

Mehdi Hedayati

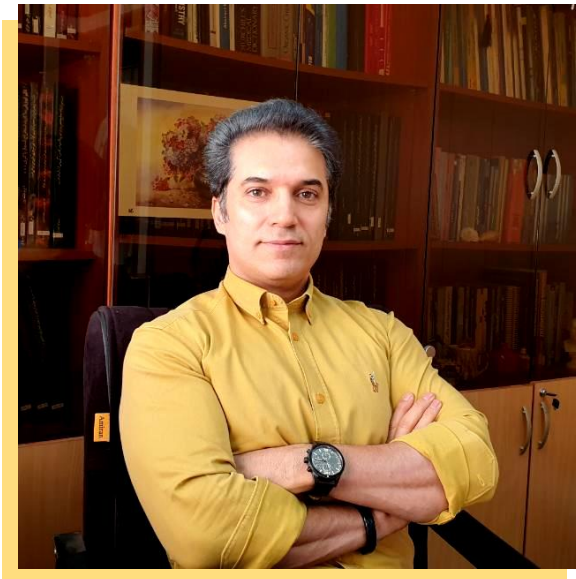
Professor in Biochemistry

Scientific Resume (Jan. 2013- Oct. 2024)

Cellular and Molecular Endocrine Research Center,

Research Institute for Endocrine Sciences

Shahid Beheshti University of Medical Sciences Tehran Iran



Given Name: Mehdi

Surname: Hedayati

Marital status: Married

Birth Year: 1969

Work Address:

*No.23, Arabi Street, Yamen Street, Cellular and Molecular Endocrine Research Center,
Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical
Sciences, Tehran, Iran*

Tel: +98(21) 22432500

Fax: +98(21) 22416264

Cell phone: +98(912) 1495939

E mail: *Hedayati@endocrine.ac.ir & Hedayati47@gmail.com & hedayati@sbmu.ac.ir*

Education:

<i>Degree</i>	<i>Field of Study</i>	<i>University</i>	<i>Period (year)</i>	
<i>BSc</i>	<i>Chemistry</i>	<i>Sharif University of Technology, Tehran, Iran</i>	<i>1987</i>	<i>1991</i>
<i>MSc</i>	<i>Clinical Biochemistry</i>	<i>Tarbiat Modares University, Tehran, Iran</i>	<i>1992</i>	<i>1995</i>
<i>PhD</i>	<i>Biochemistry</i>	<i>Tehran University, Tehran, Iran</i>	<i>1996</i>	<i>2002</i>

Employment History

- 1. Research Vice Chancellor at the Research Institute for Endocrine Sciences (Since 2023)*
- 2. Professor, academic staff at the Cellular and Molecular Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran (Initial Approved, Final Process, Since 2017)*
- 3. Associate Professor, academic staff at the Cellular and Molecular Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran (2011-2017)*
- 4. Assistant Professor, academic staff at the Cellular and Molecular Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran (2005-2011)*
- 5. Head of the Cellular and Molecular Endocrine Research Center of the Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran (Since 2011)*
- 6. Associate Editor of the International Journal of Endocrinology and Metabolism (Since 2011)*
- 7. Head of the SC16 Technical Committee at the Iran National Standards Organization (2011-2017)*
- 8. Deputy Editor of the Iranian Journal of Endocrinology and Metabolism (IJEM) (Since 2018)*
- 9. Head of the Central/Reference Iodine Lab in Iran (2005-2019), Providing service to the Middle East and north of African countries*
- 10. Head of Research Laboratories of the Research Institute for Endocrine Sciences (Since 2001)*

Membership in Organizations

1. *Editorial Board member of the Military Medical Research Journal (Since 2024)*
2. *Editorial Board member of the Oncology Research Journal (Since 2023)*
3. *Associate Editor of the Lipids in Health and Disease Journal (2023-2024)*
4. *Deputy Editor of the Iranian Journal of Endocrinology and Metabolism (IJEM) (Since 2018)*
5. *Associate Editor of the International Journal of Endocrinology and Metabolism (Since 2018)*
6. *Member of the Scientific Committee and International Editorial Board in Medical and Health Sciences of the World Academy of Science, Engineering and Technology (since 2011)*
7. *Member of the Scientific Committee and Editorial Board of the Annals of Thyroid Research Journal (Since 2005)*
8. *Editorial Board member of the International Journal of Endocrinology and Metabolism (2011-2018)*
9. *Editorial Board member of the Iranian Journal of Endocrinology and Metabolism (IJEM) (2011-2018)*
10. *Consultant in the Biochemistry branch of the Center of Disease Control (2011-2018)*
11. *Editorial Board of the Journal of Applied Health Studies in Sport Physiology (JAHSSP) (2011-2018)*
12. *Member of Biochemistry Committee in the Ministry of Health (2005-2018)*

Interest fields

1. *Biochemistry aspect of thyroid disorders, especially thyroid cancer*
2. *Genetic aspect of thyroid disorders, especially thyroid cancer*
3. *Laboratory methodology and Method development (Analytical Biochemistry and statistic and mathematics in biology)*
4. *Biochemistry and genetics of Obesity & Diabetes (Especially the endocrine aspect of adipose tissue, and Adipokines)*
5. *Iodine deficiency disorders (IDD), iodine determination methods, and quality control*

Honors & Awards

1. *Member of the jury of the 24th Abu Rayhan Biruni Research Festival, Shahid Beheshti University of Medical Sciences (2023)*
2. *Outstanding scientist with H-index 28 and citation>1000 in 19th Research Festival of Shahid Beheshti University of Medical Sciences (2018).*
3. *Elected Associate Prof. in Medical basic research, 18th Research Festival of Shahid Beheshti University of Medical Sciences, (2017).*
4. *Outstanding scientist with H-index 26 and citation>1000 in 18th Research Festival of Shahid Beheshti University of Medical Sciences (2017).*
5. *Winner of 22th National Research Festival of Razi, Elected Associate Prof. in Medical basic research (2016).*
6. *Outstanding scientist with H-index 24 and citation>1000 in 17th Research Festival of Shahid Beheshti University of Medical Sciences (2016).*
7. *Outstanding scientist with H-index 22 and citation>1000 in 16th Research Festival of Shahid Beheshti University of Medical Sciences (2015).*
8. *Elected Associate Prof. in Medical basic research, 14th Research Festival of Shahid Beheshti University of Medical Sciences, (2013).*
9. *Winner of Islamic World Science Citation Center (ISC) Research festival as the seventh high cited scientist (2013).*
10. *Winner of Islamic World Science Citation Center (ISC) Research festival as the fourth cited scientist (2012).*
11. *Winner of First Biochemist title (Research Festival of Ministry of Sciences (2010)*
12. *The Top Biochemist in the Country, Elected by Ministry of Health (2009)*

- 13. Winner of Outstanding Researcher title (Research Festival of Ministry of Health (2009)*
- 14. Winner of 8th Research Festival of Shahid Beheshti University of Medical Sciences (2007).*
- 15. Winner of 7th Research Festival of Shahid Beheshti University of Medical Sciences (2006).*

Published Books

1. *Crooked Thinking or Straight 2024 (Mehdi Hedayati) ISBN 978-622-5946-95-8*
2. *Genetic Ethics (An Introduction) 2023 (Mehdi Hedayati) ISBN 978-622-5946-43-9*
3. *Fundamental and Analytical Methodologies in Metabolomics 2022 (Mehdi Hedayati) ISBN 978-622-7595-77-2*
4. *Clinical Biochemistry: Endocrinology and Metabolic Disease Based on Case Reports 2022 (Mehdi Hedayati) ISBN 978-622-7595-89-5*
5. *Diabetes Management, A manual for patient-centered care 2022 (Mehdi Hedayati) ISBN 978-622-6653-60-2*
6. *In-vitro diagnostic devices: introduction to current point-of-care diagnostic devices 2021 (Mehdi Hedayati) ISBN-978-622-6653-36-7*
7. *Philosophy of Science 2021 (Mehdi Hedayati) ISBN-978-622-6653-37-4*
8. *Real Time PCR 2017 (Mehdi Hedayati) ISBN-978-600-8493-70-9*
9. *Medullary Thyroid Cancer 2017 (Mehdi Hedayati) ISBN-978-600-5907-89-6*
10. *Thyroid Cancer 2016 (Mehdi Hedayati) ISBN-978-600-5907-99-5*
11. *Book Chapter Thyroid Cancer 2016 (Mehdi Hedayati)*
12. *Endocrinology 2016 (Mehdi Hedayati) ISBN-978-600-8493-39-6*
13. *Cancer Biology 2015 (Mehdi Hedayati) ISBN-978-600-7186-07-7*

<i>Last Ten Years Published papers</i>		
<i>International</i>	<i>National</i>	<i>Total</i>
<i>367</i>	<i>121</i>	<i>488</i>

Approved Research Projects (2015-2024)

- 1. The study of Association between Plasma Selenium Level and mRNA expression of SOCS6, RSK4, NOL4 tumor suppressing Genes in Patients with Papillary Thyroid Cancer*
- 2. The study of Association between Plasma Selenium Level and methylation of SOCS6, RSK4, NOL4 tumor suppressing Genes the sin Patients with Papillary Thyroid Cancer*
- 3. The study of the Effect of selenium on Methylation of DAPK1, SLC5A8, SOCS6, RSK4, NOL4 tumor Suppressing Genes in Thyroid Papillary Cancer cell line*
- 4. The study of Association between Plasma Selenium Level, methylation and mRNA level of DAPK1 ,SLC5A8 tumor suppressing Genes in Patients with Papillary Thyroid Cancer*
- 5. Assessment of the expression changes of MT4-MMP and MT6-MMP proteins in papillary thyroid carcinoma and its association with lymph node metastasis*
- 6. CRISPR Genome Editing of RET Oncogene, and transcriptome analysis of cell proliferation and differentiation in Medullary Thyroid Carcinoma*
- 7. CRISPR Genome Editing of RET Oncogene, and transcriptome analysis of angiogenesis in Medullary Thyroid Carcinoma*
- 8. CRISPR Genome Editing of RET Oncogene, and transcriptome analysis of apoptosis in Medullary Thyroid Carcinoma*
- 9. CRISPR Genome Editing of RET Oncogene, and transcriptome analysis of metastasis in Medullary Thyroid Carcinoma*
- 10. CRISPR Genome Editing of RET Oncogene, a New Potential Therapeutic Approach for Medullary Thyroid Carcinoma*

11. *Assessment of ganetespib effects on the gene and protein expression of HIF-1 α and NIS in papillary thyroid cancer cell line under hypoxia.*
12. *Evaluation of Reference Genes Expression for Normalization of Relative Real-time-PCR Studies in Human Papillary Thyroid Cancer*
13. *Diagnosis of Thyroid Cancer Using Metabolism: A Review Article*
14. *Assessment of ganetespib effects on gene and protein expression of E-cadherin and MMP9 in papillary thyroid cancer cell line under hypoxia*
15. *Assessment of serum metabolomics profiles in patients with papillary thyroid cancer, multinodular goiter and healthy subjects by H-NMR: a pilot study*
16. *Study of miR-154, miR-183, miR-127 expression in Medullary Thyroid Carcinoma tumors*
17. *Study of miR-375, miR-224 and miR-10a expression in Medullary Thyroid Carcinoma tumors*
18. *Expression assessment of TSPAN1 and Fibulin1 Proteins in benign and malignant thyroid tumors*
19. *Assessment of PI3K/AKT/mTOR and Wnt/beta catenin pathway inhibitors coadministration effects on different thyroid cancer cell lines*
20. *Assessment of levonorgestrel and ethinyl estradiol effects on some angiogenic, apoptotic and growth factors in human papillary thyroid cancer cell line BCPAP*
21. *Assessment of RET gene promoter methylation changes and MRNA expression in tumoral tissues of patients affected with medullary thyroid carcinoma*
22. *Analysis of somatic mutations in exons 10,11, 16 of the RET proto-oncogene in Iranian patients with medullary thyroid carcinoma*

23. *Investigating the relationship between the expression of FTO, Apelin, Leptin, P53 and PPAR γ genes with fatty acids intake in subcutaneous adipose tissue in normal, overweight and obese individuals: OES*
24. *Analysis of RET gene mutations in Medullary Thyroid Cancer patients in a 10-year period*
25. *Epigenetic changes in the thyroid cancer subtypes and their therapeutic application*
26. *Metformin and Thyroid Cancers: A Systematic Review*
27. *Assessment of plasma levels of CTRP6 and Cartonectin Adipokines and their association with Clinicopathological features in papillary thyroid carcinoma patients*
28. *"Does Parathyroid Hormone-related Protein (PTHrP) Disturb Energy Metabolism to Induce*
29. *? Cancer Cachexia"*
30. *The frequency of BRAFV600E Mutation and PAX8/PPAR γ Chromosomal Rearrangement in Thyroid Nodules and their Association with Cancer*
31. *Evaluation of serum Omentin levels in obese and non-obese individuals*
32. *Assessment of AXL signaling pathway and its controlling miRNAs in blood and tissue samples of medullary thyroid carcinoma patients*
33. *Assessment of Expression of PTEN Enzyme and Nuclear Protein KLLN at mRNA Level in Tissue Samples of Patients with Papillary Thyroid Cancer*
34. *Assessment of Expression of PTEN Enzyme and Nuclear Protein KLLN at Protein Level in Tissue Samples of Patients with Papillary Thyroid Cancer*

35. *Study of expression in miRNAs miR-197, miR-224, miR-183, miR221/-222, miR-129, miR-339, miR-146b in patients with adenoma and follicular thyroid carcinoma*
36. *Assessment of P53 and PTEN genes methylation changes in subcutaneous and visceral adipose tissues in obese and over-weight individuals*
37. *Evaluation of DNA methylation of CpG region in the promoter of the RASSF1A, TSHR, NIS, and TIMP-3 genes in papillary thyroid cancer (PTC)*
38. *Study of Association between Serum Thyroglobulin Iodine Content and Urinary Iodine Status in an Iranian Population*
39. *Determination of serum Resistin level in bladder cancer patients*
40. *Evaluation the Correlation of P53 Gene Expression with Insulin Resistance and Protein intake in Obese and Non-obese Subjects*
41. *Association study of RET proto-oncogene mutations in 9, 11, 13 and 15 exons with serum Vaspin and RBP4 Adipokines levels in medullary thyroid carcinoma patients*
42. *Association study of RET proto-oncogene mutations in 10 ,12 ,14 ,16 exons with serum Chemerin and VEGF Adipokines level in medullary thyroid carcinoma patients*
43. *Evaluation of Omentin gene expression in omental and subcutaneous fats in obese and non-obese individuals*
44. *Effect of Bisphenol A as an Occupational Factor & Calcitriol as a Nutritional Factor on Proliferation & Differentiation of Human Mesenchymal Stem Cells to Adipocytes*

45. *Association study of FokI polymorphism of vitamin D receptor gene in vitamin D3 supplementation efficacy on anthropometric measures, body composition and inflammatory markers according to in overweight women*
46. *Assessment of PI3K inhibitor (LY294002) and MEK inhibitor (Selumetinib) effect on NIS gene and protein expression in CD133+ stem cells of anaplastic thyroid cell line*
47. *Assessment of metformin effects on genes and proteins expression involved in PI3K/Akt/FoxO1 pathway, an AMPK-independent pathway, in anaplastic and medullary thyroid carcinoma cell lines*
48. *Assessment of Expression of PTEN Enzyme and Nuclear Protein KLLN at Protein Level in Tissue Samples of Patients with Papillary Thyroid Cancer*
49. *Study of expression in miRNAs miR-197, miR-224, miR-183, miR221/-222, miR-129, miR-339, miR-146b in patients with adenoma and follicular thyroid carcinoma*
50. *Study of mutations frequency of exon 19 of the RET proto-oncogene in Iranian patients with Medullary Thyroid Carcinoma*
51. *Study of mutation frequency in exons 1, 2 and promoter of RET proto-oncogene in Iranian patients with Medullary Thyroid Carcinoma*
52. *Study of mutations frequency in exons 17 and 18 of the RET proto-oncogene in Iranian patients with Medullary Thyroid Carcinoma*
53. *Study of 8 weeks HIIT on troponin T, metallothionein, Apelin and cardiac in health male rats*
54. *Comparison of the effect of 8 weeks endurance and high intensity interval training on gene expression of PGC-1 α and VEGF in cardiac muscle of healthy male rats*
55. *Association between Apelin gene relative expression and dietary fatty acids in obese and normal weight subject*

56. *Assessment of miR-222 expression and its association with MMP-9 and TIMP-3 genes expression in papillary thyroid cancer (PTC) tumor*
57. *Assessment of miR-18b, and miR-222 expression and its association with mutation of BRAF in papillary thyroid cancer (PTC) tumor*
58. *DNA methylation pattern in promoter region of TTF-1 gene in thyroid cancers*
59. *Assessment of miR-137 and miR-214 expression and its association with mutation of BRAF in papillary thyroid cancer (PTC) tumor*
60. *Study of variation in plasma levels of Osteocalcin, Retinol binding protein-4 and identification of single nucleotide polymorphism in promoter of Osteocalcin gene in patients with medullary thyroid Carcinoma*
61. *Association study of serum Omentin level with exon 19 mutation of RET proto-oncogene in Medullary thyroid carcinoma*
62. *Association study of BsmI polymorphism of vitamin D receptor gene in vitamin D3 supplementation efficacy on anthropometric measures, body composition and inflammatory markers according to in overweight women*
63. *Assessing and comparing the PAX8 gene expression in follicular cancers and benign nodules of thyroid*
64. *Categorizing of Tehran lipid and glucose study data in Research Institute for Endocrine Sciences*
65. *Association study of FokI polymorphism of vitamin D receptor gene in vitamin D3 supplementation efficacy on anthropometric measures, body composition and inflammatory markers according to in overweight women*

66. *Assessment of association DOT1L, KLF9, LRRC8D, SEPSECS, NLRP3 and FOXK2 genes methylation with thyroid hormones level in TLGS study*
67. *Comparative analysis of GC–MS based metabolomics of SW1736, C643, and 8305C cancer cells treated with Tamoxifen*
68. *Regulators of Glucose Uptake in Thyroid Cancer Cell Lines*
69. *Biochemical markers: What do they play for prediction, diagnosis and prognosis of COVID-19*
70. *The effects of consuming beetroot juice on anthropometric measurements, glycemic control, lipid index, blood pressure, systemic and vascular inflammation and oxidative stress in plasma and nuclear factor kappa in peripheral blood mononuclear cells in patients with type 2 diabetes: an experimental study Random clinical*
71. *Investigating the effects of supplementing with crocin on lipid profile and markers of oxidative stress in patients with type 2 diabetes*
72. *Examining the plasma level of selenium in patients with papillary thyroid cancer and the effect of selenium in the papillary thyroid cancer cell line on the methylation of tumor suppressor genes NOL4, RSK4, SOCS6, SLC5A8, DAPK1*
73. *Investigating a new treatment approach for medullary thyroid cancer by targeting RET oncogene using CRISPER/Cas9 gene editing method*
74. *Supplemental effects of crocin supplementation on plasma levels of metabolic parameters, inflammatory factors, oxidative stress and AMP active protein kinase concentration in patients with type 2 diabetes*
75. *Supplemental effects of soy isoflavones on cardiovascular disease risk factors and bone metabolism markers in peritoneal dialysis patients.*

76. *Investigating changes in the expression of MT4-MMP and MT6-MMP proteins in papillary thyroid cancer and its relationship with lymph node metastasis*
77. *Effects of synbiotic supplement containing Bacillus coagulans and fructooligosaccharide on glycemic control, lipid profile, blood pressure and systemic inflammation in patients with type 2 diabetes.*
78. *The effects of nanomicelle curcumin supplementation on blood pressure, anthropometric indices, glycemic control and serum concentration of lipid parameters in patients with metabolic syndrome*
79. *Studying the prevention and reduction of the effects of aflatoxicosis in animal models using immunochemical techniques*

Scopus Record



Search Lists Sources SciVal ? [Create account](#) [Sign in](#)

This author profile is generated by Scopus. [Learn more](#)

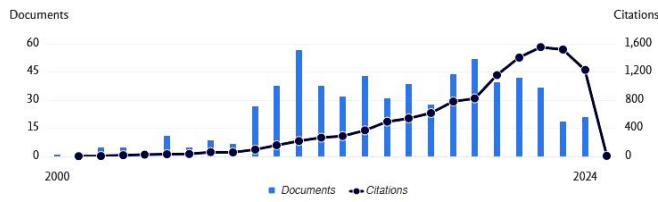
Hedayati, Mehdi

[The Cellular and Molecular Endocrine Research Center, Tehran, Iran](#) 17338627500 <https://orcid.org/0000-0001-5816-775X> [View more](#)

11,752 Citations by 9,788 documents | 636 Documents | 48 h-index [View h-graph](#) | [View more metrics >](#)

[Set alert](#) [Edit profile](#) [More](#)

Document & citation trends



Most contributed Topics 2019–2023

- Thyroid Tumor; B Raf Kinase; Oncogene Protein**
7 documents
- Lectin; Cytokine; Serpin**
7 documents
- Thyroid Tumor; Thyroid Medullary Carcinoma; Oncogene Protein**
6 documents

<https://www.scopus.com/authid/detail.uri?authorId=17338627500>

Google Scholar Record

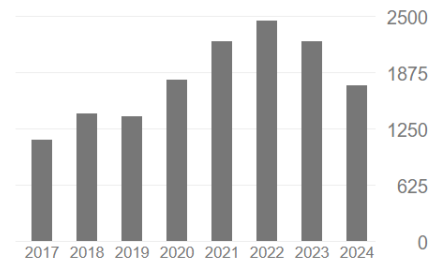


Mehdi Hedayati (Prof. in Biochemistry),

Research Institute For Endocrine Sciences, Shahid Beheshti University of
Verified email at sbmu.ac.ir

Biochemical and Genetical ...

