	Place	Role & source of fund	Status
Measurement of IL-6 Level in the Serum and Tumoral Tissue and Its Correlation with the Extent of Disease Invasion in Patients with Gasterointestinal Cancer	Shaheed Beheshti University of Medical Sciences	Chief Coworker	Completed
Evaluation of the Association Between Myeloperoxidase Levels and Cardiovascular Risk Factors in Patients with Coronary Artery Disease	Isfahan University of Medical Sciences	Chief Coworker	Completed
Detection of elevated levels of tumor-associated microRNAs in serum of patients with gastrointestinal cancer	Ilam University of Medical Sciences	Administrator	Completed
Evaluation of the expression of PPAR-α, PPAR-δ, PPAR-γ, Oct3, Oct4, Nanog and Sox2 as effective genes involved in invasive behavior of cancer cells in gastric cancer patients	Ilam University of Medical Sciences	Administrator	Completed

Honours, Scholarships, Prizes and Awards:

1. Ranked 3nd among 214 participants in the Clinical Biochemistry PhD entrance exam, 2006

2. The best pharmacy and pharmaceutical sciences faculty student researcher (2011), Isfahan University of Medical Sciences, Iran.

Academic Membership of Associations:

Biochemical Society of Iran

Teaching Experiences:

Undergraduate:

1. General Biochemistry for B.Sc students of Biology (Ilam Payam Noor University)

2. Radiobiology for B.Sc students of Biology (Ilam Payam Noor University)

3. Molecular and Cellular Biology for B.Sc students of Biology (Ilam Payam Noor University)

4. Biochemistry for B.Sc students of Chemistry (Ilam Azad University)

5. Biochemistry for B.Sc students of Laboratory Scinces (Ilam University of Medical Sciences)

6. Molecular and Cellular Biology for B.Sc students of Laboratory Scinces (Ilam University of Medical Sciences)

Postgraduate:

1. Biochemistry for M.D students (Ilam University of Medical Sciences)
2. Clinical Biochemistry for MSc students of Clinical Biochemistry (Ilam University of Medical Sciences)

Patent:

Publications (Chapters in books, Books, Scientific papers, proceedings, abstracts)

Books:

Domestic Journals:

International journals:

1. Farideh Esfandi, Shahrokh Mohammadzadeh Ghobadloo, Gholam Basati. Interleukin-6 level in patients with colorectal cancer. Cancer Letters. 2006; 244(1): 76-78.

2. Saedziaaldin Samsamshariat, Gholam Basati*, Ahmad Movahedian, Morteza Pourfarzam, Nizal Sarrafzadegan. Elevated plasma platelet-activating factor acetylhydrolase activity and its

relationship to the presence of coronary artery disease. Journal of Research in Medical Sciences. 2011; 16(5): 674-679.

3. Saedziaaldin Samsamshariat, Gholam Basati*, Ahmad Movahedian, Morteza Pourfarzam, Nizal Sarrafzadegan. Elevated plasma myeloperoxidase levels in relation to circulating inflammatory markers in coronary artery disease. Biomarkers in Medicine. 2011; 5(3): 377–385.

4. Saedziaaldin Samsamshariat, Gholam Basati*, Ahmad Movahedian, Morteza Pourfarzam, Nizal Sarrafzadegan. Reduced plasma adiponectin levels relative to oxidized low density lipoprotein and nitric oxide in coronary artery disease patients. Clinics. 2011; 66(7): 1129-1135.

5. Gholam Basati, Samsamshariat Saed Ziaaldin, Ahmad Movahedian, Morteza Pourfarzam, Nizal Sarrafzadegan. The association of plasma leptin and homocysteine levels with the severity of coronary artery disease. Clinical Biochemistry. 2011; 44(13S): S1–S44.

6. Gholam Basati, Gholam Ali Naderi, Maryam Boshtam, Amir Nader Emami Razavi, Masoumeh Sadeghi. Circulating activity of secretory phospholipase A2 and paraoxonase-1 in relation to the severity of coronary artery. Clinical Biochemistry. 2011; 44(13S): S45–S63.

7. Gholam Basati, Amir Nader Emami Razavi, Mohsen Ani, Gholam Ali Naderi, Maryam Boshtam. Association of the plasma myeloperoxidase level with paraoxonase-1 activity in unstable coronary artery disease. Clinical Biochemistry. 2011; 44(13S): S125-S188.

8. Gholam Basati, Zarrin Minuchehr, Armin Madadkar Sobhani. Elucidation of the 3D structure of growth hormone-growth hormone receptor complex by using of bioinformatics softwares. Journal of the Iranian Chemical Society. 2009; 6(Suppl.): S73-S79.

9. Bakhtiyari S, Haghani K, Basati G, Karimfar MH. siRNA therapeutics in the treatment of diseases. Ther Deliv. 2013 Jan;4(1):45-57.