	All	Since 2019
Citations	20043	11894
h-index	66	48
i10-index	410	281



<https://scholar.google.com/citations?user=BbXvIVcAAAAJ&hl=en>

ResearchGate Record



Mehdi Hedayati

Professor (Biochemistry) · Head of Research Center at Research Institute for Endocrine Sciences
Tehran, Iran

Research Interest Score ————— 8,481

Citations ————— 15,738

h-index ————— 57

[Citations over time](#)

Profile Research (1097) **Stats**

Following More ▾

Stats overview

8,481

Research Interest Score

287,786

Reads ⓘ

15,738

Citations

1,627

Recommendations

Research Interest Score

Research Interest Score: **8,481**



Score breakdown

- 74.17% Citations
- 3.753% Recommendations
- 10.97% Full-text reads
- 11.11% Other reads

[View details](#)

Compared to all ResearchGate members



Mehdi's Research Interest Score is higher than 99% of ResearchGate members.

h-index

57

h-index ⓘ

56

h-index (excl. self-citations)

Top cited research

Reliability and relative validity of an FFQ for nutrients in the Tehran Lipid and Glucose Study

<https://www.researchgate.net/profile/Mehdi-Hedayati-2>

Last Ten years Published Papers

1. International Published Papers:

367. Shakiba E, Boroomand S, Kheradmand Kia S, **Hedayati M**. MicroRNAs in thyroid cancer with focus on medullary thyroid carcinoma: potential therapeutic targets and diagnostic/prognostic markers and web-based tools. *Oncol Res.* (2024); <https://doi.org/10.32604/or.2024.049235>.
366. Torkaman G, Hoseini-Sanati M, **Hedayati M**, Mofid M, and Iranparvar Alamdari M. Effects of Photobiomodulation Therapy on the Expression of Hypoxic Inducible Factor, Vascular Endothelial Growth Factor, and Its Specific Receptor: A Randomized Control Trial in Patients with Diabetic Foot Ulcer. *Photobiomodulation, Photomedicine, and Laser Surgery* (2024); <https://doi.org/10.1089/photob.2023.0152>
365. Razavi SA, Khorsand B, Salehipour P, **Hedayati M**. Metabolite signature of human malignant thyroid tissue: A systematic review and meta-analysis. *Cancer Medicine* (2024); <https://doi.org/10.1002/cam4.7184>.
364. Abiri, B., Ahmadi, A.R., Valizadeh,..., **Hedayati, M**.. Obesity and thyroid cancer: unraveling the connection through a systematic review and meta-analysis of cohort studies. *J Diabetes Metab Disord* (2024); <https://doi.org/10.1007/s40200-024-01425-3>
363. Heydarzadeh, S., Moshtaghi, A.A., Daneshpour, M. **Hedayati, M**. Regulation of iodine-glucose flip-flop in SW1736 anaplastic thyroid cancer cell line. *J Endocrinol Invest* (2024); <https://doi.org/10.1007/s40618-024-02377-4>.
362. Torki, S., Nezhadali, M., **Hedayati, M**., Karimi, H., Razavi, S. A., & Najd Hassan Bonab, L. The role of rs2236242 at SERPINA12 gene and vaspin level on papillary thyroid carcinoma. *Nucleosides, Nucleotides & Nucleic Acids*, (2024); <https://doi.org/10.1080/15257770.2024.2354427>.

361. Haghzad, T., Khorsand, B., Razavi, S.A., **Hedayati M.** A computational approach to assessing the prognostic implications of BRAF and RAS mutations in patients with papillary thyroid carcinoma. *Endocrine* (2024); <https://doi.org/10.1007/s12020-024-03911-3>
360. Eskandari, F., **Hedayati, M.**, Tavangar, S.M. et al. From balance to imbalance: disruption of plasma glutathione concentration in micropapillary thyroid carcinoma. *Thyroid Res* (2024); <https://doi.org/10.1186/s13044-024-00204-9>
359. Bakhshi A, Savaee M, Goodarzvand Chegini K, **Hedayati M.** A Simple and Rapid Colorimetric Method for Methanol Determination Using Sodium Nitroprusside. *IJML* (2024); URL: <http://ijml.ssu.ac.ir/article-1-512-en.html>.
358. Asgarian, S., Lanjanian, H., Rahimipour Anaraki, S. , ... , **Hedayati M.**, Azizi F & Daneshpour MS. Examining the clinical and genetic spectrum of maturity-onset diabetes of the young (MODY) in Iran. *Sci Rep* (2024); <https://doi.org/10.1038/s41598-024-70864-y>
357. Amiri Roudbar M, Vahedi SM, Jin J, Jahangiri M, ... , Azizi F, **Hedayati M.**, Daneshpour MS & Akbarzadeh M. The effect of family structure on the still-missing heritability and genomic prediction accuracy of type 2 diabetes. *Human Genomics* (2024); <https://doi.org/10.1186/s40246-024-00669-7>
356. Razavi S.A., Kalari M, Haghzad T, Haddadi F, Nasiri Sh, **Hedayati M.** Exploring the potential of myo-inositol in thyroid disease management: focus on thyroid cancer diagnosis and therapy. *Frontiers in Endocrinology* (2024); <https://doi.org/10.3389/fendo.2024.1418956>
355. **Hedayati M.**, Valizadeh M, Abiri B. Metabolic obesity phenotypes and thyroid cancer risk: A systematic exploration of the evidence. *Obesity Science & Practice* (2024); *Obesity Science & Practice*
354. Ataollahi H, **Hedayati M.**, Zia-Jahromi N, Daneshpour M, Siadat S.D. Investigating the role of the intratumoral microbiome in thyroid cancer development and progression. *Critical Reviews in Oncology/Hematology* (2024); <https://doi.org/10.1016/j.critrevonc.2024.104545>

353. Razavi SA, Mahmanzar M, Nobakht M Gh B.F, Zamani Z, Nasiri S, **Hedayati M**. Plasma metabolites analysis of patients with papillary thyroid cancer: A preliminary untargeted 1H NMR-based metabolomics. *Journal of Pharmaceutical and Biomedical Analysis* (2024); <https://doi.org/10.1016/j.jpba.2023.115946>
352. Neshatbini Tehrani A, Hatami B, Helli B, Yari Z, ..., **Hedayati M**, ..., Hekmatdoost A. The effect of soy isoflavones on non-alcoholic fatty liver disease and the level of fibroblast growth factor-21 and fetuin A. *Scientific Reports* (2024); <https://doi.org/10.1038/s41598-024-55747-6>
351. Alizadeh S, Avandi M, Fico B.G, Mahdiah N, **Hedayati M**, Rambod C, Bakhshandeh H. The comparison of eight-week high-intensity interval training VS. moderate-intensity continuous training on inflammatory and metabolic biomarkers in type II diabetes: a pilot randomized controlled trial. *BMC Sports Science, Medicine and Rehabilitation* (2024); <https://doi.org/10.21203/rs.3.rs-3982189/v1> (Preprint)
350. Habibi D, Teymoori F, Ebrahimi N, ..., Azizi F, **Hedayati M**, ... , Mansourian M. Causal effect of serum 25 hydroxyvitamin D concentration on cardioembolic stroke: Evidence from Two-sample Mendelian randomization. *Nutrition, Metabolism and Cardiovascular Diseases* (2024); <https://doi.org/10.1101/2023.10.11.23296798>
349. Akbarzadeh M, Riahi P, Saeidian A.H, ..., **Hedayati M**, Daneshpour M.S., Azizi F. The Tehran longitudinal family-based cardiometabolic cohort study sheds new light on dyslipidemia transmission patterns. *Scientific Reports* (2024); <https://doi.org/10.1038/s41598-024-53504-3>
348. Asgarian S, Lanjanian H, Rahimpour Anaraki Sh, ..., **Hedayati M**, Azizi F, Daneshpour M.S. From Genes to Diagnosis: Examining the Clinical and Genetic Spectrum of Maturity-Onset Diabetes of the Young (MODY) in TCGS. *Scientific Reports* (2024); <https://doi.org/10.21203/rs.3.rs-3927463/v1> (Preprint)

347. Abooshahab R, Razavi F, Ghorbani F, ..., **Hedayati M**. Thyroid cancer cell metabolism: A glance into cell culture system-based metabolomics approaches. *Experimental Cell Research* (2024); <https://doi.org/10.1016/j.yexcr.2024.113936>
346. Azizi F, Amouzegar A, ..., **Hedayati M**, ..., Takyar M. Risk of recurrence at the time of withdrawal of short-or long-term methimazole therapy in patients with Graves' hyperthyroidism: a randomized trial and a risk-scoring model. *Endocrine* (2024); <https://doi.org/10.1007/s12020-023-03656-5>
345. Chary A, Tohidi M, Hasheminia M, ..., **Hedayati M**, Azizi F, Hadaegh F. Association Between HDL2-C and HDL3-C with Cardiovascular Diseases: A Nested Case-Control Study in an Iranian Population. *International Journal of Endocrinology and Metabolism* (2024); <https://doi.org/10.5812/ijem-141550>
344. Zahedi A.S, Zarkesh M, Sedaghati-khayat B, **Hedayati M**, Azizi F, Daneshpour M.S. Insulin resistance-related circulating predictive markers in the metabolic syndrome: a systematic review in the Iranian population. *J Diabetes Metab Disord* (2023); <https://doi.org/10.1007/s40200-023-01347-6>
343. Azizi F, Delshad H, **Hedayati M**, Mirmiran P. Iodine status in Iran: from deficient to replete. *The Lancet Diabetes & Endocrinology* (2023); [https://doi.org/10.1016/S2213-8587\(23\)00318-2](https://doi.org/10.1016/S2213-8587(23)00318-2)
342. Akbarzadeh M, Pourganji M, Tabashiri A, Fateh ST, **Hedayati M**, Daneshpour MS. Genetically predicted smoking behaviors on Graves' disease: A two-sample mendelian randomization. *Europe PMC* (2023); <https://doi.org/10.1101/2023.10.12.23296814> (Preprint)
341. Akbarzadeh M, Heidari-Faroozan M, Talebi S, ..., **Hedayati M**, Daneshpour M.S. The causal relationship between Graves' disease and type 2 diabetes: Evidence from Bidirectional Mendelian Randomization Study. *Cold Spring Harbor Laboratory Press* (2023); <https://doi.org/10.1101/2023.11.07.23296920> (Preprint)

340. Khalili-Moghadam S, **Hedayati M**, Golzarand M, Mirmiran P. Effects of green coffee aqueous extract supplementation on glycemic indices, lipid profile, CRP, and malondialdehyde in patients with type 2 diabetes: a randomized, double-blind, placebo-controlled trial. *Front Nutr.* (2023); <https://doi.org/10.3389/fnut.2023.1241844>
339. Akbarzadeh M, pourganji M, Tabashiri A, Tehrani Fateh S, Azizi F, **Hedayati M**, Daneshpour M.S. Causal relationship between smoking behaviors on Graves disease: A two-sample mendelian randomization. Cold Spring Harbor Laboratory Press (2023); <https://doi.org/10.1101/2023.10.12.23296814> (Preprint)
338. Shirazkeytabar Kh, Razavi S.A., Abooshahab R, Salehipour P, Akbarzadeh M, Soroush A, **Hedayati M**, Nasiri Sh. Elevated Plasma Levels of MT4-MMP and MT6-MMP; A New Observation in Patients with Thyroid Nodules. *Arch Iran Med.* June 2023; 26, Pages:338-345, <https://doi.org/10.34172/aim.2023.51>.
337. Najd-Hassan-Bonab L, **Hedayati M**, Shahzadeh Fazeli S.A., Daneshpour M.S. An optimized method for PCR-based genotyping to detect human APOE polymorphisms. *Heliyon* (2023); e21102, <https://doi.org/10.1016/j.heliyon.2023.e21102>
336. Shafiee-Tabar Z, Saghebjo M, **Hedayati M**. The effect of aerobic training and hydroalcoholic extract of dill on skeletal muscle inflammation in a high-fat diet-induced obesity rat model. *Comparative Exercise Physiology* (2023); <https://doi.org/10.3920/CEP210029>
335. Akbarzadeh M, Tehrani Fateh S, Moeinafshar A, Habibi D, ..., **Hedayati M**, Daneshpour MS. Genetically predicted 25-Hydroxyvitamin D levels on Hypothyroidism: A two-sample Mendelian Randomization. Cold Spring Harbor Laboratory Press (2023); <https://doi.org/10.1101/2023.08.30.23294811> (Preprint)
334. Habibi D, Akbarzadeh M, Teymoori F, Tehrani Fateh S, Masjoudi S, ..., **Hedayati M**, Daneshpour M.S, Mansourian M. Causality of Genetically Determined Monounsaturated Fatty Acids on Risk of Cardiovascular Disease: A Mendelian Randomization Study. *Cold*

Spring Harbor Laboratory Press (2023); <https://doi.org/10.1101/2023.09.06.23295142>
(Preprint)

- 333: Rezaie F, AmirMohammadi L, Karimi H, **Hedayati M.** Association of ADIPOQ gene variants with adiponectin levels, insulin resistance and non-alcoholic fatty liver disease, in an Iranian population. *Molecular Biology Reports* (2023); <https://doi.org/10.21203/rs.3.rs-3138728/v1> (Preprint).
- 332: Chary A, Tohidi M, **Hedayati M.** Association of LDL-cholesterol subfractions with cardiovascular disorders: A systematic review. *BMC Cardiovascular Disorders* (2023); <https://doi.org/10.21203/rs.3.rs-3105862/v1>
- 331: Rezaei Ahvanooei MR, Norouzian MA, **Hedayati M,** Ghaffari MH. Comprehensive review of resveratrol as a feed additive in dairy cows: exploring its potential diverse effects and implications. *Veterinary Research Communications* (2023); 47, pages 1115–1124, <https://doi.org/10.1007/s11259-023-10157-3>
- 330: Zahedi A.S, Daneshpour M.S, Akbarzadeh M, **Hedayati M,** Azizi F, Zarkesh M. Association of baseline and changes in adiponectin, homocysteine, high-sensitivity C-reactive protein, interleukin-6, and interleukin-10 levels and metabolic syndrome incidence: Tehran lipid and glucose study. *Heliyon* (2023); e19911, <https://doi.org/10.1016/j.heliyon.2023.e19911>
- 329: Heydarzadeh Sh, Moshtaghi A.A, Daneshpour M, **Hedayati M.** The effect of Apigenin on glycometabolism and cell death in an anaplastic thyroid cancer cell line. *Toxicology and Applied Pharmacology* (2023); Volume 475, Page 116626, <https://doi.org/10.1016/j.taap.2023.116626>
- 328: Daneshpour M.S, Akbarzadeh M, Lanjanian H,, **Hedayati M** & Azizi F. Cohort profile update: Tehran cardiometabolic genetic study. *Eur J Epidemiol* (2023); 38, pages 699–711, <https://doi.org/10.1007/s10654-023-01008-1>

327. Hasanian-Langroudi F, Ghasemi A, **Hedayati M**, Siadat S.D, Tohidi M. Novel Insight into the Effect of Probiotics in the Regulation of the Most Important Pathways Involved in the Pathogenesis of Type 2 Diabetes Mellitus. *Probiotics & Antimicro. Prot.* (2023). <https://doi.org/10.1007/s12602-023-10056-8>
326. Heydarzadeh Sh, **Hedayati M**. RET Proto-Oncogene Mutations: Impact on Diagnosis, Treatment and Prognosis of MTC. *Intechopen* (2023); Book Chapter. <https://doi.org/10.5772/intechopen.108941>
325. Binayi S, Fahanik-Babaei J, Salimi M, Eskandari F, ..., **Hedayati M**, Khodagholi S, Eliassi A, Zardooz H. Endoplasmic reticulum stress inhibition ameliorated WFS1 expression alterations and reduced pancreatic islets' insulin secretion induced by high-fat diet in rats. *Scientific Reports* .(2023) volume 13, Article number: 1860. <https://doi.org/10.1038/s41598-023-28329-1>
324. Zarkesh M, Safarian M, Asghari G, Daneshafrooz A, Yuzbashian E, **Hedayati M**, Mirmiran P, Khalaj A. Is Habitual Dietary Intake of Fats Associated with Apelin Gene Expression in Visceral and Subcutaneous Adipose Tissues and Its Serum Levels in Obese Adults? *Public Health Genomics* (2023);26:16–23. <https://doi.org/10.1159/000526961>
323. Eskandari F, Salimi M, Binayi F, Abdollahifar MA, Eftekhary M, **Hedayati M**, Ghanbarian H., Zardooz H. Investigating the Effects of Maternal Separation on Hypothalamic-PituitaryAdrenal Axis and Glucose Homeostasis under Chronic Social Defeat Stress in Young Adult Male Rat Offspring. *Neuroendocrinology* (2023); 113:361–379. <https://doi.org/10.1159/000526989>
- 322: Masoudi M, Saghebjo M, Kazemi T, **Hedayati M**. The Effect of a Gym-and Home-based Training on Plasma TXNIP Level, Insulin Sensitivity, and Lipid Profile in Hypertensive Men: A Randomized Controlled Trial. *Middle East Journal of Rehabilitation and Health Studies* (2022); 9: e129041, <https://doi.org/10.5812/mejrh-129041>.

- 321: Heydarzadeh Sh, Kheradmand Kia S, Boroomand S, **Hedayati M**. Recent Developments in Cell Line Shipping Methods: Pivotal Gaps in Cellular Death Sciences (2022), 119:2985–3006, <https://onlinelibrary.wiley.com/doi/10.1002/bit.28197>
320. Moazzam-Jazi M, Najd-Hassan-Bonab L, Masjoudi S, Tohidi M, **Hedayati M**, Azizi F, Daneshpour MS. Risk of type 2 diabetes and KCNJ11 gene polymorphisms: a nested case–control study and meta-analysis. *Scientific Reports*. (2022) volume 12, Article number: 20709. <https://doi.org/10.1038/s41598-022-24931-x>
319. Daneshpour MS, Akbarzadeh M, Lanjanian H, ..., **Hedayati M**, Azizi F. Cohort profile update: Tehran Cardiometabolic Genetic Study, a path toward precision medicine. *European Journal of Epidemiology*. November 29th, 2022. DOI: <https://doi.org/10.21203/rs.3.rs-2293709/v1>
318. Izadi MS, Eskandari F, Binayi F, Salimi M, Rashidi FS, **Hedayati M**, et al. Oxidative and endoplasmic reticulum stress develop adverse metabolic effects due to the high-fat high-fructose diet consumption from birth to young adulthood. *Life Sciences* .15 November 2022, . Volume 309. 120924
317. Heydarzadeh SH, Kheradmand Kia S, Boroomand S, **Hedayati M**. Recent developments in cell shipping methods. *Biotechnology and Bioengineering* .27 July 2022. 119 (11). P: 2985-3006. <https://doi.org/10.1002/bit.28197>
316. Masoudi M, Saghebjo M, Kazemi T, **Hedayati M**. The Effect of a Gym- and Home-based Training on Plasma TXNIP Level, Insulin Sensitivity, and Lipid Profile in Hypertensive Men: A Randomized Controlled Trial. *Middle East J Rehabil Health Stud*. 2022;9(4):e129041. doi: 10.5812/mejrh-129041.
315. Niknam A, Ramezani Tehrani F, Behboudi-Gandevani S, Rahmati M, **Hedayati M**, et al. Umbilical cord blood concentration of connecting peptide (C-peptide) and pregnancy outcomes. *BMC Pregnancy and Childbirth*. (2022); 22, Article number: 764. <https://doi.org/10.1186/s12884-022-05081-4>

314. Zarkesh M, Arab N, Abooshahab R, Heydarzadeh SH, Sheikholeslami S, Nozhat Z, Salehi Jahromi M, Fanaei SA, **Hedayati M**. CpG island status as an epigenetic alteration for NIS promoter in thyroid neoplasms; a cross-sectional study with a systematic review. *Cancer Cell International*. (2022) volume 22, Article number: 310. <https://doi.org/10.1186/s12935-022-02720-w>
313. Yuzbashian E, C de Campos Zani S, Zarkash M, Asghari G, **Hedayati M**, Khalaj A, B Chan C. Elevated miR-143 and miR-34a gene expression in human visceral adipose tissue are associated with insulin resistance in non-diabetic adults: a cross-sectional study. *Eating and Weight Disorders - Studies on Anorexia, Bulimia and Obesity*. (2022) volume 27, pages 3419–3428 <https://doi.org/10.1007/s40519-022-01476-6>
312. Zarkesh M, Arab N, Heydarzadeh SH, Nozhat Z, Abooshahab R, Salehi Jahromi M, Fanaei SA, **Hedayati M**. TIMP3 Gene Upstream CpG Island Methylation is Associated with BRAF V600E Mutation in Thyroid Neoplasms. September 27th, 2022. DOI: <https://doi.org/10.21203/rs.3.rs-2028260/v1>
311. Salimi M, Eskandari F, Khodagholi F, Abdollahifar MA, **Hedayati M**, Zardooz H, Keyhanmanesh R. Correction: Perinatal stress exposure induced oxidative stress, metabolism disorder, and reduced GLUT-2 in adult offspring of rats. *Hormones*. (2022). volume 21, pages 751–757. <https://doi.org/10.1007/s42000-022-00383-w>
310. Ebrahimof S, Angoorani P, Shab-Bidar S, Abedidni S, Jahangir F, and **Hedayati M**. The interactive effect of vitamin D3 supplementation and vitamin D receptor polymorphisms on weight and body composition in overweight women with hypovitaminosis D: a randomized, double-blind, placebo-controlled clinical trial. *Canadian Journal of Physiology and Pharmacology*. August 2022. <https://doi.org/10.1139/cjpp-2022-0192>
309. Karimzadeh L, Sohrab G, **Hedayati M**, Ebrahimof S, Emami G, Razavion T. Effects of concentrated beetroot juice consumption on glycemic control, blood pressure, and lipid profile in type 2 diabetes patients: randomized clinical trial study. *Irish Journal of Medical Science* (1971 -). **192**, pages 1143–1153; <https://doi.org/10.1007/s11845-022-03090-y>

308. Salimi M, Eskandari F, Binayi F, Eliassi A, Ghanbarian H, **Hedayati M**, et al. Maternal stress induced endoplasmic reticulum stress and impaired pancreatic islets' insulin secretion via glucocorticoid receptor upregulation in adult male rat offspring. *Scientific Reports*. (2022) 12:12552 | <https://doi.org/10.1038/s41598-022-16621-5>
307. Heydarzadeh SH, Moshtaghi AA, Daneshpour MS, **Hedayati M**. Correction to: Regulators of glucose uptake in thyroid cancer cell lines. *Cell Communication and Signaling* (2022) 20:11. <https://doi.org/10.1186/s12964-022-00826-2>
306. Abooshahab R, Ardalani H, Zarkesh M, Hooshmand K, Bakhshi A, Dass CD, **Hedayati M**. Metabolomics—A Tool to Find Metabolism of Endocrine Cancer. *Metabolites* 2022, 12, 1154. <https://doi.org/10.3390/metabo12111154>
305. Zarkesh M, Nozhat Z, Akbarzadeh M, Daneshpour MS, Mahmoodi B, Asghari G, **Hedayati M**, et al. Physical Activity and Exercise Promote Peroxisome Proliferator-Activated Receptor Gamma Expression in Adipose Tissues of Obese Adults. *Iran J Public Health*, Nov 2022, Vol. 51, No.11, pp.2619-2628. DOI:10.18502/ijph.v51i11.11181
304. Eskandari F, Zardooz H, Khodagholi F, **Hedayati M**. Maternal separation aggravated pancreatic oxidative and inflammatory damage in chronic socially defeated adult male rats. *Diabetes Research and Clinical Practice* 185S (2022) 109602.
303. Ghazanfari Jajin M, Abooshahab R, Moradi A, Siadat SD, Mirzazadeh R, Goodarzvand Chegini K, **Hedayati M**. Gas chromatography-mass spectrometry-based untargeted metabolomics reveals metabolic perturbations in medullary thyroid carcinoma. *Sci Rep*. 2022 May 19;12(1):8397.
302. Farhadnejad H, Asghari G, **Hedayati M**, Sahranavard SH, Teymoori F, Azizi F. Effect of *Ziziphus jujube* on cardiometabolic factors and systemic inflammation in type 2 diabetic patients: A randomized controlled trial. *Clin Nutr ESPEN*. 2022 Jun; 49:53-60.

301. Nazeri P, Akbarzadeh M, Pearce EN, **Hedayati M**, Dalili H. Iodine Status of Preterm Infants Born in an Area of Iodine Sufficiency: Are They at Risk of Iodine Deficiency? *Endocr Pract*. 2022 Jun 6; S1530-891X (22)00520-1.
300. Zolfaghari M, Faramarzi M, **Hedayati M**, Ghaffari M. The effect of resistance and endurance training with ursolic acid on atrophy-related biomarkers in muscle tissue of diabetic male rats induced by streptozotocin and a high-fat diet. *J Food Biochem*, 2022 May 20; e14202
299. Hosseinpour-Niazi S, Mirmiran P, Hadaegh F, Daneshpour MS, **Hedayati M**, Azizi F. The effect of TCF7L2 polymorphisms on inflammatory markers after 16 weeks of legume-based dietary approach to stop hypertension (DASH) diet versus a standard DASH diet: a randomised controlled trial. *Nutr Metab (Lond)*. 2022 May 18;19(1):35.
298. Zarif-Yeganeh M, D Farhud D, Rahimpour A, Sheikholeslami S, Shivaie S, **Hedayati M**. CRISPR/Cas9 RET Gene Knockout in Medullary Thyroid Carcinoma Cell-lines: Optimization and Validation, *Iran J Public Health*, Vol. 51, No.5, May 2022, pp.1084-1096
297. Heydarzadeh SH, Kheradmand Kia S, Zarkesh M, Pakizehkar S, Hosseinzadeh S, **Hedayati M**. The Cross-Talk between Polyphenols and the Target Enzymes Related to Oxidative Stress-Induced Thyroid Cancer, *Oxidative Medicine and Cellular Longevity*, Volume 2022, Article ID 2724324, 20 pages
296. Chary A, **Hedayati M**. Review of Laboratory Methods to Determine HDL and LDL Subclasses and Their Clinical Importance. *Rev. Cardiovasc. Med*. 2022; 23(4): 147
295. Aliakbari M, Saghebjo M, Sarir H, **Hedayati M**. Hydroalcoholic extract of dill and aerobic training prevents high-fat diet-induced metabolic risk factors by improving miR-33 and miR-223 expression in rat liver. *J Food Biochem*. 2022;00: e14195
294. Nezhadali M, Mesbah-Namin S.S, **Hedayati M**, Akbarzadeh M, Najd Hassan Bonab L, Daneshpour MS. Serum adiponectin and cortisol levels are not affected by studied ADIPOQ gene variants: Tehran lipid and glucose study, *BMC Endocr Disord*. 2022 Apr 18;22(1):104.

293. Saffari I, Saghebjo M, **Hedayati M**, Sarir H, Dimauro I. Short and Long-Term Interval Effects of High-Intensity Interval Training on Pathways Related to Telomere Homeostasis in Rat Skeletal Muscle, *Middle East J Rehabil Health Stud.* In Press (In Press): e121818
292. Abbasalipourkabar R, **Hedayati M**, Sheikh N, Ebadi SA. Comparison of Neuron-specific Enolase (NSE) Serum Level in Patients with Medullary Thyroid Carcinoma and Healthy individuals: Case-Control Study, *Novelty in Clinical Medicine* 1 (1), 26-31, Doi: 10.22034/ncm.2022.140284.
291. Heydarzadeh SH, Moshtaghi AA, Daneshpoor M, **Hedayati M**. Molecular Mechanisms of Glucose Uptake Regulation in Thyroid Cancer, *IntechOpen*, 2022, DOI: 10.5772/intechopen.101937.
290. Karimzadeh L, Behrouz V, Sohrab G, **Hedayati M**, Emami G. A Randomized Clinical Trial of Beetroot Juice Consumption on Inflammatory Markers and Oxidative Stress in Patients with Type 2 Diabetes, *Research Square*, 2022, DOI: 10.21203/rs.3.rs-1162429/v1.
289. Bateni Z, Behrouz V, Rahimi HR, **Hedayati M**, Afsharian SH, Sohrab G. Effects of nano-curcumin supplementation on oxidative stress, systemic inflammation, adiponectin, and NF- κ B in patients with metabolic syndrome: A randomized, double-blind clinical trial, *Journal of Herbal Medicine*, 2022, 31, P. 100531, Doi: 10.1016/j.hermed.2021.100531
288. Sheikkholeslami S, Azizi F, Ghasemi A, Alibakhshi A, Parsa H, Shivaee S, Zarif-Yeganeh M, **Hedayati M**, Teimoori-Toolabi L. The Epigenetic Modification of SLC5A8 in Papillary Thyroid Carcinoma and Its Effects on Clinic-Pathological Features, *Iran J Public Health*, Vol. 51, No.3, Mar2022, pp.634-642, Doi: 10.18502/ijph. v51i3.8940
287. Parvanehvar S, Tehranian N, Kazemnejad A, Mozdarani H, **Hedayati M**. Maternal serum adiponectin and leptin levels and their gene expression, postpartum body mass index, and breastfeeding duration based on mode of delivery: A prospective study, *J Obstet Gynaecol Res.* 2022 Apr 5. Doi: 10.1111/jog.15251. Online ahead of print.

286. Eskandari F, Salimi M, **Hedayati M**, Zardooz H. Maternal separation induced resilience to depression and spatial memory deficit despite intensifying hippocampal inflammatory responses to chronic social defeat stress in young adult male rats. *Behav Brain Res.* 2022 May 3; 425:113810. DOI: 10.1016/j.bbr.2022.113810. Epub 2022 Feb 19.
285. Eskandari F, Zardooz H, **Hedayati M**. The Influence of Maternal Separation on Depressive Symptoms and Energy Homeostasis in Young Adult Male Rat Offspring Subjected to Chronic Social Defeat Stress, *NEUROENDOCRINOLOGY*, 2021, 111 (SUPPL 1), 41-42
284. Dehghan MH, Ashrafi MR, **Hedayati M**, Shivaee S, Rajabi S. Oral Contraceptive Steroids Promote Papillary Thyroid Cancer Metastasis by Targeting Angiogenesis and Epithelial-Mesenchymal Transition, *Int J Mol Cell Med*, Summer 2021;10(3):219-226. Doi: 10.22088/IJMCM.BUMS.10.3.218. Epub 2022 Jan 10.
283. Nazem MR, Bastanhigh E, Emami A, **Hedayati M**, Samimi S, Karami M. The relationship between thyroid function tests and sleep quality: a cross-sectional study, *Sleep Sci*, Jul-Sep 2021;14(3):196-200, DOI: 10.5935/1984-0063.20200050.
282. Behboudi-Gandevani, S., **Hedayati M**, Mansournia, M.A., ...Rahmati, M., Tehrani, F.R., The associations between serum concentrations of irisin and glucose-dependent insulinotropic polypeptide with body mass index among women with and without polycystic ovary syndrome, *International Journal of Endocrinology and Metabolism*, 2021, 19(4), e111914, DOI: 10.5812/IJEM.111914
281. Daneshafrooz A, Yuzbashian E, Zarkesh M, Asghari G, **Hedayati M**, Abooshahab R, Fanaei S.M., Khalaj A., The relation of omentin gene expression and glucose homeostasis of visceral and subcutaneous adipose tissues in non-diabetic adults, *Mol Biol Rep.* 2021 Nov 5. doi: 10.1007/s11033-021-06854-4.
280. Yuzbashian E, Asghari G, Beheshti N, **Hedayati M**, Zarkesh M, Mirmiran P, Daneshafrooz A, Khalaj A., Plasma Fatty Acid Composition Was Associated with Apelin Gene Expression

- in Human Adipose Tissues, *Biomed Res Int* 2021 Oct 6;2021:8846483. doi: 10.1155/2021/8846483.
278. Zarkesh, M., Arab, N., Tavangar, S.M., ...Fanaei, S.M., **Hedayati M.**, Utilizing the circulating tumor markers in diagnosis and management of medullary thyroid cancer, *Pathology Research and Practicethis link is disabled*, 2022, 229, 153694. Doi: 10.1016/j.prp.2021.153694
277. Ahmadabadi F, Saghebjo M, **Hedayati M**, Hoshyar R, Huang CJ., Treatment-induced tumor cell apoptosis following high-intensity interval training and saffron aqueous extract in mice with breast cancer. *Physiol Int*. 2021 Apr 14. doi: 10.1556/2060.2021.00009
276. Dehghani M, Davoodi Z, Bidari F, Moghaddam AM, Khalili D, Bahrami-Motlagh H, Jamali E, Alamdari S, Hosseinpanah F, **Hedayati M**, Valizadeh M., Association of different pathologic subtypes of growth hormone producing pituitary adenoma and remission in acromegaly patients: a retrospective cohort study. *BMC Endocr Disord*. 2021 Sep 16;21(1):186. doi: 10.1186/s12902-021-00850-2.
275. Abooshahab R, Hooshmand K, Razavi F, Dass CR, **Hedayati M.**, A glance at the actual role of glutamine metabolism in thyroid tumorigenesis. *EXCLI J*. 2021 Jul 12; 20:1170-1183. doi: 10.17179/excli2021-3826. eCollection 2021.
274. Velayati, A., Kareem, I., Sedaghat, M., ...**Hedayati, M.**, Abhari, K., Hejazi, E., Does symbiotic supplementation which contains *Bacillus Coagulans* *Lactobacillus rhamnosus*, *Lactobacillus acidophilus* and fructooligosaccharide has favourite effects in patients with type-2 diabetes? A randomised, double-blind, placebo-controlled trial, *Archives of Physiology and Biochemistry*, 2021
273. Islami, F., Saghebjo M., Kazemi, T., **Hedayati, M.**, Gym and home-based combined training in men with primary hypertension: are they equally effective on functional fitness profile, body composition components, and biochemical parameters of hypertension? *Clinical and Experimental Hypertension*, 2021

272. Eskandari, F., Salimi, M., Khodaghali, F., **Hedayati, M.**, Zardoos, H., Investigation of the effects of maternal separation on the pancreatic oxidative and inflammatory damages along with metabolic impairment in response to chronic social defeat stress in young adult male rats. *Journal of Diabetes and Metabolic Disorders*, 2021
271. Moazzam-Jazi, M., Lanjanian, H., Maleknia, S., **Hedayati, M.**, Daneshpour, M.S. Interplay between SARS-CoV-2 and human long non-coding RNAs. *Journal of Cellular and Molecular Medicine*, 2021, 25(12), pp. 5823–5827
270. Dehghan, M.H., **Hedayati, M.**, Shivaee, S., Shakib, H., Rajabi, S. Tamoxifen triggers apoptosis of papillary thyroid cancer cells by two different mechanisms. *Gene Reports*, 2021, 24, 101266
269. Razavi, S.A., Salehipour, P., Gholami, H., ...Modarressi, M.H., **Hedayati, M.** New evidence on tumor suppressor activity of PTEN and KLLN in papillary thyroid carcinoma. *Pathology Research and Practice*, 2021, 225, 153586
268. Delshad, H., Raeisi, A., Abdollahi, Z. Tihidi M, **Hedayati M.** ...Nobakht, F., Azizi, F., Iodine supplementation for pregnant women: a cross-sectional national interventional study, *Journal of Endocrinological Investigation*, 2021, 44(10), pp. 2307–2314
267. Salehpour A, **Hedayati M.** Shidfar F, Tehrani AN, Farshad AA, Mohammadi S. Correction to: 1,25-Dihydroxyvitamin D3 modulates adipogenesis of human adipose-derived mesenchymal stem cells dose-dependently. *Nutr Metab (Lond)*. 2021 Apr 15;18(1):42. doi: 10.1186/s12986-021-00568-x.
266. Rahmani Samani, M., Zarif-Yeganeh, M., Mehrabi, A., ...Sheikholeslami, S., **Hedayati, M.** Expression of mir-127, mir-154, and mir-183 in medullary thyroid carcinoma tumors. *Iranian Journal of Public Health*, 2021, 50(2), pp. 391–396
265. Salehpour A, **Hedayati M.** Shidfar F, Neshatbini Tehrani A, Farshad AA, Mohammadi S. 1,25-Dihydroxyvitamin D3 modulates adipogenesis of human adipose-derived mesenchymal

- stem cells dose-dependently. *Nutr Metab (Lond)*. 2021 Mar 12;18(1):29. doi: 10.1186/s12986-021-00561-4.
264. Bateni Z, Rahimi HR, **Hedayati M**, Afsharian S, Goudarzi R, Sohrab G. The effects of nano-curcumin supplementation on glycemic control, blood pressure, lipid profile, and insulin resistance in patients with the metabolic syndrome: A randomized, double-blind clinical trial. *Phytother Res*. 2021 Apr 13. doi: 10.1002/ptr.7109.
263. Hosseini M, Nezhadali M, **Hedayati M**. Association of vaspin rs2236242 gene polymorphism with serum vaspin level, insulin resistance and diabetes in an Iranian diabetic/pre-diabetic population. *J Med Biochem*. 2021 Jan 26;40(1):33-40. doi: 10.5937/jomb0-24671.
262. Daneshpour MS, Zarkesh M, Masjoudi S, Azizi F, **Hedayati M**. Chromosomal regions strongly associated with waist circumference and body mass index in metabolic syndrome in a family-based study. *Sci Rep*. 2021 Mar 16;11(1):6082. doi: 10.1038/s41598-021-85741-1.
261. Behrouz V, Sohrab G, **Hedayati M**, Sedaghat M. Inflammatory markers response to crocin supplementation in patients with type 2 diabetes mellitus: A randomized controlled trial. *Phytother Res*. 2021 Apr 15. doi: 10.1002/ptr.7124.
260. Movahedian M, Tabibi H, Atabak S, **Hedayati M**, Rahmani L, Yari Z. Effects of Soy Isoflavones on Glycemic Parameters and Blood Pressure in Peritoneal Dialysis Patients: A Randomized, Double Blind, Placebo-Controlled Trial. *Iran J Kidney Dis*. 2021 Mar;1(2):134-142. PMID: 33764324
259. Salehpour A, Shidfar F, **Hedayati M**, Farshad AA, Tehrani AN, Mohammadi S. Molecular mechanisms of vitamin D plus Bisphenol A effects on adipogenesis in human adipose-derived mesenchymal stem cells. *Diabetol Metab Syndr*. 2021 Apr 9;13(1):41. doi: 10.1186/s13098-021-00661-4.
258. Binayi F, Zardooz H, Ghasemi R, **Hedayati M**, Askari S, Pouriran R, Sahraei M. The chemical chaperon 4-phenyl butyric acid restored high-fat diet- induced hippocampal insulin

- content and insulin receptor level reduction along with spatial learning and memory deficits in male rats. *Physiol Behav.* 2021 Mar 15; 231:113312. doi: 10.1016/j.physbeh.2021.113312.
257. Nazeri P, Tahmasebinejad Z, **Hedayati M**, Mirmiran P, Azizi F. Is breast milk iodine concentration an influential factor in growth- and obesity-related hormones and infants' growth parameters? *Matern Child Nutr.* 2021 Jan;17(1):e13078. doi: 10.1111/mcn.13078.
256. Nozhat Z, Zarkesh M, Baldini E, Mohammadi-Yeganeh S, Azizi F, **Hedayati M**. Antineoplastic Activity of an Old Natural Antidiabetic Biguanoid on the Human Thyroid Carcinoma Cell Line. *Anticancer Agents Med Chem.* 2021 Jan 17. doi: 10.2174/1871520621666210118093532.
255. Lanjanian H, Moazzam-Jazi M, **Hedayati M**, Akbarzadeh M, Guity K, Sedaghati-Khayat B, Azizi F, Daneshpour MS. SARS-CoV-2 infection susceptibility influenced by ACE2 genetic polymorphisms: insights from Tehran Cardio-Metabolic Genetic Study. *Sci Rep.* 2021 Jan 15;11(1):1529. doi: 10.1038/s41598-020-80325-x.
254. Zareie R, Yuzbashian E, Rahimi H, Asghari G, Zarkesh M, **Hedayati M**, Djazayeri A, Movahedi A, Mirmiran P, Khalaj A. Dietary fat content and adipose triglyceride lipase and hormone-sensitive lipase gene expressions in adults' subcutaneous and visceral fat tissues. *Prostaglandins Leukot Essent Fatty Acids.* 2021 Jan 8; 165:102244. doi: 10.1016/j.plefa.2021.102244.
253. Azad M, Khaledi N, **Hedayati M**, Karbalaie M. Apoptotic response to acute and chronic exercises in rat skeletal muscle: Eccentric & sprint interval. *Life Sci.* 2021 Jan 5;270:119002. doi: 10.1016/j.lfs.2020.119002
252. Rezaee, S., Kahrizi, S., Nabavi, S.M., **Hedayati, M.** Vegf and tnf- α responses to acute and chronic aerobic exercise in the patients with multiple sclerosis. *Asian Journal of Sports Medicine*, 2020, 11(3), pp. 1–6, e98312
251. Sheikholeslami, S., Azizi, F., Ghasemi, A., ...**Hedayati, M.**, Teimoori-Toolabi, L. NOL4 is Downregulated and Hyper-Methylated in Papillary Thyroid Carcinoma Suggesting Its Role as

a Tumor Suppressor Gene. *International Journal of Endocrinology and Metabolism*, 2020, 18(4), e108510