10. Emami Razavi A, Basati G*, Varshosaz J, Abdi S. Association between HDL particles size and myeloperoxidase/ paraoxonase-1 (MPO/PON1) ratio in patients with acute coronary syndrome. Acta Med Iran. 2013 Jul 13;51(6):365-71.

11. Boshtam M, Razavi AE, Pourfarzam M, Ani M, Naderi GA, Basati G, Mansourian M, Dinani NJ, Asgary S, Abdi S. Serum paraoxonase 1 activity is associated with fatty acid composition of high density lipoprotein. Dis Markers. 2013;35(4):273-80..

12. Basati G, Razavi AE, Abdi S, Sarrafzedegan N. Association of plasma leptin, homocysteine and nitric oxide levels with the presence and unstability of coronary artery disease. Biomark Med. 2014;8(3):405-12.

13. Basati G, Emami Razavi A, Abdi S, Mirzaei A. Elevated level of microRNA-21 in the serum of patients with colorectal cancer. Med Oncol. 2014 Oct;31(10):205.

14. Basati G, Emami Razavi A, Abdi S, Sarrafzadegan N. Association between adipokine and myeloperoxidase levels in patients with coronary artery disease. Acta Med Iran. 2015;53(1):25-9.

15. Basati G, Razavi AE, Pakzad I, Malayeri FA. Circulating levels of the miRNAs, miR-194, and miR-29b, as clinically useful biomarkers for colorectal cancer. Tumour Biol. 2016 Feb;37(2):1781-8.

16. Azizian M, Basati G, Abangah G, Mahmoudi MR, Mirzaei A. Contribution of Blastocystishominis subtypes and associated inflammatory factors in development of irritable bowel syndrome. Parasitol Res. 2016 May;115(5):2003-9.

17. G Basati, H Mohammadpour, A Emami-Razavi. Low expression levels of peroxisome proliferator-activated receptor gamma (PPARγ) in gastric cancer and its relationship with tumor progression. Journal of Isfahan Medical School 35(440):911-918.

18. Gharibi A, Yaghmaei P, Basati G, Soleimannejad K, Abbasi N. Decreased level of the anti-inflammatory adipokine, secreted frizzled-related protein 5, in patients with coronary artery disease. Ann Trop Med Public Health 2017;10:1735-9

19. Basati G, Khaksarian M, Abbaszadeh S, Lashgarian HE, Marzban A. Cancer stem cells and nanotechnological approaches for eradication. Stem Cell Investig. 2019 Nov 28;6:38. doi: 10.21037/sci.2019.10.07. PMID: 31853454; PMCID: PMC6917554.

20. Yaghoubizadeh M, Pishkar L, Basati G. Aberrant Expression of Peroxisome Proliferator-Activated Receptors in Colorectal Cancer and Their Association with Cancer Progression and Prognosis. Gastrointest Tumors. 2020 Apr;7(1-2):11-20. doi: 10.1159/000503995. Epub 2019 Nov 1. PMID: 32399461; PMCID: PMC7206611.

21. Seidkhani-Nahal A, Khosravi A, Mirzaei A, Basati G, Abbasi M, Noori-Zadeh A. Serum vascular endothelial growth factor (VEGF) levels in ischemic stroke patients: a systematic review and meta-analysis of case-control studies. Neurol Sci. 2020 Sep 5. doi: 10.1007/s10072-020-04698-7. Epub ahead of print. PMID: 32888077.

22. Seidkhani-Nahal A, Mirzaei A, Basati G, Parvizi-Faraz D, Noori-Zadeh A. A systematic review and meta-analysis of recent studies reporting hormone levels related to thyroid gland function in migraineurs, until April 2020. Hormones (Athens). 2020 Jul 15. doi: 10.1007/s42000-020-00228-4. Epub ahead of print. PMID: 32666358.

23. Basati G, Mohammadpour H, Emami Razavi A. Association of High Expression Levels of SOX2, NANOG, and OCT4 in Gastric Cancer Tumor Tissues with Progression and Poor Prognosis. J Gastrointest Cancer. 2020 Mar;51(1):41-47. doi: 10.1007/s12029-018-00200-x. PMID: 30628031.

24. Basati G, Saffari-Chaleshtori J, Abbaszadeh S, Asadi-Samani M, Ashrafi-Dehkordi K. Molecular Dynamics Mechanisms of the Inhibitory Effects of Abemaciclib, Hymenialdisine,

and Indirubin on CDK-6. Curr Drug Res Rev. 2019;11(2):135-141. doi: 10.2174/2589977511666191018180001. PMID: 31875784.