250. Yari Z, Naser-Nakhaee Z, Karimi-Shahrbabak E, Cheraghpour M, **Hedayati M**, Mohaghegh SM, Ommi S, Hekmatdoost A. Combination therapy of flaxseed and hesperidin enhances the effectiveness of lifestyle modification in cardiovascular risk control in prediabetes: a randomized controlled trial. *Diabetol Metab Syndr*. 2021 Jan 6;13(1):3. doi: 10.1186/s13098-020-00619-y.
249. Nozhat Z, Khalaji MS, **Hedayati M**, Kia SK. Different Methods for Cell Viability and Proliferation Assay: Essential Tools in Pharmaceutical Studies. *Anticancer Agents Med Chem*. 2020 Dec 30. doi: 10.2174/1871520621999201230202614.
248. **Hedayati M**, Razavi SA, Boroomand S, Kheradmand Kia S. The impact of pre-analytical variations on biochemical analytes stability: A systematic review. *J Clin Lab Anal*. 2020 Dec;34(12):e23551. doi: 10.1002/jcla.23551.
247. Yuzbashian E, Asghari G, Chan CB, **Hedayati M**, Safarian M, Zarkesh M, Mirmiran P, Khalaj A. The association of dietary and plasma fatty acid composition with FTO gene expression in human visceral and subcutaneous adipose tissues. *Eur J Nutr*. 2020 Nov 6. doi: 10.1007/s00394-020-02422-x
246. **Hedayati M**, Abooshahab R, Razavi SA, Salehipour P, Ahmadikia K, Boroomand S. Low level of plasma fibulin-1 in patients with thyroid lesions: a case-control study and literature review. *Mol Biol Rep*. 2020 Nov;47(11):8859-8866. doi: 10.1007/s11033-020-05938-x.
245. Nosrati-Oskouie M, Yuzbashian E, Zarkesh M, Aghili-Moghadam NS, **Hedayati M**, Safarian M, Asghari G, Khalaj A, Mirmiran P. Association of plasma fatty acids pattern with omentin gene expression in human adipose tissues: A cross-sectional study. *Nutr Metab Cardiovasc Dis*. 2020 Nov 27:S0939-4753(20)30496-8. doi: 10.1016/j.numecd.2020.11.019.
244. Arak H, Karimi Torshizi MA, **Hedayati M**, Rahimi S. The efficiency of synthetic polymers to ameliorate the adverse effects of Aflatoxin on plasma biochemistry, immune responses, and

- hepatic genes expression in ducklings. *Toxicon*. 2020 Nov;187:136-143. doi: 10.1016/j.toxicon.2020.08.033.
243. Yari, Z., Tabibi, H., Najafi, I., **Hedayati, M.**, Movahedian, M. Effects of soy isoflavones on serum lipids and lipoprotein (a) in peritoneal dialysis patients. *Nutrition, Metabolism and Cardiovascular Diseases*, 2020, 30(8), pp. 1382–1388.
242. Abhari K, Saadati S, Yari Z, Hosseini H, **Hedayati M.** Abhari S, Alavian SM, Hekmatdoost A. The effects of *Bacillus coagulans* supplementation in patients with non-alcoholic fatty liver disease: A randomized, placebo-controlled, clinical trial. *Clin Nutr ESPEN*. 2020 Oct; 39:53-60. doi: 10.1016/j.clnesp.2020.06.020.
241. Binayi F, Moslemi M, Khodaghali F, **Hedayati M.** Zardoost H. Long-term high-fat diet disrupts lipid metabolism and causes inflammation in adult male rats: possible intervention of endoplasmic reticulum stress. *Arch Physiol Biochem*. 2020 Sep 10:1-9. doi: 10.1080/13813455.2020.1808997.
240. Goudarzi R, Sedaghat M, **Hedayati M.** Hekmatdoost A, Sohrab G. Low advanced Glycation end product diet improves the central obesity, insulin resistance and inflammatory profiles in Iranian patients with metabolic syndrome: a randomized clinical trial. *J Diabetes Metab Disord*. 2020 Aug 26;19(2):1129-1138. doi: 10.1007/s40200-020-00614-0.
239. Behrouz V, Dastkhosh A, **Hedayati M.** Sedaghat M, Sharafkhan M, Sohrab G. The effect of crocin supplementation on glycemic control, insulin resistance and active AMPK levels in patients with type 2 diabetes: a pilot study. *Diabetol Metab Syndr*. 2020 Jul 9;12:59. doi: 10.1186/s13098-020-00568-6.
238. Amiri M, Rahmati M, **Hedayati M.** Nahidi F, Ramezani Tehrani F. Effects of oral contraceptives on serum concentrations of adipokines and adiposity indices of women with polycystic ovary syndrome: a randomized controlled trial. *J Endocrinol Invest*. 2021 Mar;44(3):567-580. doi: 10.1007/s40618-020-01349-8.

237. Rezaei Ahvanooei MR, Norouzian MA, **Hedayati M**, Vahmani P. Effect of potassium iodide supplementation and teat-dipping on iodine status in dairy cows and milk iodine levels. *Domest Anim Endocrinol*. 2021 Jan; 74:106504. doi: 10.1016/j.domaniend.2020.106504.
236. Yari Z, Cheraghpour M, Alavian SM, **Hedayati M**, Eini-Zinab H, Hekmatdoost A. The efficacy of flaxseed and hesperidin on non-alcoholic fatty liver disease: an open-labeled randomized controlled trial. *Eur J Clin Nutr*. 2021 Jan;75(1):99-111. doi: 10.1038/s41430-020-0679-3.
235. Raziye Abooshahab¹, Kourosh Hooshmand², S. Adeleh Razavi^{1,3}, Morteza Gholami⁴, Maryam Sanoie¹ and **Mehdi Hedayati**. Plasma Metabolic Profiling of Human Thyroid Nodules by Gas Chromatography-Mass Spectrometry (GC-MS)-Based Untargeted Metabolomics. *Front. Cell Dev. Biol.*, 16 June 2020 | <https://doi.org/10.3389/fcell.2020.00385>
234. Heydarzadeh S, Moshtaghi AA, Daneshpoor M, **Hedayati M**. Regulators of glucose uptake in thyroid cancer cell lines. *Cell Commun Signal*. 2020 Jun 3; 18(1):83. Doi: 10.1186/s12964-020-00586-x.
233. Yari Z, Tabibi H, Najafi I, **Hedayati M**, Movahedian M. Effects of isoflavones on bone turnover markers in peritoneal dialysis patients: a randomized controlled trial. *Int Urol Nephrol*. 2020 Jun 1. doi: 10.1007/s11255-020-02523-w.
232. Rajabi S, Shakib H, Dastmalchi R, Danesh-Afroz A, Karima S, **Hedayati M**. Metastatic propagation of thyroid cancer; organ tropism and major modulators. *Future Oncol*. 2020 May 18. doi: 10.2217/fon-2019-0780.
231. Yari Z, Tabibi H, Najafi I, **Hedayati M**, Movahedian M. Effects of soy isoflavones on serum systemic and vascular inflammation markers and oxidative stress in peritoneal dialysis patients: A randomized controlled trial. *Phytother Res*. 2020 May 17. doi: 10.1002/ptr.6729.
230. Nasiri M, Ahmadizad S, **Hedayati M**, Zarekar T, Seydyousefi M, Faghfoori Z. Trans-resveratrol supplement lowers lipid peroxidation responses of exercise in male Wistar rats. *Int J Vitam Nutr Res*. 2020 May 13:1-6. doi: 10.1024/0300-9831/a000654.

229. Roshanravan N, Ghaffari S, **Hedayati M**. Angiotensin converting enzyme-2 as therapeutic target in COVID-19. *Diabetes Metab Syndr*. 2020 May 12;14(4):637-639. doi: 10.1016/j.dsx.2020.05.022.
228. Sadeghi-Tabas, S., Saghebjo, M., Sarir, H., **Hedayati, M**. Effects of work/rest interval manipulation of high-intensity interval training and detraining on telomerase activity and p53 levels in cardiac muscle | Effet des changements d'alternance exercice/repos dans les séances d'entraînement alternatif intense et du repos sur l'activité de la télomérase et de P53 dans le muscle cardiaque. *Science and Sports*, 2020, 35(3), pp. 170.e1–170.e8
227. Ramezani, M., Mazani, M., Tabatabaei, M., ...Mosaferi, E., **Hedayati, M**. Medullary thyroid cancer is associated with high serum vitamin D level and polymorphism of vitamin D receptors. *Physiology International*, 2020, 107(1), pp. 120–133
226. Tabibi H, As'habi A, Najafi I, **Hedayati M**. Associations of Body Composition, Muscle Function, and Physical Activity with Mortality in Peritoneal Dialysis Patients. *Iran J Kidney Dis*. 2020 May;14(3):224-230.
225. Bahrami S, Gheysarzadeh A, Sotoudeh M, Bandehpour M, Khabazian R, Zali H, **Hedayati M**, Basiri A, Kazemi B. The Association Between Gelsolin-like Actin-capping Protein (CapG) Overexpression and Bladder Cancer Prognosis. *Urol J*. 2020 Apr 20. doi: 10.22037/uj.v0i0.5664.
224. Salehpour A, Shidfar F, **Hedayati M**, Neshatbini Tehrani A, Farshad AA, Mohammadi S. Bisphenol A enhances adipogenic signaling pathways in human mesenchymal stem cells. *Genes Environ*. 2020 Mar 11;42:13. doi: 10.1186/s41021-020-00150-6.
223. Baziar N, Nasli-Esfahani E, Djafarian K, Qorbani M, **Hedayati M**, Mishani MA, Faghfoori Z, Ahmaripour N, Hosseini S. The Beneficial Effects of Alpha Lipoic Acid Supplementation on Lp-PLA2 Mass and Its Distribution between HDL and apoB-Containing Lipoproteins in Type 2 Diabetic Patients: A Randomized, Double-Blind, Placebo-Controlled Trial. *Oxid Med Cell Longev*. 2020 Mar 9;2020:5850865. doi: 10.1155/2020/5850865

222. Karimi S, Tabataba-Vakili S, Ebrahimi-Daryani N, Yari Z, Karimi A, **Hedayati M**, Hekmatdoost A. Inflammatory biomarkers response to two dosages of vitamin D supplementation in patients with ulcerative colitis: A randomized, double-blind, placebo-controlled pilot study. *Clin Nutr ESPEN*. 2020 Apr;36:76-81. doi: 10.1016/j.clnesp.2020.02.003.
221. Sheikholeslami S, Shabani N, Shivaee S, Tavangar SM, Yeganeh M, **Hedayati M**, Lotfi J, Gholami H. Overexpression of mir-129-1, miR-146b, mir-183, and mir-197 in follicular thyroid carcinoma and adenoma tissues. *Mol Cell Probes*. 2020 Jun;51:101536. doi: 10.1016/j.mcp.2020.101536.
220. Amiri P, Jalali-Farahani S, Zarkesh M, Gharibzadeh S, **Hedayati M**, Azizi F. Behavioral Interventions for Weight Management in Overweight and Obese Adolescents: A Comparison Between a Motivation-based Educational Program and Conventional Dietary Counseling. *Int J Endocrinol Metab*. 2020 Feb 1;18(1):e88192. doi: 10.5812/ijem.88192.
219. Kadkhoda G, Zarkesh M, Saidpour A, Oghaz MH, **Hedayati M**, Khalaj A. Association of dietary intake of fruit and green vegetables with PTEN and P53 mRNA gene expression in visceral and subcutaneous adipose tissues of obese and non-obese adults. *Gene*. 2020 Apr 5;733:144353. doi: 10.1016/j.gene.2020.144353
218. Seyedi SHS, Mottaghi A, Mirmiran P, **Hedayati M**, Azizi F. The relationship between dietary patterns and lipoprotein-associated phospholipase A2 levels in adults with cardiovascular risk factors: Tehran Lipid and Glucose Study. *J Res Med Sci*. 2020 Jan 20;25:3. doi: 10.4103/jrms.JRMS_256_19.
217. Nezamdoost Z, Saghebjoo M, Hoshyar R, **Hedayati M**, Keska A. High-Intensity Training and Saffron: Effects on Breast Cancer-related Gene Expression. *Med Sci Sports Exerc*. 2020 Jan 17. doi: 10.1249/MSS.0000000000002274.
216. Davari M, Hashemi R, Mirmiran P, **Hedayati M**, Sahranavard S, Bahreini S, Tavakoly R, Talaei B. Effects of cinnamon supplementation on expression of systemic inflammation

- factors, NF-kB and Sirtuin-1 (SIRT1) in type 2 diabetes: a randomized, double blind, and controlled clinical trial. *Nutr J*. 2020 Jan 4;19(1):1. doi: 10.1186/s12937-019-0518-3.
215. Razavi F, Sheikholeslami S, Zarif Yeganeh M, Naji T, **Hedayati M**. Ceruloplasmin Status in Medullary Thyroid Carcinoma. *Iran J Public Health*. 2020 Jan;49(1):209-210.
214. Bahrami S, Kazemi B, Zali H, Black PC, Basiri A, Bandehpour M, **Hedayati M**, Sahebkar A. Discovering Therapeutic Protein Targets for Bladder Cancer Using Proteomic Data Analysis. *Curr Mol Pharmacol*. 2020;13(2):150-172. doi: 10.2174/1874467212666191016124935.
213. Ahmadi S, Pishva H, Eshraghian MR, **Hedayati M**. UCP2, SHBG, Leptin, and T3 Levels are Associated with Resting Energy Expenditure in Obese Women. *Endocr Metab Immune Disord Drug Targets*. 2020; 20(2):234-241. doi: 10.2174/1871530319666190723154147.
212. Cost Effectiveness of Different Screening Strategies for Gestational Diabetes Mellitus Screening: Study Protocol of a Randomized Community Non-Inferiority Trial. Fahimeh Ramezani Tehrani 1, Gulf Study Cooperative Research Group (Samira Behboudi-Gandevani, Mehrandokht Abedini, Masoud Soleymani-Dodaran, Davood Khalili, Farshad Farzadfar, Farhad Hoseinpanah, Farzad Hadaegh, Majid Valizadeh, Farahnaz Torkestani, Zahra Abdollahi, Marzieh Bakhshandeh, Razieh Bidhendi Yarandi, Mehdi Zokaee, Farzam Bidarpour, Mehdi Javanbakht, Iraj Nabipour, Mohammad Ali Mansournia, Ensieh Nasli Esfahani, Afshin Ostovar, Fereidoun Azizi, Abbas Najari, Abdolmohammad Khajeian, Azita Anaraki, Fariba Ghazaghi, Forouzan Lahouni, Forouzandeh Kalantari, Hossein Fallah, Khadije Kordi, Lotfollah Saed, Mahsa Noroozzadeh, Maryam Farahmand, Marzieh Rostami Dovom, **Mehdi Hedayati**, Mehdi Mehdizade, Mina Amiri, Mohammad Hassan Lotfi, Mohammad-Esmail Motlagh, Mozghan Bashghareh, Nosrat Zamanipour, Parvin Mirmiran, Saeid Sadeghian Sharif, Saeid Shahraz, Samareh Khari, Sedigheh Alishahi, Shole Shahgheibi, Sima Nazarpour, Yadollah Mehrabi, Zahra). *Diabetol Metab Syndr*. 2019 Dec 18;11:106. doi: 10.1186/s13098-019-0493-z.

211. Yari Z, Movahedian M, Imani H, Alavian SM, **Hedayati M**, Hekmatdoost A. The effect of hesperidin supplementation on metabolic profiles in patients with metabolic syndrome: a randomized, double-blind, placebo-controlled clinical trial. *Eur J Nutr.* 2019 Dec 16. doi: 10.1007/s00394-019-02105-2.
210. Clark DW, Okada Y, Moore KHS, Mason D, Pirastu N, Gandin I, Mattsson H, Barnes CLK, Lin K, Zhao JH, Deelen P, Rohde R, Schurmann C, Guo X, Giulianini F, Zhang W, Medina-Gomez C, Karlsson R, Bao Y, Bartz TM, Baumbach C, Biino G, Bixley MJ, Brumat M, Chai JF, Corre T, Cousminer DL, Dekker AM, Eccles DA, van Eijk KR, Fuchsberger C, Gao H, Germain M, Gordon SD, de Haan HG, Harris SE, Hofer E, Huerta-Chagoya A, Igartua C, Jansen IE, Jia Y, Kacprowski T, Karlsson T, Kleber ME, Li SA, Li-Gao R, Mahajan A, Matsuda K, Meidtner K, Meng W, Montasser ME, van der Most PJ, Munz M, Nutile T, Palviainen T, Prasad G, Prasad RB, Priyanka TDS, Rizzi F, Salvi E, Sapkota BR, Shriener D, Skotte L, Smart MC, Smith AV, van der Spek A, Spracklen CN, Strawbridge RJ, Tajuddin SM, Trompet S, Turman C, Verweij N, Viberti C, Wang L, Warren HR, Wootton RE, Yanek LR, Yao J, Yousri NA, Zhao W, Adeyemo AA, Afaq S, Aguilar-Salinas CA, Akiyama M, Albert ML, Allison MA, Alver M, Aung T, Azizi F, Bentley AR, Boeing H, Boerwinkle E, Borja JB, de Borst GJ, Bottinger EP, Broer L, Campbell H, Chanock S, Chee ML, Chen G, Chen YI, Chen Z, Chiu YF, Cocca M, Collins FS, Concas MP, Corley J, Cugliari G, van Dam RM, Damulina A, Daneshpour MS, Day FR, Delgado GE, Dhana K, Doney ASF, Dörr M, Doumatey AP, Dzimiri N, Ebenesersdóttir SS, Elliott J, Elliott P, Ewert R, Felix JF, Fischer K, Freedman BI, Girotto G, Goel A, Gögele M, Goodarzi MO, Graff M, Granot-HersHKovitz E, Grodstein F, Guarrera S, Gudbjartsson DF, Guity K, Gunnarsson B, Guo Y, Hagenaars SP, Haiman CA, Halevy A, Harris TB, **Hedayati M**, van Heel DA, Hirata M, Höfer I, Hsiung CA, Huang J, Hung YJ, Ikram MA, Jagadeesan A, Jousilahti P, Kamatani Y, Kanai M, Kerrison ND, Kessler T, Khaw KT, Khor CC, de Kleijn DPV, Koh WP, Kolcic I, Kraft P, Krämer BK, Kutalik Z, Kuusisto J, Langenberg C, Launer LJ, Lawlor DA, Lee IT, Lee WJ, Lerch MM, Li L, Liu J, Loh M, London SJ, Loomis S, Lu Y, Luan J, Mägi R, Manichaikul AW, Manunta P, Måsson G, Matoba N, Mei XW, Meisinger C, Meitinger T, Mezzavilla M, Milani L, Millwood IY, Momozawa Y, Moore A, Morange PE, Moreno-Macías H, Mori TA, Morrison AC, Muka T, Murakami Y, Murray AD, de Mutsert R, Mychaleckyj JC, Nalls MA,

Nauck M, Neville MJ, Nolte IM, Ong KK, Orozco L, Padmanabhan S, Pálsson G, Pankow JS, Pattaro C, Pattie A, Polasek O, Poulter N, Pramstaller PP, Quintana-Murci L, Räikkönen K, Ralhan S, Rao DC, van Rheenen W, Rich SS, Ridker PM, Rietveld CA, Robino A, van Rooij FJA, Ruggiero D, Saba Y, Sabanayagam C, Sabater-Lleal M, Sala CF, Salomaa V, Sandow K, Schmidt H, Scott LJ, Scott WR, Sedaghati-Khayat B, Sennblad B, van Setten J, Sever PJ, Sheu WH, Shi Y, Shrestha S, Shukla SR, Sigurdsson JK, Sikka TT, Singh JR, Smith BH, Stančáková A, Stanton A, Starr JM, Stefansdottir L, Straker L, Sulem P, Sveinbjornsson G, Swertz MA, Taylor AM, Taylor KD, Terzikhan N, Tham YC, Thorleifsson G, Thorsteinsdottir U, Tillander A, Tracy RP, Tusié-Luna T, Tzoulaki I, Vaccargiu S, Vangipurapu J, Veldink JH, Vitart V, Völker U, Vuoksimaa E, Wakil SM, Waldenberger M, Wander GS, Wang YX, Wareham NJ, Wild S, Yajnik CS, Yuan JM, Zeng L, Zhang L, Zhou J, Amin N, Asselbergs FW, Bakker SJL, Becker DM, Lehne B, Bennett DA, van den Berg LH, Berndt SI, Bharadwaj D, Bielak LF, Bochud M, Boehnke M, Bouchard C, Bradfield JP, Brody JA, Campbell A, Carmi S, Caulfield MJ, Cesarini D, Chambers JC, Chandak GR, Cheng CY, Ciullo M, Cornelis M, Cusi D, Smith GD, Deary IJ, Dorajoo R, van Duijn CM, Ellinghaus D, Erdmann J, Eriksson JG, Evangelou E, Evans MK, Faul JD, Feenstra B, Feitosa M, Foisy S, Franke A, Friedlander Y, Gasparini P, Gieger C, Gonzalez C, Goyette P, Grant SFA, Griffiths LR, Groop L, Gudnason V, Gyllensten U, Hakonarson H, Hamsten A, van der Harst P, Heng CK, Hicks AA, Hochner H, Huikuri H, Hunt SC, Jaddoe VWV, De Jager PL, Johannesson M, Johansson Å, Jonas JB, Jukema JW, Junttila J, Kaprio J, Kardia SLR, Karpe F, Kumari M, Laakso M, van der Laan SW, Lahti J, Laudes M, Lea RA, Lieb W, Lumley T, Martin NG, März W, Matullo G, McCarthy MI, Medland SE, Merriman TR, Metspalu A, Meyer BF, Mohlke KL, Montgomery GW, Mook-Kanamori D, Munroe PB, North KE, Nyholt DR, O'connell JR, Ober C, Oldehinkel AJ, Palmas W, Palmer C, Pasterkamp GG, Patin E, Pennell CE, Perusse L, Peyser PA, Pirastu M, Polderman TJC, Porteous DJ, Posthuma D, Psaty BM, Rioux JD, Rivadeneira F, Rotimi C, Rotter JI, Rudan I, Den Ruijter HM, Sanghera DK, Sattar N, Schmidt R, Schulze MB, Schunkert H, Scott RA, Shuldiner AR, Sim X, Small N, Smith JA, Sotoodehnia N, Tai ES, Teumer A, Timpson NJ, Toniolo D, Tregouet DA, Tuomi T, Vollenweider P, Wang CA, Weir DR, Whitfield JB, Wijmenga C, Wong TY, Wright J, Yang J, Yu L, Zemel BS, Zonderman AB, Perola M, Magnusson PKE,

- Uitterlinden AG, Kooner JS, Chasman DI, Loos RJF, Franceschini N, Franke L, Haley CS, Hayward C, Walters RG, Perry JRB, Esko T, Helgason A, Stefansson K, Joshi PK, Kubo M, Wilson JF. Associations of autozygosity with a broad range of human phenotypes. *Nat Commun.* 2019 Oct 31;10(1):4957. doi: 10.1038/s41467-019-12283-6.
209. Mirmiran P, Davari M, Hashemi R, **Hedayati M**, Sahranavard S, Bahreini S, Tavakoly R, Talaei B. A randomized controlled trial to determining the effect of cinnamon on the plasma levels of soluble forms of vascular adhesion molecules in type 2 diabetes mellitus. *Eur J Clin Nutr.* 2019 Dec;73(12):1605-1612. doi: 10.1038/s41430-019-0523-9.
208. Farzanegan Gharabolagh A, Bamdad T, **Hedayati M**, Dehghan Manshadi SA. The Synergistic Effect of Fluvastatin and IFN- λ on Peripheral Blood Mononuclear Cells of Chronic Hepatitis C Virus (HCV) Patients with IL-28B rs12979860 CC Genotype. *Iran J Allergy Asthma Immunol.* 2019 Oct 23;18(5):533-542. doi: 10.18502/ijaa.v18i5.1923.
207. Razavi SA, Afsharpad M, Modarressi MH, Zarkesh M, Yaghmaei P, Nasiri S, Tavangar SM, Gholami H, Daneshafrooz A, **Hedayati M**. Validation of Reference Genes for Normalization of Relative qRT-PCR Studies in Papillary Thyroid Carcinoma. *Sci Rep.* 2019 Oct 23;9(1):15241. doi: 10.1038/s41598-019-49247-1.
206. Azizi F, Amouzegar A, Tohidi M, **Hedayati M**, Cheraghi L, Mehrabi Y. Systemic Thyroid Hormone Status in Treated Graves' Disease. *Int J Endocrinol Metab.* 2019 Oct 12;17(4):e95385. doi: 10.5812/ijem.95385.
205. As'habi, A., Najafi, I., Tabibi, H., **Hedayati, M**. Dietary intake and its related factors in peritoneal dialysis patients in Tehran, Iran. *Iranian Journal of Kidney Diseases*, 2019, 13(4), pp. 269–276
204. Mehran, L., Yarahmadi, S., Khalili, D., **Hedayati, M**, ...Ajang, N., Azizi, F. Audit of the congenital hypothyroidism screening program in 15 Provinces of Iran. *Archives of Iranian Medicine*, 2019, 22(6), pp. 310–317

203. Vafaei, R., Hatamabadi, H., Soori, H., **Hedayati, M.** The impact of resveratrol supplementation on inflammation induced by acute exercise in rats: IL6 responses to exercise. *Iranian Journal of Pharmaceutical Research*, 2019, 18(2), pp. 772–784
202. Saghebjo, M., Farrokhi-Fard, M., **Hedayati, M.**, Sadeghi-Tabas, S. The effect of high-intensity interval training and L-arginine supplementation on the serum levels of adiponectin and lipid profile in overweight and obese young men. *Obesity Medicine*, 2019, 16, 100139
201. Mahmoodi, B., Shemshaki, A., Zarkesh, M., Hedayati, M., Mirmiran, P. Habitual Physical Activity is Associated with Relative Apelin Gene Expression in Adipose Tissues Among Non-Diabetic Adults. *International Journal of Peptide Research and Therapeutics*, 2019, 25(4), pp. 1573–1579
200. Pezeshk, F., Babaei, S., Abedian Kenari, A., **Hedayati, M.**, Naseri, M. The effect of supplementing diets with extracts derived from three different species of macroalgae on growth, thermal stress resistance, antioxidant enzyme activities and skin colour of electric yellow cichlid (*Labidochromis caeruleus*). *Aquaculture Nutrition*, 2019, 25(2), pp. 436–443
199. Maghami, S., Zardooz, H., Khodaghali, F., **Hedayati, M.**, ...Sahraei, H., Ansari, M.A. Correction: Maternal separation blunted spatial memory formation independent of peripheral and hippocampal insulin content in young adult male rats. *PLoS ONE*, 2019, 14(1). DOI : 10.1371/journal.pone.0204731)
198. **Hedayati, M.**, Mahmoud Bashi, S., Mariun, N., Hizam, H. A short review of different optimal H_{∞} robust facts controller designs. *International Journal on Engineering Applications*, 2018, 6(6), pp. 187–195
197. Tavassoli H, Heidarianpour A, **Hedayati M.** The effects of resistance exercise training followed by de-training on irisin and some metabolic parameters in type 2 diabetic rat model. *Arch Physiol Biochem*. 2019 Oct 7:1-8. doi: 10.1080/13813455.2019.1673432.
196. Golzarand M, Toolabi K, **Hedayati M.**, Azam K, Douraghi M, Djafarian K. Comparative Study of Resting Metabolic Rate and Plasma Amino Acid Profile in Patients Who Underwent

- Laparoscopic Roux-en-Y Gastric Bypass and Laparoscopic Sleeve Gastrectomy: 6-Month Follow-up Study. *Obes Surg.* 2019 Oct;29(10):3125-3132. doi: 10.1007/s11695-019-03969-3.
195. Yuzbashian E, Asghari G, Aghayan M, **Hedayati M**, Zarkesh M, Mirmiran P, Khalaj A. Dietary glycemic index and dietary glycemic load is associated with apelin gene expression in visceral and subcutaneous adipose tissues of adults. *Nutr Metab (Lond)*. 2019 Sep 18;16:68. doi: 10.1186/s12986-019-0389-9.
194. Azizi F, Amouzegar A, Tohidi M, **Hedayati M**, Khalili D, Cheraghi L, Mehrabi Y, Takyar M. Increased Remission Rates After Long-Term Methimazole Therapy in Patients with Graves' Disease: Results of a Randomized Clinical Trial. *Thyroid*. 2019 Sep;29(9):1192-1200. doi: 10.1089/thy.2019.0180.
193. Shakib H, Rajabi S, Dehghan MH, Mashayekhi FJ, Safari-Alighiarloo N, **Hedayati M**. Epithelial-to-mesenchymal transition in thyroid cancer: a comprehensive review. *Endocrine*. 2019 Dec;66(3):435-455. doi: 10.1007/s12020-019-02030-8.
192. Saadati S, Sadeghi A, Mansour A, Yari Z, Poustchi H, **Hedayati M**, Hatami B, Hekmatdoost A. Curcumin and inflammation in non-alcoholic fatty liver disease: a randomized, placebo controlled clinical trial. *BMC Gastroenterol*. 2019 Jul 25;19(1):133. doi: 10.1186/s12876-019-1055-4.
191. Shabani N, Sheikholeslami S, Paryan M, Zarif Yeganeh M, Tavangar SM, Azizi F, Mohammadi-Yeganeh S, **Hedayati M**. An investigation on the expression of miRNAs including miR-144 and miR-34a in plasma samples of RET-positive and RET-negative medullar thyroid carcinoma patients. *J Cell Physiol*. 2019 Jul 11. doi: 10.1002/jcp.29055.
190. Darand M, Darabi Z, Yari Z, **Hedayati M**, ShahrbaF MA, Khoncheh A, Hosseini-Ahangar B, Alavian SM, Hekmatdoost A. The effects of black seed supplementation on cardiovascular risk factors in patients with nonalcoholic fatty liver disease: A randomized, double-blind, placebo-controlled clinical trial. *Phytother Res*. 2019 Jul 10. doi: 10.1002/ptr.6424.

189. Cheraghpour M, Imani H, Ommi S, Alavian SM, Karimi-Shahrbabak E, **Hedayati M**, Yari Z, Hekmatdoost A. Hesperidin improves hepatic steatosis, hepatic enzymes, and metabolic and inflammatory parameters in patients with nonalcoholic fatty liver disease: A randomized, placebo-controlled, double-blind clinical trial. *Phytother Res.* 2019 Jul 1. doi: 10.1002/ptr.6406.
188. Khodarahmi R, Khateri S, Adibi H, Nasirian V, **Hedayati M**, Faramarzi E, Soleimani S, Goicoechea HC, Jalalvand AR. Chemometrical-electrochemical investigation for comparing inhibitory effects of quercetin and its sulfonamide derivative on human carbonic anhydrase II: Theoretical and experimental evidence. *Int J Biol Macromol.* 2019 Jun 14. pii: S0141-8130(19)33531-7. doi: 10.1016/j.ijbiomac.2019.06.093. PMID: 31207328
187. Golzarand M, Toolabi K, **Hedayati M**, Azam K, Douraghi M, Djafarian K. Comparative Study of Resting Metabolic Rate and Plasma Amino Acid Profile in Patients Who Underwent Laparoscopic Roux-en-Y Gastric Bypass and Laparoscopic Sleeve Gastrectomy: 6-Month Follow-up Study. *Obes Surg.* 2019 Jun 4. doi: 10.1007/s11695-019-03969-3. PMID: 31165402
186. Norouzirad R, Gholami H, Ghanbari M, **Hedayati M**, González-Muniesa P, Jeddi S, Ghasemi A. Dietary inorganic nitrate attenuates hyperoxia-induced oxidative stress in obese type 2 diabetic male rats. *Life Sci.* 2019 Aug 1;230:188-196. doi: 10.1016/j.lfs.2019.05.068. Epub 2019 May 28. PMID: 31150686
185. Hodaei H, Adibian M, Nikpayam O, **Hedayati M**, Sohrab G. The effect of curcumin supplementation on anthropometric indices, insulin resistance and oxidative stress in patients with type 2 diabetes: a randomized, double-blind clinical trial. *Diabetol Metab Syndr.* 2019 May 27;11:41. doi: 10.1186/s13098-019-0437-7. PMID: 31149032
184. Bozorg-Ghalati F, **Hedayati M**, Dianatpour M, Mosaffa N, Azizi F. Targeting the BRAF Signaling Pathway in CD133pos Cancer Stem Cells of Anaplastic Thyroid Carcinoma Asian Pac J Cancer Prev. 2019 May 25;20(5):1353-1360. PMID: 31127889
183. Vafae R, Soori H, **Hedayati M**, Ainy E, Hatamabad HR. Effects of resveratrol supplementation in male Wistar rats undergoing an endurance exercise and acute exercise training. *Hum Antibodies.* 2019 May 17. doi: 10.3233/HAB-190380. PMID: 31127758

182. Darand M, Darabi Z, Yari Z, Saadati S, **Hedayati M**, Khoncheh A, Hosseini-Ahangar B, Alavian SM, Hekmatdoost A. Nigella sativa and inflammatory biomarkers in patients with non-alcoholic fatty liver disease: Results from a randomized, double-blind, placebo-controlled, clinical trial. *Complement Ther Med*. 2019 Jun;44:204-209. doi: 10.1016/j.ctim.2019.04.014. Epub 2019 Apr 22. PMID: 31126557
181. Arak H, Karimi Torshizi MA, **Hedayati M**, Rahimi S. Comparative evaluation of aflatoxin and mineral binding activity of molecular imprinted polymer designed for dummy template using in vitro and in vivo models. *Toxicon*. 2019 Aug;166:66-75. doi: 10.1016/j.toxicon.2019.05.005. Epub 2019 May 22. PMID: 31125619
180. Khazan M, Nasiri S, Riahi SM, Robati RM, **Hedayati M**. Measurement of melatonin, indole-dioxygenase, IL-6, IL-18, ferritin, CRP and total homocysteine levels during herpes zoster. *J Med Virol*. 2019 Apr 12. doi: 10.1002/jmv.25484. [IF?]
179. Arak H, Karimi Torshizi MA, **Hedayati M**, Rahimi S. The first in vivo application of synthetic polymers based on methacrylic acid as an aflatoxin sorbent in an animal model. *Mycotoxin Res*. 2019 Apr 4. doi: 10.1007/s12550-019-00353-z. [IF2.85]
178. Abooshahab R, Gholami M, Sanoie M, Azizi F, **Hedayati M**. Advances in metabolomics of thyroid cancer diagnosis and metabolic regulation. *Endocrine*. 2019 Apr 1. doi: 10.1007/s12020-019-01904-1. [IF3.17]
177. Yuzbashian E, Asghari G, **Hedayati M**, Zarkesh M, Mirmiran P, Khalaj A. The association of dietary carbohydrate with FTO gene expression in visceral and subcutaneous adipose tissue of adults without diabetes. *Nutrition*. 2019 Jan 2;63-64:92-97. doi: 10.1016/j.nut.2018.12.014.
176. Zarkesh M, Zadeh-Vakili A, Akbarzadeh M, Nozhat Z, Fanaei SA, **Hedayati M**, Azizi F. BRAF V600E mutation and microRNAs are helpful in distinguishing papillary thyroid malignant lesions: Tissues and fine needle aspiration cytology cases. *Life Sci*. 2019 Mar 16. pii: S0024-3205(19)30198-5. doi: 10.1016/j.lfs.2019.03.034.
175. Shakiba E, Movahedi M, Majd A, **Hedayati M**. Investigating the expression and promoter methylation of RET gene in patients with medullary thyroid cancer with unmutated RET. *J Cell Physiol*. 2019 Mar 14. doi: 10.1002/jcp.28295.
174. Karimi S, Tabataba-Vakili S, Yari Z, Alborzi F, **Hedayati M**, Ebrahimi-Daryani N, Hekmatdoost A. The effects of two vitamin D regimens on ulcerative colitis activity index,

- quality of life and oxidant/anti-oxidant status. *Nutr J.* 2019 Mar 11;18(1):16. doi: 10.1186/s12937-019-0441-7.
173. Adibian M, Hodaie H, Nikpayam O, Sohrab G, Hekmatdoost A, **Hedayati M**. The effects of curcumin supplementation on high-sensitivity C-reactive protein, serum adiponectin, and lipid profile in patients with type 2 diabetes: A randomized, double-blind, placebo-controlled trial. *Phytother Res.* 2019 Mar 12. doi: 10.1002/ptr.6328.
172. As'habi A, Najafi I, Tabibi H1, **Hedayati M**. Prevalence of Protein-Energy Wasting and Its Association With Cardiovascular Disease Risk Factors in Iranian Peritoneal Dialysis Patients. *Iran J Kidney Dis.* 2019 Jan;13(1):48-55.
171. Rajabi S, Dehghan MH, Dastmalchi R, Jalali Mashayekhi F, Salami S, **Hedayati M**. The roles and role-players in thyroid cancer angiogenesis. *Endocr J.* 2019 Mar 6. doi: 10.1507/endocrj.EJ18-0537.
170. Heidari Z, Arefhosseini SR, **Hedayati M**, Vaghef-Mehrabany E, Ebrahimi-Mameghani M. Iodine status, and knowledge about iodine deficiency disorders in adolescent school girls aged 14-19 years, 2016. *Health Promot Perspect.* 2019 Jan 23;9(1):77-84. doi: 10.15171/hpp.2019.10. eCollection 2019.
169. Saadati S, Hekmatdoost A, Hatami B, Mansour A, Zahra Z, **Hedayati M**, Sadeghi A. Comparing different non-invasive methods in assessment of the effects of curcumin on hepatic fibrosis in patients with non-alcoholic fatty liver disease. *Gastroenterol Hepatol Bed Bench.* 2018 Winter;11(Suppl 1):S8-S13. PMID: 30774801
168. Darabi Z, Darand M, Yari Z, **Hedayati M**, Faghihi A, Agah S, Hekmatdoost A. Inflammatory markers response to citrulline supplementation in patients with non-alcoholic fatty liver disease: a randomized, double blind, placebo-controlled, clinical trial. *BMC Res Notes.* 2019 Feb 15;12(1):89. doi: 10.1186/s13104-019-4130-6. PMID: 30767788
167. Abbasi M, Daneshpour MS, **Hedayati M**, Mottaghi A, Pourvali K, Azizi F. Dietary Total Antioxidant Capacity and the Risk of Chronic Kidney Disease in Patients With Type 2 Diabetes: A Nested Case-Control Study in the Tehran Lipid Glucose Study. *J Ren Nutr.* 2019 Jan 29. pii: S1051-2276(18)30277-2. PMID: 30709711.

166. Torkzahrani S, Janati Ataei1* P, **Hedayati M**, Khodakarim S, Sheikhan1Z, Khoramabadi MS, Sadraei AS. Oxidative Stress Markers in Early Pregnancy Loss: A Case-Control Study. *International Journal of Women's Health and Reproduction Sciences*, 2019, 7, 1, 61–66.
165. Tabibi H, As'habi A, Najafi I, **Hedayati M**. Prevalence of dynapenic obesity and sarcopenic obesity and their associations with cardiovascular disease risk factors in peritoneal dialysis patients. *Kidney Res Clin Pract*. 2018 Dec;37(4):404-413. doi: 10.23876/j.krcp.18.0064. Epub 2018 Dec 31.
164. Mokhtari Z, Karbaschian Z, Pazouki A, Kabir A, **Hedayati M**, Mirmiran P, Hekmatdoost A. The Effects of Probiotic Supplements on Blood Markers of Endotoxin and Lipid Peroxidation in Patients Undergoing Gastric Bypass Surgery; a Randomized, Double-Blind, Placebo-Controlled, Clinical Trial with 13 Months Follow-Up. *Obes Surg*. 2019 Jan 5. doi: 10.1007/s11695-018-03667-6. PMID: 30612325
163. Saadati S, Hatami B, Yari Z, Shahrbafe MA, Eghtesad S, Mansour A, Poustchi H, **Hedayati M**, Aghajanpoor-Pasha M, Sadeghi A, Hekmatdoost A. The effects of curcumin supplementation on liver enzymes, lipid profile, glucose homeostasis, and hepatic steatosis and fibrosis in patients with non-alcoholic fatty liver disease. *Eur J Clin Nutr*. 2019 Jan 4. doi: 10.1038/s41430-018-0382-9. PMID: 30610213
162. Abooshahab R, Niyazi E, Yaghmaie P, Ghadaksaz HG, **Hedayati M**. Serum level of dipeptidyl peptidase-4 as a potential biomarker for medullary **thyroid cancer**. *Exp Oncol*. 2018 Dec;40(4):299-302.
161. **Hedayati M**, Daneshpour MS, Zarkesh M, Zarif Yeganeh M, Sheikholeslami S, Faam B, Azizi F. Biochemical Assessment: Findings from 20 Years of the Tehran Lipid and Glucose Study. *Int J Endocrinol Metab*. 2018 Oct 16;16(4 Suppl):e84783.
160. Daneshpour MS, **Hedayati M**, Sedaghati-Khayat B, Guity K, Zarkesh M, Akbarzadeh M, Javanrooh N, Zadeh-Vakili A, Azizi F. Genetic Identification for Non-Communicable Disease: Findings from 20 Years of the Tehran Lipid and Glucose Study. *Int J Endocrinol Metab*. 2018 Oct 27;16(4 Suppl):e84744

159. Zarkesh M, Zadeh-Vakili A, Akbarzadeh M, Fanaei SA, **Hedayati M**, Azizi F. The role of matrix metalloproteinase-9 as a prognostic biomarker in papillary **thyroid cancer**. *BMC Cancer*. 2018 Dec 3;18(1):1199.
158. Yuzbashian E, Asghari G, **Hedayati M**, Zarkesh M, Mirmiran P, Khalaj A. Determinants of vitamin D receptor gene expression in visceral and subcutaneous adipose tissue in non-obese, obese, and morbidly obese subjects. *J Steroid Biochem Mol Biol*. 2018 Nov 6. pii: S0960-0760(18)30480-1.
157. Yuzbashian E, Zarkesh M, Asghari G, **Hedayati M**, Safarian M, Mirmiran P, et al. Is apelin gene expression and concentration affected by dietary intakes? A systematic review. *Critical Reviews in Food Science and Nutrition*. 2018;58(4):680-8.
156. Darbandi M, Darbandi S, Agarwal A, Baskaran S, Dutta S, Sengupta P, Khorram Khorshid HR, Esteves S, Gilany K, **Hedayati M**, Nobakht F, Akhondi MM, Lakpour N, Sadeghi MR. Reactive oxygen species-induced alterations in H19-Igf2 methylation patterns, seminal plasma metabolites, and semen quality. *J Assist Reprod Genet*. 2018 Oct 31, 1-13.
155. Varmira K, Mohammadi G, Mahmoudi M, Khodarahmi R, Rashidi K, **Hedayati M**, et al. Fabrication of a novel enzymatic electrochemical biosensor for determination of tyrosine in some food samples. *Talanta*. 2018;183:1-10.
154. Ehteshami M, Shakerhosseini R, Sedaghat F, **Hedayati M**, Eini-Zinab H, Hekmatdoost A. The Effect of Gluten Free Diet on Components of Metabolic Syndrome: A Randomized Clinical Trial. *Asian Pac J Cancer Prev*. 2018 Oct 26;19(10):2979-2984.
153. Maghami S, Zardooz H, Khodagholi F, Binayi F, Ranjbar Saber R, **Hedayati M**, Sahraei H, Ansari MA. Maternal separation blunted spatial memory formation independent of peripheral and hippocampal insulin content in young adult male rats. *PLoS One*. 2018 Oct 17;13(10)
152. Nazeri P, Tahmasebinejad Z, Mehrabi Y, **Hedayati M**, Mirmiran P, Azizi F. Lactating Mothers and Infants Residing in an Area with an Effective Salt Iodization Program Have No Need for Iodine Supplements: Results from a Double-Blind, Placebo-Controlled, Randomized Controlled Trial. *Thyroid*. 2018 Nov;28(11):1547-1558
151. Nozhat Z, Mohammadi-Yeganeh S, Azizi F, Zarkesh M, **Hedayati M**. Effects of metformin on the PI3K/AKT/FOXO1 pathway in anaplastic **thyroid Cancer** cell lines. *Daru*. 2018 Dec;26(2):93-103.

150. Mirfatahi M, Imani H, Tabibi H, Nasrollahi A, **Hedayati M**. Effects of Flaxseed Oil on Serum Bone Turnover Markers in Hemodialysis Patients: a Randomized Controlled Trial. *Iran J Kidney Dis*. 2018 Jul;12(4):215-222.
149. Abshirini M, Siassi F, Koohdani F, Qorbani M, Khosravi S, **Hedayati M**, Aslani Z, Soleymani M, Sotoudeh G. Dietary total antioxidant capacity is inversely related to menopausal symptoms: a cross-sectional study among Iranian postmenopausal women. *Nutrition*. 2018 Nov;55-56:161-167.
148. Zarkesh M, Zadeh-Vakili A, Azizi F, Foroughi F, Akhavan MM, **Hedayati M**. Altered Epigenetic Mechanisms in **Thyroid Cancer** Subtypes. *Molecular Diagnosis and Therapy*. 2018;22(1):41-56.
147. Shabani N, Razaviyan J, Paryan M, Tavangar SM, Azizi F, Mohammadi-Yeganeh S, et al. Evaluation of miRNAs expression in medullary **thyroid carcinoma** tissue samples: miR-34a and miR-144 as promising overexpressed markers in MTC. *Human Pathology*. 2018;79:212-21.
146. Zarkesh M, Zadeh-Vakili A, Azizi F, Fanaei SA, Foroughi F, **Hedayati M**. The association of BRAF V600E mutation with tissue inhibitor of metalloproteinase-3 expression and clinicopathological features in papillary **thyroid cancer**. *International Journal of Endocrinology and Metabolism*. 2018;16(2).
145. Mard-Soltani M, Rasaei MJ, Khalili S, Sheikhi AK, **Hedayati M**, Ghaderi-Zefrehi H, Alasvand M. The Effect of Differentially Designed Fusion Proteins to Elicit Efficient Anti-human Thyroid Stimulating Hormone Immune Responses. *Iran J Allergy Asthma Immunol*. 2018 Apr;17(2):158-170.
144. Karbaschian Z, Mokhtari Z, Pazouki A, Kabir A, **Hedayati M**, Moghadam SS, Mirmiran P, Hekmatdoost A. Probiotic Supplementation in Morbid Obese Patients Undergoing One Anastomosis Gastric Bypass-Mini Gastric Bypass (OAGB-MGB) Surgery: a Randomized, Double-Blind, Placebo-Controlled, Clinical Trial. *Obes Surg*. 2018 Sep;28(9):2874-2885.
143. Lazavi F, Mirmiran P, Sohrab G, Nikpayam O, Angoorani P, **Hedayati M**. The barberry juice effects on metabolic factors and oxidative stress in patients with type 2 diabetes: A randomized clinical trial. *Complement Ther Clin Pract*. 2018 May;31:170-174.

142. Khazan M, **Hedayati M**, Robati RM, Riahi SM, Nasiri S. Impaired oxidative status as a potential predictor in clinical manifestations of herpes zoster. *J Med Virol*. 2018 Oct;90(10):1604-1610.
141. Abbasi M, Daneshpour MS, **Hedayati M**, Mottaghi A, Pourvali K, Azizi F. The relationship between MnSOD Val16Ala gene polymorphism and the level of serum total antioxidant capacity with the risk of chronic kidney disease in type 2 diabetic patients: a nested case-control study in the Tehran lipid glucose study. *Nutr Metab (Lond)*. 2018 Apr 11;15:25.
140. Rabiei S, **Hedayati M**, Rashidkhani B, Saadat N, Shakerhossini R. The Effects of Synbiotic Supplementation on Body Mass Index, Metabolic and Inflammatory Biomarkers, and Appetite in Patients with Metabolic Syndrome: A Triple-Blind Randomized Controlled Trial. *J Diet Suppl*. 2018 Apr 19:1-13.
139. Amiri P, Jalali-Farahani S, Akbar HM, Cheraghi L, Khalili D, Momenan A, Mirmiran P, Ghanbarian A, **Hedayati M**, Hosseini-Esfahani F, Azizi F. The Effects of a Community-Based Lifestyle Intervention on Metabolic Syndrome and Its Components in Adolescents: Findings of a Decade Follow-Up. *Metab Syndr Relat Disord*. 2018 Jun;16(5):215-223.
138. Nazeri P, Dalili H, Mehrabi Y, **Hedayati M**, Mirmiran P, Azizi F. Is there any difference between the iodine statuses of breast-fed and formula-fed infants and their mothers in an area with iodine sufficiency? *Br J Nutr*. 2018 May;119(9):1012-1018.
137. Homayouni F, Haidari F, **Hedayati M**, Zakerkish M, Ahmadi K. Blood pressure lowering and anti-inflammatory effects of hesperidin in type 2 diabetes; a randomized double-blind controlled clinical trial. *Phytother Res*. 2018 Jun;32(6):1073-1079.
136. As'habi A, Najafi I, Tabibi H, **Hedayati M**. Prevalence of Sarcopenia and Dynapenia and Their Determinants in Iranian Peritoneal Dialysis Patients. *Iran J Kidney Dis*. 2018 Jan;12(1):53-60.
135. Nazeri P, Dalili H, Mehrabi Y, **Hedayati M**, Mirmiran P, Azizi F. Breast Milk Iodine Concentration Rather than Maternal Urinary Iodine Is a Reliable Indicator for Monitoring Iodine Status of Breastfed Neonates. *Biol Trace Elem Res*. 2018 Sep;185(1):71-77
134. Ahmadi S, Eshraghian MR, **Hedayati M**, Pishva H. Relationship between estrogen and body composition, energy, and endocrine factors in obese women with normal and low REE. *Steroids*. 2018 Feb;130:31-35.

133. Sagharchian SF, **Hedayati M**, Kazerouni F, Rahimipour A, Shanaki M. Salivary lipid peroxidation and antioxidant status in the patients with papillary **thyroid carcinoma**: A case-control study. *International Journal of Cancer Management*. 2018;11(3) 1-6.
132. Nozhat Z, Mohammadi-Yeganeh S, Azizi F, Zarkesh M, **Hedayati M**. Effects of metformin on the PI3K/AKT/FOXO1 pathway in anaplastic **thyroid Cancer** cell lines. *DARU, Journal of Pharmaceutical Sciences*. 2018, 26 (2) 93-103.
131. Taghadomi Masoumi Z, Eshraghian MR, **Hedayati M**, Pishva H. Association between uncoupling protein 2, adiponectin and resting energy expenditure in obese women with normal and low resting energy expenditure. *Gynecological Endocrinology*. 2018;34(2):166-70.
130. Roshanravan N, Mahdavi R, Jafarabadi MA, Alizadeh E, Alipour S, Ghavami A, et al. The suppression of TXNIP and miR-200c improve beta-cell function in patients with Type 2 diabetes: A randomized, double-blind, placebo-controlled trial. *Journal of Functional Foods*. 2018;48:481-9.
129. Nazeri P, Karimi M, **Hedayati M**, Mirmiran P, Azizi F. Urinary and breast milk iodine concentrations in lactating mothers and its association with certain demographic characteristics in an area with iodine sufficiency. *Iranian Journal of Endocrinology and Metabolism*. 2018;20(3):109-15.
128. Nasiri S, **Hedayati M**, Riahi S, Robati R, Khazan M. Elevated serum nitric oxide and hydrogen peroxide levels as potential valuable predictors of herpes zoster. *Asian Pacific Journal of Tropical Medicine*. 2018;11(6):381-6.
127. Mohammadi M, Azizi F, **Hedayati M**. Iodine deficiency status in the WHO Eastern Mediterranean Region: a systematic review. *Environmental Geochemistry and Health*. 2018;40(1):87-97.
126. Heidarzadeh S, Azarbayjani MA, Matinhomae H, **Hedayati M**. A review of aphroditic plants and physical activity on testosterone concentrations. *Journal of Medicinal Plants*. 2018;17(66):1-26.
125. Aghaie F, Khazali H, **Hedayati M**, Akbarnejad A. The effects of exercise on expression of CYP19 and StAR mRNA in steroid-induced polycystic ovaries of female rats. *International Journal of Fertility and Sterility*. 2018;11(4):298-303.

124. Abbasi T, Nazarali P, **Hedayati M**, Alizadeh R. The effect of eight weeks of high intensity interval training on osteopontin and some bone mineral indices in young women. *Journal of Physical Education and Sport*. 2018;18:532-5.
123. Mohammadi M, Zarghami N, **Hedayati M**, Ghaemmaghami S. Synergistic Effects of Resistin and Visfatin as Adipocyte Derived Hormones on Telomerase Gene Expression in AGS Gastric Cancer Cell Line. *Acta Med Iran*. 2017 Oct;55(10):621-627.
122. Razavi SA, Modarressi MH, Yaghmaei P, Tavangar SM, **Hedayati M**. Circulating levels of PTEN and KLLN in papillary **thyroid carcinoma**: can they be considered as novel diagnostic biomarkers? *Endocrine*. 2017;57(3):428-35.
121. Rajabi S, **Hedayati M**. Medullary **Thyroid Cancer**: Clinical Characteristics and New Insights into Therapeutic Strategies Targeting Tyrosine Kinases. *Molecular Diagnosis and Therapy*. 2017;21(6):607-20.
120. Emami A, Nazem MR, Shekarriz R, **Hedayati M**. Micronutrient status (calcium, zinc, vitamins D and E) in patients with medullary **thyroid carcinoma**: A cross-sectional study. *Nutrition*. 2017;41:86-9.
119. Ehyaei S, **Hedayati M**, Zarif-Yeganeh M, Sheikholeslami S, Ahadi M, Amini SA. Plasma calcitonin levels and miRNA323 expression in medullary **thyroid carcinoma** patients with or without RET mutation. *Asian Pacific Journal of Cancer Prevention*. 2017;18(8):2179-84.
118. Ebadi SA, Abbasalipourkabir R, **Hedayati M**, Sheikh N, Bakhtiari A, Momeni P, et al. Katalcalcin (PDN-21) serum level in patients with medullary **thyroid carcinoma**: Case-control study. *Journal of Military Medicine*. 2017;19(4):383-9.
117. Bozorg-Ghalati F, **Hedayati M**, Dianatpour M, Azizi F, Mosaffa N, Mehrabani D. Effects of a phosphoinositide-3-kinase inhibitor on anaplastic **thyroid cancer** stem cells. *Asian Pacific Journal of Cancer Prevention*. 2017;18(8):2287-91.
116. Bozorg-Ghalati F, **Hedayati M**. Molecular biomarkers of anaplastic **thyroid carcinoma**. *Current Molecular Medicine*. 2017;17(3):181-8.
115. Talaei B, Amouzegar A, Sahranavard S, **Hedayati M**, Mirmiran P, Azizi F. Effects of cinnamon consumption on glycemic indicators, advanced glycation end products, and antioxidant status in type 2 diabetic patients. *Nutrients*. 2017;9(9):1-9.

114. Tabibi H, Mirfatahi M, **Hedayati M**, Nasrollahi A. Effects of flaxseed oil on blood hepcidin and hematologic factors in hemodialysis patients. *Hemodialysis International*. 2017;21(4):549-56.
113. Sohrab G, Ebrahimof S, Sotoudeh G, Neyestani TR, Angoorani P, **Hedayati M**, et al. Effects of pomegranate juice consumption on oxidative stress in patients with type 2 diabetes: a single-blind, randomized clinical trial. *International Journal of Food Sciences and Nutrition*. 2017;68(2):249-55.
112. Rostami H, Samadi M, Yuzbashian E, Zarkesh M, Asghari G, **Hedayati M**, et al. Habitual dietary intake of fatty acids are associated with leptin gene expression in subcutaneous and visceral adipose tissue of patients without diabetes. *Prostaglandins Leukotrienes and Essential Fatty Acids*. 2017;126:49-54.
111. Roshanravan N, Mahdavi R, Alizadeh E, Jafarabadi MA, **Hedayati M**, Ghavami A, et al. Effect of Butyrate and Inulin Supplementation on Glycemic Status, Lipid Profile and Glucagon-Like Peptide 1 Level in Patients with Type 2 Diabetes: A Randomized Double-Blind, Placebo-Controlled Trial. *Hormone and Metabolic Research*. 2017;49(11):886-91.
110. Ravanbod R, Torkaman G, **Hedayati M**, Nezhad MEZ. Insights into cryotherapy and joint bleeding: Cryotherapy and hemophilia. *Blood Coagulation and Fibrinolysis*. 2017;28(7):514-20.
109. Nazeri P, Mirmiran P, Tahmasebinejad Z, **Hedayati M**, Delshad H, Azizi F. The effects of iodine fortified milk on the iodine status of lactating mothers and infants in an area with a successful salt iodization program: A randomized controlled trial. *Nutrients*. 2017;9(2) 180, 1-13.
108. Mard-Soltani M, Rasae MJ, Sheikhi A, **Hedayati M**. Eliciting an antibody response against a recombinant TSH containing fusion protein. *Journal of Immunoassay and Immunochemistry*. 2017;38(3):257-70.
107. Homayouni F, Haidari F, **Hedayati M**, Zakerkish M, Ahmadi K. Hesperidin Supplementation Alleviates Oxidative DNA Damage and Lipid Peroxidation in Type 2 Diabetes: A Randomized Double-Blind Placebo-Controlled Clinical Trial. *Phytotherapy Research*. 2017;31(10):1539-45.

106. Hodaie H, Adibian M, Sohrab G, **Hedayati M**. The effects of curcumin supplementation on control glycemic and anthropometric indices in overweight patients with type 2 diabetes. *Iranian Journal of Endocrinology and Metabolism*. 2017;19(1):1-9.
105. Bozorg-Ghalati F, **Hedayati M**, Dianatpour M. Are surface markers of cancer stem cells reliable factors for cancer treatment follow-up? *Comparative Clinical Pathology*. 2017;26(4):981-3.
104. Behboudi-Gandevani S, Ramezani Tehrani F, Bidhendi Yarandi R, Noroozadeh M, **Hedayati M**, Azizi F. The association between polycystic ovary syndrome, obesity, and the serum concentration of adipokines. *Journal of Endocrinological Investigation*. 2017;40(8):859-66.
103. Babaei S, Abedian-Kenari A, **Hedayati M**, Yazdani-Sadati MA. Growth response, body composition, plasma metabolites, digestive and antioxidant enzymes activities of Siberian sturgeon (*Acipenser baerii*, Brandt, 1869) fed different dietary protein and carbohydrate: lipid ratio. *Aquaculture Research*. 2017;48(6):2642-54.
102. Asadi MR, Torkaman G, **Hedayati M**, Mohajeri-Tehrani MR, Ahmadi M, Gohardani RF. Angiogenic effects of low-intensity cathodal direct current on ischemic diabetic foot ulcers: A randomized controlled trial. *Diabetes Research and Clinical Practice*. 2017;127:147-55.
101. Ahari H, **Hedayati M**, Akbari-adergani B, Kakoolaki S, Hosseini H, Anvar A. Staphylococcus aureus exotoxin detection using potentiometric nanobiosensor for microbial electrode approach with the effects of pH and temperature. *International Journal of Food Properties*. 2017;20:1578-1587.
100. Nozhat Z, **Hedayati M**. Medullary thyroid carcinoma: A review on ethical considerations in treatment of children. *Journal of Pediatric Endocrinology and Metabolism*. 2016;29(6):633-9
99. Nozhat Z, **Hedayati M**. PI3K/AKT Pathway and Its Mediators in Thyroid Carcinomas. *Molecular Diagnosis and Therapy*. 2016;20(1):13-26.
98. Hosseini-Zijoud SM, Ebadi SA, Goodarzi MT, **Hedayati M**, Abbasalipourkabir R, Mahjoob MP, et al. Lipid peroxidation and antioxidant status in patients with medullary thyroid carcinoma: A case-control study. *Journal of Clinical and Diagnostic Research*. 2016;10(2):BC04-BC7.
97. **Hedayati M**, Zarif Yeganeh M, Sheikholeslami S, Afsari F. Diversity of mutations in the RET proto-oncogene and its oncogenic mechanism in medullary thyroid cancer. *Critical Reviews in Clinical Laboratory Sciences*. 2016;53(4):217-27.

96. Hedayati M, Nozhat Z, **Hannani M**. Can the serum level of myostatin be considered as an informative factor for cachexia prevention in patients with medullary thyroid cancer? *Asian Pacific Journal of Cancer Prevention*. 2016;17:119-23.
95. Zarkesh M, Asghari G, Amiri P, Hosseinzadeh N, **Hedayati M**, Ghanbarian A, et al. Familial aggregation of metabolic syndrome with different socio-behavioral characteristics: The fourth phase of Tehran lipid and glucose study. *Iranian Red Crescent Medical Journal*. 2016;18(8) 1-9.
94. Ullah S, Rahman K, **Hedayati M**. Hyperbilirubinemia in neonates: Types, causes, clinical examinations, preventive measures and treatments: A narrative review article. *Iranian Journal of Public Health*. 2016;45(5):558-68.
93. Tabibi H, Imani H, Atabak S, Najafi I, **Hedayati M**, Rahmani L. Effects of ginger on serum lipids and lipoproteins in peritoneal dialysis patients: A randomized controlled trial. *Peritoneal Dialysis International*. 2016;36(2):140-5.
92. Shahrivar FF, Badavi M, Dianat M, Mard A, Ahangarpour A, **Hedayati M**, et al. Comparison of therapeutic effects of L-Thyroxin, apelin and a combination of both on antioxidant enzymes in the heart of PTU-induced hypothyroid rats. *Brazilian Archives of Biology and Technology*. 2016;59.
91. Shadman Z, Akhoundan M, Poorsoltan N, Larijani B, Qorbani M, **Hedayati M**, et al. Association of major dietary patterns with cardio-metabolic risk factors in type 2 diabetic patients. *Iranian Journal of Public Health*. 2016;45(11):1491-501.
90. Saki B, Bahrami A, Ebrahim K, Abedi-Yekta A, **Hedayati M**. Effect of concurrent training on telomere length in patients with myocardial infarction: Randomised clinical trial of cardiac rehabilitation. *Gene Reports*. 2016;4:264-8.
89. Rostamkhani F, Zardooz H, Goshadrou F, Baveisi M, **Hedayati M**. Stress increased ghrelin secretion from pancreatic isolated islets in male rats. *General Physiology and Biophysics*. 2016;35(1):109-17.
88. Rezaee E, **Hedayati M**, Rad LH, Shahhosseini S, Faizi M, Tabatabai SA. Novel soluble epoxide hydrolase inhibitors with a dihydropyrimidinone scaffold: Design, synthesis and biological evaluation. *MedChemComm*. 2016;7(11):2128-35.

87. Nikseresht M, Hafezi Ahmadi MR, **Hedayati M**. Detraining-induced alterations in adipokines and cardiometabolic risk factors after nonlinear periodized resistance and aerobic interval training in obese men. *Applied Physiology, Nutrition and Metabolism*. 2016;41(10):1018-25.
86. Nazeri P, Zarghani NH, Mirmiran P, **Hedayati M**, Mehrabi Y, Azizi F. Iodine Status in Pregnant Women, Lactating Mothers, and Newborns in an Area with More Than Two Decades of Successful Iodine Nutrition. *Biological Trace Element Research*. 2016;172(1):79-85.
85. Nazeri P, Mirmiran P, **Hedayati M**, Mehrabi Y, Delshad H, Azizi F. Can postpartum maternal urinary iodine be used to estimate iodine nutrition status of newborns? *British Journal of Nutrition*. 2016;115(7):1226-31.
84. Mohammadi M, **Hedayati M**, Zarghami N, Ghaemmaghani S. Resistin effect on telomerase gene expression in gastric cancer cell line ags. *Acta Endocrinologica*. 2016;12(2):145-9.
83. Mohammadi M, **Hedayati M**. A brief review on the molecular basis of medullary thyroid carcinoma. *Cell Journal*. 2016;18(4):485-92.
82. Mirfatahi M, Tabibi H, Nasrollahi A, **Hedayati M**, Taghizadeh M. Effect of flaxseed oil on serum systemic and vascular inflammation markers and oxidative stress in hemodialysis patients: a randomized controlled trial. *International Urology and Nephrology*. 2016;48(8):1335-41.
81. Mirfatahi M, Tabibi H, Nasrollahi A, **Hedayati M**. Effects of flaxseed oil on serum lipids and lipoproteins in hemodialysis patients: A randomized controlled trial. *Iranian Journal of Kidney Diseases*. 2016;10(6):405-12.
80. Maleki N, Kazerouni F, **Hedayati M**, Rahimipour A, Maleki MH. The Effect of Subclinical Hypothyroidism on Blood Pressure. *Vascular Disease Management*. 2016;13(3):E67-E74.
79. Maleki N, Kazerouni F, **Hedayati M**, Rahimipour A, Maleki H. Assessment of cardiovascular risk factors in patients with subclinical hypothyroidism. *Acta Cardiologica*. 2016;71(6):691-7.
78. Mahmoudzadeh M, Hosseini H, **Hedayati M**, Mousavi Khanghah A, Djalma Chaves R, Azizkhani M. Establishment of a Method for Describing stx Genes Expression of E.coli O157: H7 in Ground Beef Matrix during Refrigerated Storage. *Journal of Food Safety*. 2016;36(2):220-226.
77. Hovanloo F, Fallah Huseini H, **Hedayati M**, Teimourian M. Effects of aerobic training combined with green tea extract on leukocyte telomere length, quality of life and body composition in elderly women. *Journal of Medicinal Plants*. 2016;15(59):47-57.

76. Hoseini Sanati M, Torkaman G, **Hedayati M**, Iranparvar Alamdari M. Effect of Ga-As laser on decrease of wound surface area and ABI value in diabetic foot ulcers. *Journal of Zanjan University of Medical Sciences and Health Services*. 2016;24(103):20-31.
75. Hamzavizarghani N, Ghofranipour F, Amiri P, Amouzegar A, Nazeri P, **Hedayati M**, et al. Iodine intake knowledge, attitude and practice in pregnant women and its relation to iodine status during pregnancy. *Iranian Journal of Endocrinology and Metabolism*. 2016;17(6).
74. Ghazi AA, Hosseinpanah F, Abdi H, **Hedayati M**, Hasheminia M, Ghazi S, et al. Effect of Different Doses of Oral Cholecalciferol on Serum 1,25(OH)₂D in Vitamin D Deficient Schoolchildren. *Hormone and Metabolic Research*. 2016;48(6):394-8.
73. Farhud DD, Zarif Yeganeh M, Sadighi H, Zandvakili S. Testicular feminization or androgen insensitivity syndrome (AIS) in Iran: A retrospective analysis of 30-year data. *Iranian Journal of Public Health*. 2016;45(1):1-5.
72. Emami A, Nazem MR, **Hedayati M**, Karami M. Four months of combined and compound morning training improves testosterone/cortisol ratio, adiponectin and insulin resistance in male students. *Sport Sciences for Health*. 2016;12(2):215-20.
71. Delshad H, Touhidi M, Abdollahi Z, **Hedayati M**, Salehi F, Azizi F. Inadequate iodine nutrition of pregnant women in an area of iodine sufficiency. *Journal of Endocrinological Investigation*. 2016;39(7):755-62.
70. Babaei S, Abedian Kenari A, **Hedayati M**, Yazdani Sadati MA, Metón I. Effect of diet composition on growth performance, hepatic metabolism and antioxidant activities in Siberian sturgeon (*Acipenser baerii*, Brandt, 1869) submitted to starvation and refeeding. *Fish Physiology and Biochemistry*. 2016;42(6):1509-20.
69. Azad M, Khaledi N, **Hedayati M**. Effect of acute and chronic eccentric exercise on FOXO1 mRNA expression as fiber type transition factor in rat skeletal muscles. *Gene*. 2016;584(2):180-184.
68. Arefi RG, Saghebjo M, **Hedayati M**, Fathi R. The effect of aerobic training and omega-3 consumption on brain-derived neurotrophic factor in the hippocampus of male rats with homocysteine induced alzheimer's disease. *Scientific Journal of Kurdistan University of Medical Sciences*. 2016;21(2):53-64.

67. Aghaie F, Khazali H, **Hedayati M**, Akbarnejad A. The effects of moderate treadmill and running wheel exercises on oxidative stress in female rats with steroid-induced polycystic ovaries. *Physiology and Pharmacology*. 2016;20(4):277-86.
66. Abooshahab R, Yaghmaei P, Ghadaksaz HG, **Hedayati M**. Lack of Association between Serum Adiponectin/Leptin Levels and Medullary Thyroid Cancer. *Asian Pacific journal of cancer prevention : APJCP*. 2016;17(8):3861-4.
65. Abooshahab R, Yaghmaei P, Ghadaksaz HG, **Hedayati M**. Lack of association between serum adiponectin/leptin levels and medullary thyroid cancer. *Asian Pacific Journal of Cancer Prevention*. 2016;17(8):3859-62.
64. Zarif Yeganeh M, Sheikholeslami S, Dehbashi Behbahani G, Farashi S, **Hedayati M**. Skewed mutational spectrum of RET proto-oncogene Exon10 in Iranian patients with medullary thyroid carcinoma. *Tumor Biology*. 2015;36(7):5225-31.
63. Yeganeh MZ, Sheikholeslami S, **Hedayati M**. RET proto oncogene mutation detection and medullary thyroid carcinoma prevention. *Asian Pacific Journal of Cancer Prevention*. 2015;16(6):2107-17.
62. Nozhat Z, **Hedayati M**, Azizi F. Thyroid cancer epidemic: A peril or an alarm? *International Journal of Endocrinology and Metabolism*. 2015;13(4).
61. Jabbari S, **Hedayati M**, Yaghmaei P, Parivar K. Medullary thyroid carcinoma - circulating status of Vaspin and Retinol binding protein-4 in Iranian patients. *Asian Pacific Journal of Cancer Prevention*. 2015;16(15):6507-12.
60. Vaziri Y, Bulduk S, Shadman Z, Bulduk EO, **Hedayati M**, Koc H, et al. Lean body mass as a predictive value of hypertension in young adults, in Ankara, Turkey. *Iranian Journal of Public Health*. 2015;44(12):1643-54.
59. Roshanravan N, Alizadeh M, **Hedayati M**, Asghari-Jafarabadi M, Mesri Alamdari N, Anari F, et al. Effect of zinc supplementation on insulin resistance, energy and macronutrients intakes in pregnant women with impaired glucose tolerance. *Iranian Journal of Public Health*. 2015;44(2):211-7.
58. Nourshahi M, **Hedayati M**, Karimi F, Ranjbar K. Contrasting effect of submaximal exercise on circulating vascular endothelial growth factor under different oxygen status. *Medicina dello Sport*. 2015;68(2):217-29.

57. Nazeri P, Norouzian MA, Mirmiran P, **Hedayati M**, Azizi F. Heating process in pasteurization and not in sterilization decreases the iodine concentration of milk. *International Journal of Endocrinology and Metabolism*. 2015;13(4).
56. Naghii MR, Jafari M, Mofid M, Eskandari E, **Hedayati M**, Khalagie K. The efficacy of antioxidant therapy against oxidative stress and androgen rise in ethylene glycol induced nephrolithiasis in Wistar rats. *Human and Experimental Toxicology*. 2015;34(7):744-54.
55. Mohammadi M, Zarghami N, **Hedayati M**, Ghaemmaghani S, Yamchi R, Mohaddes M. Visfatin effects on telomerase gene expression in AGS gastric cancer cell line. *Indian Journal of Cancer*. 2015;52(1):32-5.
54. Mohajeri Tehrani MR, Tajvidi M, Kahrizi S, **Hedayati M**. Does endurance training affect IGF-1/IGFBP-3 and insulin sensitivity in patients with type 2 diabetes? *Journal of Sports Medicine and Physical Fitness*. 2015;55(9):1004-12.
53. Imani H, Tabibi H, Najafi I, Atabak S, **Hedayati M**, Rahmani L. Effects of ginger on serum glucose, advanced glycation end products, and inflammation in peritoneal dialysis patients. *Nutrition*. 2015;31(5):703-7.
52. Hosseinpour-Niazi S, Mirmiran P, **Hedayati M**, Azizi F. Substitution of red meat with legumes in the therapeutic lifestyle change diet based on dietary advice improves cardiometabolic risk factors in overweight type 2 diabetes patients: A cross-over randomized clinical trial. *European Journal of Clinical Nutrition*. 2015;69(5):592-7.
51. Hosseini-Esfahani F, Mirmiran P, Daneshpour MS, Mehrabi Y, **Hedayati M**, Soheilian-Khorzoghi M, et al. Dietary patterns interact with APOA1/APOC3 polymorphisms to alter the risk of the metabolic syndrome: the Tehran Lipid and Glucose Study. *British Journal of Nutrition*. 2015;113(4):644-53.
50. Gretarsdottir S, **Helgason H**, Helgadottir A, Sigurdsson A, Thorleifsson G, Magnusdottir A, et al. A Splice Region Variant in LDLR Lowers Non-high Density Lipoprotein Cholesterol and Protects against Coronary Artery Disease. *PLoS Genetics*. 2015;11(9).
49. As'Habi A, Tabibi H, **Hedayati M**, Mahdavi-Mazdeh M, Nozary-Heshmati B. Association of malnutrition-inflammation score, dialysis-malnutrition score and serum albumin with novel risk factors for cardiovascular diseases in hemodialysis patients. *Renal Failure*. 2015;37(1):113-6.

48. Zahedi S, Mirvaghefi A, Rafati M, Rafiee G, Mojazi Amiri B, **Hedayati M**, et al. The effect of sub-lethal exposure to copper and the time course of recovery in clean water on biochemical changes in juvenile fish (*Acipenser persicus*). *Marine and Freshwater Behaviour and Physiology*. 2014;47(4):253-64.
47. Tabibi H, As'Habi A, Mahdavi-Mazdeh M, **Hedayati M**, Nozary-Heshmati B. Comparison of novel risk factors for cardiovascular disease between hemodialysis patients with and without protein-energy wasting. *International Urology and Nephrology*. 2014;46(10):2015-20.
46. Rezaee S, Kahrizi S, **Hedayati M**. Hormonal responses of combining endurance-resistance exercise in healthy young men. *Journal of Sports Medicine and Physical Fitness*. 2014;54(2):244-51.
45. Rezaee E, **Hedayati M**, Rad LH, Kiani A, Shahhosseini S, Faizi M, et al. Design, synthesis and biological evaluation of some oxadiazole derivatives as novel amide-based inhibitors of soluble epoxide hydrolase. *Letters in Drug Design and Discovery*. 2014;11(6):721-30.
44. Razavi SA, Ghadaksaz HG, Rad LH, **Hedayati M**. Inteins: Genetic elements involved in protein splicing. *Genetics in the Third Millennium*. 2014;11(4):3318-25.
43. Rastegar H, Ashtiani HRA, Khoyi SH, **Hedayati M**, Dadras OG, Rassam H, et al. The biological influence of salmonella enterica lipopolysaccharide on excretion of inflammatory mediators by fibroblasts in an in vitro wound healing model. *Journal of Pure and Applied Microbiology*. 2014;8(2):1087-93.
42. Parhampour B, Torkaman G, Hoorfar H, **Hedayati M**, Ravanbod R. Effects of short-term resistance training and pulsed electromagnetic fields on bone metabolism and joint function in severe haemophilia A patients with osteoporosis: A randomized controlled trial. *Clinical Rehabilitation*. 2014;28(5):440-50.
41. Nazem MR, Emami A, Seyedzadeh MH, Sadeghi H, Movafagh A, **Hedayati M**. The significance of telomere and telomerase in cancer. *Genetics in the Third Millennium*. 2014;12(3):3678-91.
40. Naseri M, **Hedayati M**, Daneshpour MS, Bandarian F, Azizi F. Identification of genetic variants of lecithin cholesterol acyltransferase in individuals with high HDL-C levels. *Molecular medicine reports*. 2014;10(1):496-502.

39. Naghii MR, Mofid M, **Hedayati M**, Khalagi K. Antioxidants inhibition of high plasma androgenic markers in the pathogenesis of ethylene glycol (EG)-induced nephrolithiasis in Wistar rats. *Urolithiasis*. 2014;42(2):97-103.
38. Naghii MR, Babaei M, **Hedayati M**. Androgens involvement in the pathogenesis of renal stones formation. *PLoS ONE*. 2014;9(4).
37. Mohajeri-Tehrani MR, Nasiripoor F, Torkaman G, **Hedayati M**, Annabestani Z. Effect of low-intensity direct current on expression of vascular endothelial growth factor and nitric oxide in diabetic foot ulcers. *Journal of Rehabilitation Research and Development*. 2014;51(5):815-24.
36. Malaichamy S, Sen P, Sachidanandam R, Arokiasamy T, Lancelot ME, Audo I, et al. Molecular profiling of complete congenital stationary night blindness: A pilot study on an Indian cohort. *Molecular vision*. 2014;20:341.
35. Karbalaei N, Ghasemi A, **Hedayati M**, Godini A, Zahediasl S. The possible mechanisms by which maternal hypothyroidism impairs insulin secretion in adult male offspring in rats. *Experimental Physiology*. 2014;99(4):701-14.
34. Hosseini-Esfahani F, Mirmiran P, Daneshpour MS, Mehrabi Y, **Hedayati M**, Zarkesh M, et al. Western dietary pattern interaction with APOC3 polymorphism in the risk of metabolic syndrome: Tehran lipid and glucose study. *Journal of Nutrigenetics and Nutrigenomics*. 2014;7(2):105-17.
33. Ghazi AA, Khah AM, Kamani F, Zare K, Sadeghipour A, **Hedayati M**, et al. A novel succinate dehydrogenase type B mutation in an Iranian family. Its genetic and clinical evaluation. *Hormones*. 2014;13(4):568-73.
32. Ghanizadeh G, Babaei M, Naghii MR, Mofid M, Torkaman G, **Hedayati M**. The effect of supplementation of calcium, vitamin D, boron, and increased fluoride intake on bone mechanical properties and metabolic hormones in rat. *Toxicology and Industrial Health*. 2014;30(3):211-7.
31. Farshchian F, Tehrani FR, Amirrasouli H, Pour HR, **Hedayati M**, Kazerouni F, et al. Visfatin and resistin serum levels in normal-weight and obese women with polycystic ovary syndrome. *International Journal of Endocrinology and Metabolism*. 2014;12(3).
30. Faam B, Daneshpour MS, **Hedayati M**, Halalkhor S, Mansournia MA, Zarkesh M, et al. The age effect on the association between the scavenger receptor class B type I (SR-BI) polymorphism and HDL-C level: Tehran Lipid and Glucose Study. *Endocrine Research*. 2014;39(3):91-3.

29. Emami A, Nazem R, **Hedayati M**. Is association between thyroid hormones and gut peptides, ghrelin and obestatin, able to suggest new regulatory relation between the HPT axis and gut? *Regulatory Peptides*. 2014;189:17-21.
28. Daei-farshbaf N, Ardeshirylajimi A, Seyedjafari E, Piryaei A, Fadaei Fathabady F, **Hedayati M**, et al. Bioceramic-collagen scaffolds loaded with human adipose-tissue derived stem cells for bone tissue engineering. *Molecular Biology Reports*. 2014;41(2):741-9.
27. As'habi A, Tabibi H, Nozary-Heshmati B, Mahdavi-Mazdeh M, **Hedayati M**. Comparison of various scoring methods for the diagnosis of protein-energy wasting in hemodialysis patients. *International Urology and Nephrology*. 2014;46(5):999-1004.
26. Amouzegar A, Khazan M, **Hedayati M**, Azizi F. An assessment of the iodine status and the correlation between iodine nutrition and thyroid function during pregnancy in an iodine sufficient area. *European Journal of Clinical Nutrition*. 2014;68(3):397-400.
25. Amouzegar A, Ainy E, Khazan M, Mehran L, **Hedayati M**, Azizi F. Local versus international recommended TSH references in the assessment of thyroid function during pregnancy. *Hormone and Metabolic Research*. 2014;46(3):206-10.
24. Subic A, Shabani B, **Hedayati M**, Crossin E. Performance analysis of the capability assessment tool for sustainable manufacturing. *Sustainability (Switzerland)*. 2013;5(8):3543-61.
23. Shahsavari F, Kheirollahi A, Jafarzadeh M, **hedayati M**. SUMO4 M55V Polymorphism is associated with diabetic nephropathy in Iranian type 2 diabetes patients. *Life Science Journal*. 2013;10(SUPPL. 5):485-7.
22. Shadman Z, Taleban FA, Saadat N, **Hedayati M**. Effect of conjugated linoleic acid and vitamin E on glycemic control, body composition, and inflammatory markers in overweight type2 diabetics. *Journal of Diabetes and Metabolic Disorders*. 2013;12(1) 1-9.
21. Saghebjoor M, **Hedayati M**, Fahimi Y, Ilbeigi S. Plasma acylated ghrelin response to one session circuit resistance exercise in fasted and high carbohydrate meal in healthy young men. *International Journal of Endocrinology and Metabolism*. 2013;11(4) 1-5.
20. Roghani T, Torkaman G, Movassegh S, **Hedayati M**, Goosheh B, Bayat N. Effects of short-term aerobic exercise with and without external loading on bone metabolism and balance in postmenopausal women with osteoporosis. *Rheumatology International*. 2013;33(2):291-8.

19. Peeri M, Habibian M, Azarbayjani MA, **Hedayati M**. Protective effect of aerobic exercise against L-name-induced kidney damage in rats. *Arhiv za Higijenu Rada i Toksikologiju*. 2013;64(2):229-35.
18. Nourshahi M, Koneshlou S, Gharakhanlou R, **Hedayati M**, Hemmatzade T. Effect of progressive resistance exercise on $\beta 1$ integrin and vinculin protein levels in slow-and fast-twitch skeletal muscles of male rats. *Physiology and Pharmacology*. 2013;17(2):185-93.
17. Noori N, Tabibi H, Hosseinpanah F, **Hedayati M**, Nafar M. Effects of combined lipoic acid and pyridoxine on albuminuria, advanced glycation end-products, and blood pressure in diabetic nephropathy. *International Journal for Vitamin and Nutrition Research*. 2013;83(2):77-85.
16. Naghii M, **Hedayati M**. Whole body vibration as a safe exercise training method induces no impaired alterations on rat plasma antioxidant biomarkers. *Acta Physiologica Hungarica*. 2013;100(3):321-8.
15. Mendonça RHFd, Abbruzzese S, Plateroti R, Plateroti P, Ferreira EL. Electrophysiological findings in Oguchi disease. *Revista Brasileira de Oftalmologia*. 2013;72(3):188-90.
14. Mehran L, Amouzegar A, Delshad H, Askari S, **Hedayati M**, Amirshkari G, et al. Trimester-specific reference ranges for thyroid hormones in iranian pregnant women. *Journal of Thyroid Research*. 2013; ID651517, 1-6.
13. Mahmoody SAA, Gharakhanlou R, Roshan VD, **Hedayati M**. Individual and concomitant effects of cardioprotective programs on cardiac apelinergic system and oxidative state in L-NAME-induced hypertension. *Clinical and Experimental Hypertension*. 2013;35(1):20-7.
12. Khazan M, **Hedayati M**, Askari S, Azizi F. Adulteration of products sold as Chinese Herbal medicines for weight loss with thyroid hormones and PCP. *Journal of Herbal Medicine*. 2013;3(1):39-43.
11. Jahantigh M, Salari S, **Hedayati M**. Detection of infectious bronchitis virus serotypes by reverse transcription polymerase chain reaction in broiler chickens. *SpringerPlus*. 2013;2(1):1-4.
10. **Hedayati M**, Mariun N, Hizam H, Bahari S. Design of Robust Controller for STATCOM Applied to Large Induction Motor Using Normalized Coprime Factorization Approach. *Arabian Journal for Science and Engineering*. 2013;38(10):2713-23.

9. Ghorbanian B, Ravassi A, Reza M, **Hedayati M**. The effects of rope training on lymphocyte ABCA1 expression, plasma APOA-I and HDL-C in boy adolescents. *International Journal of Endocrinology and Metabolism*. 2013;11(2):76-81.
8. Ghalami J, Zardooz H, Rostamkhani F, Farrokhi B, **Hedayati M**. Glucose-stimulated insulin secretion: Effects of high-fat diet and acute stress. *Journal of Endocrinological Investigation*. 2013;36(10):835-42.
7. Fereidoun A, Ladan M, Atieh A, Hossein D, Maryam T, Sahar A, et al. Establishment of the trimester-specific reference range for free thyroxine index. *Thyroid*. 2013;23(3):354-9.
6. Esteghamati A, Eskandari D, Mirmiranpour H, Noshad S, Mousavizadeh M, **Hedayati M**, et al. Effects of metformin on markers of oxidative stress and antioxidant reserve in patients with newly diagnosed type 2 diabetes: A randomized clinical trial. *Clinical Nutrition*. 2013;32(2):179-85.
5. Bandarian F, **Hedayati M**, Daneshpour MS, Naseri M, Azizi F. Genetic polymorphisms in the APOA1 gene and their relationship with serum HDL cholesterol levels. *Lipids*. 2013;48(12):1207-16.
4. Azizi F, Mehran L, Amouzegar A, Delshad H, Tohidi M, Askari S, et al. Erratum: Establishment of the trimesterspecific reference range for free thyroxine index (*Thyroid* (2012) 23 (354-359)). *Thyroid*. 2013;23(7):915.
3. Azarm HM, Kenari AA, **Hedayati M**. Effect of dietary phospholipid sources and levels on growth performance, Enzymes activity, Cholecystokinin and lipoprotein fractions of rainbow trout (*Oncorhynchus mykiss*) fry. *Aquaculture Research*. 2013;44(4):634-44.
2. Azarm HM, Abedian-Kenari A, **Hedayati M**. Growth response and fatty acid composition of rainbow trout (*Oncorhynchus mykiss*) fry fed diets containing different levels of soybean and egg lecithin. *Aquaculture International*. 2013;21(2):497-509.
1. Asadi MR, Torkaman G, **Hedayati M**, Mofid M. Role of sensory and motor intensity of electrical stimulation on fibroblastic growth factor-2 expression, inflammation, vascularization, and mechanical strength of full-thickness wounds. *Journal of Rehabilitation Research and Development*. 2013;50(4):489-98.

2. National Published Papers:

121. Taji Tabas A, Saghebjoo M, **Hedayati M**, Ghahremani R. The effect of high-intensity interval training on physical function and energy intake in male rats consuming a high-fat diet. *Daneshvar Medicine* (2024); <https://doi.org/10.22070/DANESHMED.2024.18065.1383>

120. Karimi M, Saghebjoo M, Sarir H, **Hedayati M**. Skeletal muscle metabolomics analysis after high-intensity interval training in rats fed a high-fat diet. *Daneshvar Medicine* (2024); <https://doi.org/10.22070/DANESHMED.2024.18381.1415>
119. Hosseinzadeh S, Pakizehkar S, Daneshpour M.A., **Hedayati M**. Effects of Single Nucleotide Variations, Gene Rearrangements, and Numerical Changes on Thyroid Cancer Pathogenesis: A Narrative Review. *Iranian Journal of Endocrinology and Metabolism* (2023); 24, 384-400, URL: <https://ijem.sbm.ac.ir/article-1-3060-en.html>
118. Pakizehkar S, Hosseinzadeh S, Niknan Z, Daneshpour MS, **Hedayati M**. The PI3K Pathway and Its Driver Mutations in Thyroid Cancer Pathogenesis: A Narrative Review. *Iranian Journal of Endocrinology and Metabolism* (2022); 24: 317-327, URL: <http://ijem.sbm.ac.ir/article-1-3065-en.html>
117. Torki S, Nezhadali M, **Hedayati M**. Association Between Vaspin Gene Polymorphism and Serum Vaspin Level in Women With Papillary Thyroid Cancer and Multinodular Goiter. *Qom University of Medical Sciences Journal* (2022),16: 690-701.
116. Haghghi A, Askari R, **Hedayati M**, Damanpak A. The comparison of estrogen metabolites between active and inactive postmenopausal women. *Pars Journal of Medical Sciences* (2022), 11: 29-35, <http://doi.org/10.29252/jmj.11.2.4>
115. Rahmani Ghobadi M, Rahmaninia F, Mirzaei B, **Hedayati M**. Effects of 8 weeks of aerobic training on Agouti-related peptide, appetite hormones and insulin resistance in overweight sedentary women. *Pars Journal of Medical Sciences* (2022); 14: <http://doi.org/10.29252/jmj.14.2.1>
114. Farkhani BM, Saghebjoo M, Hosseini Kakhk SA, **Hedayati M**. The effect of speed endurance production training with blood flow restriction during rest intervals on serum VEGF and HIF-1 α levels and aerobic and anaerobic performance in male soccer players. *Journal of Practical Studies of Biosciences in Sport*, Articles in Press, Accepted Manuscript Available Online from 01 July 2022.

113. Ehtesham R, **Hedayati M**. Correlation of vaspin levels with anthropometric and biochemical parameters in patients with Non-alcoholic fatty liver disease in an Iranian population, *Yafteh*, 2021, 23(3), <http://eprints.lums.ac.ir/id/eprint/2959>
112. Sarkheili S, Rajabi H, Motamedi P, **Hedayati M**. The Comparison of the Effect of High Intensity Interval Exercise using Synchronize, Consecutive and Alternate Upper and Lower body Activity on Plasma Irisin and BDNF in Obese women, *Sport Physiology* 13 (49), 39-64
111. Farshadfar S, Nazeri P, Nayeri F, **Hedayati M**, Vigh M, Amini F. Associations of Breast Milk Mercury, Lead and Cadmium Concentrations with Hyperthyrotropinemia in Neonates during the First Few Days after Birth, *Iranian Journal of Endocrinology and Metabolism* 23 (1), 1-8
110. Pakizehkar S, Hosseinzadeh S, Valizadeh M, **Hedayati M**. The role-playing autoantibodies in autoimmune thyroid diseases and their extra-thyroidal manifestations, *Tehran University Medical Journal TUMS Publications* 79 (3), 165-175
109. Mousavi SSM, Nourshahi M, Ghara Khanlou R, **Hedayati M**, Akbarnejad A. The Acute Effect of HMB-FA Supplement and Sport Activity on Some Factors that Influence Hypertrophy and Muscle Damage in Inactive Men, *Journal of Sport Biosciences* 13 (3), 285-300
108. Ghane A, Abednatanzi H, Saghebjo M, **Hedayati M**. The effect of high-intensity interval training and high-protein diet on the apoptotic indices of caspase-3, Bax, and Bcl-2 in the cardiac tissue of obese male rats, *Daneshvar Medicine journal*, 2022, Doi: 10.22070/daneshmed.2022.15468.1151
107. Khazan, M., **Hedayati, M.**, Illegal drugs in the composition of non-standard herbal products: A review article, *Iranian Journal of Endocrinology and Metabolism*, 2021, 22(8), pp. 506–520
106. Sheikholeslami, S., Zarif-Yeganeh, M., Farashi, S., ...Teimoori-Toolabi, L., **Hedayati, M.**, Promoter methylation of tumor suppressors in thyroid carcinoma: A systematic review. *Iranian Journal of Public Health* Volume 50, Issue 12, Pages 2461 - 2472

105. Karimi, R., Nezhadali, M., **Hedayati, M.**, Association of visfatin gene polymorphism rs4730153 with anthropometric characteristics, visfatin level, insulin resistance and lipid metabolism in iranian diabetic/pre-diabetic population, *Koomesh* Volume 23, Issue 5, Pages 541 - 547
104. Farhud, D.D., Zokaei, S., Keykhaei, M., **Hedayati, M.**, Zarif Yeganeh, M., In-vitro fertilization impact on the risk of breast cancer: A review article, *Iranian Journal of Public Health*, 2021, 50(3), pp. 438–447
103. Hedayati, M., Hajializadeh, K., **Hedayati, M.**, Fathi, E., An investigation of the effectiveness of emotionally-focused couple's group therapy (EFCT) on relational aggression of couples with breast cancer in wives: A semi-experimental study. *Iranian Journal of Breast Diseases*, 2021, 13(4), pp. 40–56
102. Hosseinzadeh, S., Pakizehkar, S., **Hedayati, M.**, The role of mirna dysregulation in thyroid cancer development by targeting the main signaling pathways, *Iranian Journal of Endocrinology and Metabolism*, 2021, 22(5), pp. 447
101. Pakizehkar, S., Hosseinzadeh, S., **Hedayati, M.** Measurement technologies of thyrotropin-receptor antibodies from the past until present. *Iranian Journal of Endocrinology and Metabolism*, 2020, 22(1), pp. 30–40
100. Hosseinzadeh, S., Pakizehkar, S., **Hedayati, M.** High-density lipoprotein measurement methods: From precipitation to nuclear magnetic resonance (NMR). *Iranian Journal of Endocrinology and Metabolism*, 2020, 22(1), pp. 11–29
99. Hajizadeh Oghaz, M., Kadkhoda, G., Zarkesh, M., ...Saeedpour, A., **Hedayati, M.** Association of dietary intakes, anthropometric measurements and insulin resistance with the relative P53 gene expression in visceral and subcutaneous adipose tissues in obese and non-obese subjects. *Iranian Journal of Nutrition Sciences and Food Technology*, 2020, 15(2), pp. 21–32

98. Aghili-Moghaddam, N.S., Yuzbashian, E., Zarkesh, M., **Hedayati, M.** ...Mirmiran, P., Khalaj, A. The association of vaspin gene expression in visceral and subcutaneous adipose tissues with dietary fatty acids in obese and non-obese individuals. *Iranian Journal of Endocrinology and Metabolism*, 2020, 22(2), pp. 151–161
97. Zarkesh, M., Tabaei, K., Mahmoodi, B., **Hedayati, M.** ...Mirmiran, P., Khalaj, A. The association of daily physical activity and apelin gene expression and serum concentration in omental and subcutaneous adipose tissues of obese and morbid obese adults. *Iranian Journal of Endocrinology and Metabolism*, 2019, 21(4), pp. 217–226
96. Nourshahi, M., Sadr Arhami, H., Ebrahim, K.H., Mousavi Mozafar, M., **Hedayati, M.** The effect of 8-week sprint interval training with consuming saffron extract on the factors affecting longevity in male rats. *Iranian Journal of Nutrition Sciences and Food Technology*, 2019, 14(1), pp. 19–26
95. Nasiri, S., Robati, R.M., **Hedayati, M.**, Khazan, M. Incidence, risk factors and prevention of herpes zoster: Review article. *Tehran University Medical Journal*, 2019, 77(1), pp. 1–7
94. Amirian, A., Kariman, N., **Hedayati, M.**, Borumandnia, N., Naeje, Z. Relationship between levels of maternal serum un-conjugated estriol and gestational diabetes mellitus. *Iranian Journal of Obstetrics, Gynecology and Infertility*, 2019, 21(11), pp. 52–60, 8
93. Nosrati-Oskouie, M., Safarian, M., Yuzbashian, E., **Hedayati M.** ...Mirmiran, P., Khalaj, A. The association of omentin gene expression in visceral and subcutaneous adipose tissues with plasma fatty acids profile and dietary fatty acids. *Iranian Journal of Endocrinology and Metabolism*, 2019, 21(3), pp. 123–137
92. Hasan Parsa Shokooh, Marziyeh Saghebjooh, Samad Nazemi, **Mehdi Hedayati.** The Effect of Continuous and Interval Endurance Training on Superoxide Dismutase and Catalase activity in sensory roots of spinal cord in Diabetic Neuropathic Rats. *Sabzehtar Medical University*, 2019, 25, 5, 669-677.

91. Nakhayi H, Nazarali P, Hanachi P, **Hedayati M**. Effects of aerobic training and Cinnamon zeylanicum taking on some risk factors of cardiovascular women. *Journal of Applied Biology*, Volume 32, Issue 1, Spring 2019, 174-188.
90. Samane Saleh, Masoumeh Nejadali, **Mehdi Hedayati**. Association of Adiponectin rs1501299 Gene Polymorphism with Adiponectin Levels and Type 2 Diabetes in an Iranian Population. *Qom Univ Med Sci J*, 2019;13(2):39-48.
89. Norasti F, Zarif Yeganeh M, Sheikholeslami S, Hoghooghi Rad L, Golab Ghadaksaz H, **Hedayati M***. Plasma levels of omentin in patients with medullary thyroid carcinoma. *Koomesh*, 2019, 212, 1, 83-86.
88. Rostami H, Tavakoli HR, Yuzbashian E, Zarkesh M, Aghayan M, **Hedayati M**, Forouzanfar R, Mirmiran P, Khalaj A. The Association of Dietary Fat Sources with Leptin Gene Expression from Visceral and Subcutaneous Adipose Tissues among Tehranian Adults. *Iranian Journal of Endocrinology and Metabolism*, 2018, 20, 4, 160-168.
87. Rabiee S, Nezhadali M, **Hedayati M**, Association of Adiponectin Gene Rs2241766 Polymorphism With Non-Alcoholic Fatty Liver Disease in An Iranian Population. *Armaghan-e-Danesh*, 2018, 23, 4, 476-487.
86. Parsa Shokooch H, Saghebjoor M, **Hedayati M**. The effect of continuous and interval Endurance training on SOD and Catalase activity in sensory roots of spinal cord in diabetic neuropathic Rats. *Journal of Sabzeval University of Medical sciences*, 2018, 25, 5, 669-677.
85. Shakiba E, Movahedi M, Majd A, **Hedayati M**. Genetic and epigenetic alteration in **thyroid cancer**: Review article. *Tehran University Medical Journal*. 2018;75(12):849-59.
84. Razavi SA, Modarressi MH, Yaghmaei P, **Hedayati M**. A review on the molecular pathology of epithelial **thyroid tumors**. *Journal of Isfahan Medical School*. 2018;36(492):964-74.
83. Yeganeh M, Kabiri S, Sheikholeslami S, Hesanmanesh H, **Hedayati M**. Germline mutation of RET proto-oncogene's exons 17 and 18 in Iranian medullary **thyroid carcinoma** patients. *Tehran University Medical Journal*. 2017;74(12):852-60
82. Nozhat Z, **Hedayati M**, Azizi F. Metabolomics and **thyroid cancers**: New approaches for biomarkers discovery. *Iranian Journal of Endocrinology and Metabolism*. 2017;19(3):133-43.

81. Ehyayi S, **Hedayati M**, Yeganeh MZ, Sheikholeslami S, Amini SA. Plasma levels of calcitonin in medullary **thyroid carcinoma** patients with and without the RET proto-oncogene mutations in exons 10 and 11. Tehran University Medical Journal. 2017;75(6):424-9.
80. Ahmaripour N, **Hedayati M**, Riyazi GH. Status of serum resistin and C - Reactive protein in medullary **thyroid carcinoma**: A potential diagnostic marker. Iranian Journal of Endocrinology and Metabolism. 2017;18(5):343-50.
79. Yaghoubi A, Saghebjo M, Fallah-Mohammadi Z, **Hedayati M**, Moghaddam AH. Effects of eight weeks aerobic training on levels of amyloid β 42, neprilysin and γ -secretase in the hippocampus of male rat alzheimer's model by homocysteine injection. Koomesh. 2016;17(4):996-1005.
78. Ramezani M, **Hedayati M**, Asl SH, Tabatabaei M, Mazani M, Nasiri S. Association of vitamin D levels and receptor gene polymorphisms with medullary **thyroid cancer**. Tehran University Medical Journal. 2016;74(4):274-81.
77. Hesanmanesh H, Yeganeh MZ, Sheikholeslami S, Farhud D, **Hedayati M**. Germline mutations of RET proto-oncogene exon 2 in Iranian population with medullary **thyroid carcinoma**. Koomesh. 2016;17(3):636-42.
76. Bandarian F, Daneshpour MS, **Hedayati M**, Naseri M, Azizi F. Identification of sequence variation in the apolipoprotein A2 gene and their relationship with serum high-density lipoprotein cholesterol levels. Iranian Biomedical Journal. 2016;20(2):84-90.
75. Nozhat Z, Azizi F, **Hedayati M**. A review on molecular biomarkers of **thyroid carcinoma**. Journal of Mazandaran University of Medical Sciences. 2015;25(125):154-70.
74. **Hedayati M**, Zarif Yeganeh M, Sheikholeslami S, Daneshpour M, Azizi F. Medullary **thyroid cancer** screening using the ret proto oncogene genetic marker. Iranian Journal of Endocrinology and Metabolism. 2015;17(2):157-70.
73. Ghadaksaz HG, Ashkezari MD, **Hedayati M**. Germline mutation of exon 19 of RET proto-oncogene in an Iranian population with medullary **thyroid cancer**. Tehran University Medical Journal. 2015;73(6):405-12.
72. heikholeslami S, Zarif Yeganeh M, Hoghooghi Rad L, Golab Ghadaksaz H, **Hedayati M**. Haplotype frequency of G691S/S904S in the RET proto-onco-gene in patients with medullary **thyroid carcinoma**. Iranian Journal of Public Health. 2014;43(2):235-40.

71. Sheikholeslami S, Yeganeh MZ, Rad LH, Daneshpour MS, **Hedayati M**. The frequency of G691S/S904S Haplotype of RET proto-oncogene in medullary **thyroid carcinoma** patients in Iranian population. *Tehran University Medical Journal*. 2014;72(8):526-32.
70. Lotfi J, Taghikhani M, Yeganeh MZ, Sheikholeslami S, **Hedayati M**. Plasma levels of osteocalcin and retinol binding protein-4 in patients with medullary **thyroid carcinoma**. *Tehran University Medical Journal*. 2014;72(1):22-6.
69. Lotfi J, Taghikhani M, Yeganeh MZ, Sheikholeslami S, **Hedayati M**. Single nucleotide polymorphism of rs1800247 in promoter region of osteocalcin gene in patients with medullary **thyroid carcinoma**. *Journal of Isfahan Medical School*. 2014;32(276).
68. Pordal AH, Hajmiresmail SJ, Assadpoor-Piranfar M, **Hedayati M**, Ajami M. Plasma oxysterol level in patients with coronary artery stenosis and its changes in response to the treatment with atorvastatin. *Medical Journal of the Islamic Republic of Iran*. 2015;29.
67. Nozhat Z, **Hedayati M**, Bozorgghalati F, Azizi F. Ethical guidelines and considerations in medical genetic researches. *Iranian Journal of Endocrinology and Metabolism*. 2015;16(6):448-56.
66. Nozhat Z, **Hedayati M**. In situ hybridization; principles and applications: Review article. *Tehran University Medical Journal*. 2015;73(3):143-57.
65. Naseri M, **Hedayati M**, Daneshpour MS, Bandarian F, Azizi F. Association of lecithin cholesterol acyltransferase rs5923 polymorphism in Iranian individuals with extremely low high- density lipoprotein cholesterol: Tehran lipid and glucose study. *Iranian Biomedical Journal*. 2015;19(3):172-6.
64. Naseri M, **Hedayati M**, Daneshpour M, Bandarian F, Azizi F. A comparison of lecithin cholesterol acyltransferase gene variation among individuals with high and low HDL levels in Tehran Lipid And Glucose Study (TLGS). *Iranian Journal of Endocrinology and Metabolism*. 2015;17(3):206-14.
63. Hosseini-Esfahani F, Daneshpour M, **Hedayati M**, Mirmiran P, Mehrabi Y, Azizi F. Interaction of APOC3 polymorphism and dietary fats on the risk of metabolic syndrome. *Iranian Journal of Endocrinology and Metabolism*. 2015;16(5).

62. Hadi S, Mirmiran P, Hosseinpour-Niazi S, **Hedayati M**, Azizi F. Effect of nigella sativa oil extract on lipid profiles in type 2 diabetic patients: A randomized, double blind, placebo-controlled clinical trial. *Iranian Journal of Endocrinology and Metabolism*. 2015;16(6):411-8.
61. Fallah Noroozinejad E, Hosseinpour-Niazi S, Mirmiran P, **Hedayati M**, Delshad H. Effect of legumes intake on the oxidative stress markers in type 2 diabetes patients: A randomized cross-over study. *Iranian Journal of Endocrinology and Metabolism*. 2015;16(5).
60. Asadi MR, Torkaman G, Mohajeri-Tehrani MR, **Hedayati M**. Effects of electrical stimulation on the management of ischemic diabetic foot ulcers. *Journal of Babol University of Medical Sciences*. 2015;17(7):7-14.
59. Aidi H, Saghebjo