25. Saeidi A, Jabbour G, Ahmadian M, Abbassi-Daloii A, Malekian F, Hackney AC, Saedmocheshi S, Basati G, Ben Abderrahman A, Zouhal H. Independent and Combined Effects of Antioxidant Supplementation and Circuit Resistance Training on Selected Adipokines in Postmenopausal Women. Front Physiol. 2019 Apr 26;10:484. doi: 10.3389/fphys.2019.00484. PMID: 31105587; PMCID: PMC6499001.

26. Astaraki, P., Basati, G., Abbaszadeh, S., Mahmoudi, G.A. A review of medicinal plants used for snakebites and scorpion stings in Iran: A systematic review. Research Journal of Pharmacy and Technology, 2020, 13(3), pp. 1565–1569

27. Basati, G., Shiri, S., Alizadeh, K., Abbasi, N. Novel and green ultrasonic-assisted liquid–liquid microextraction method based on a nanopolymer for extraction of ferulic acid, gallic acid, cinnamic acid and rutin from vegetable oils. Journal of the Iranian Chemical Society, 2020, 17(3), pp. 577–591

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30. Anbari, K., Abbaszadeh, S., Basati, G. Medicinal plants with preventive and therapeutic effect on diarrhoea: A cross-sectional epidemiologic and ethnobotanical study in traditional therapists of Shahrekord, south-west of Iran. Plant Science Today, 2019, 6(4), pp. 512–517.

31. Izadi-Ajeerlo, B., Bastaminejad, S., Basati, G. Upregulated expression of the growth arrest-specific-2 (gas2) gene in colorectal cancer, and its relation to cancer progression and prognosis. Journal of Isfahan Medical School, 2019, 37(515), pp. 93–100.

32. Farzan, B., Abbaszadeh, S., Basati, G., Teimouri, H. An overview of the most important medicinal plants effective on the strength of memory and mind in Iranian ethnobotany. Journal of Pharmacy and Pharmacognosy Research, 2019, 7(3), pp. 156–162

33. Sharifian, M., Hasanvand, A., Basati, G., Abbaszadeh, S. Surgery and Medicinal Plants: A review of important indigenous medicinal plants of Iran for burn wound healing. Plant Science Today, 2019, 6(2), pp. 264–269.

34. Nouri, A., Heidarian, E., Amini-Khoei, H., Abbaszadeh, S., Basati, G. Quercetin through mitigation of inflammatory response and oxidative stress exerts protective effects in rat model of diclofenac-induced liver toxicity. Journal of Pharmacy and Pharmacognosy Research, 2019, 7(3), pp. 200–212.

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Domestic congress:

1. **Gholam Basati**, Saed ziaaldin Samsamshariat, Ahmad Movahedian, Morteza Pourfarzam, Nizal Sarrafzadegan. Decreased plasma adiponectin levels in relation to circulating inflammatory markers in coronary artery disease. Presented in the 11th Iranian Congress of Biochemistry. Qazvin, Iran, (2011).

International congress:

1. The association of plasma leptin and homocysteine levels with the severity of coronary artery disease. **Gholam Basati****, Saed ziaaldin Samsamshariat, Ahmad Movahedian, Morteza Pourfarzam, Nizal Sarrafzadegan. 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry & Molecular Biology Mashhad, Iran 6-9 September 2011.

2. **Gholam Basati**, Koorosh Goodarzvand Chegini, Amir Nader Emami Razavi, Gholamreza Namazi. Association between plasma leptin and adiponectin levels with adiposity. Presented in the 2th International Congress of Metabolic Syndrome, Obesity & Diabetes. Zanjan, Iran, (2010).

3. Behzad Izadi, **Gholam Basati***, Saiyad Bastaminejad. Overexpression of the growth arrest-specific-2 (GAS2) gene in colorectal cancer tumor tissues, and its relationships with disease progression and poor prognosis. 11th International Congress of Laboratory & Clinic. 16-18 Jan-Feb 2019, Tehran, Iran.

4. **Gholam Basati***, Hadiseh Mohammadpour, Amirnader Emami Razavi. Association of high expression levels of SOX2, NANOG and OCT4 in gastric cancer tumor tissues with progression and poor prognosis. 15th Iranian Congress of Biochemistry & 6th International Congress of Biochemistry & Molecular Biology, Isfahan, Iran 25-28 August 2018.

5. Hajar Hasan, Hanieh Jafary, **Gholam Basati***. Overexpression of B-cell-specific Moloney murine leukemia virus integration site 1 and Fas ligand in colorectal cancer patients and their correlation with cancer progression. 16th National Congress of Biochemistry & 7th International Congress of Biochemistry Molecular Biology and prognosis, Tehran, Iran 9-12 November 2020.

6. Musa Yaghoubizadeh, Leila Pishkar, **Gholam Basati***. Deregulated expression of PPARα, PPARγ, and PPARδ in colorectal cancer and their effects on cancer progression and shortened survival. 12th International Congress of Laboratory & Clinic. 12-14 December 2019, Tehran, Iran.

Outside interests: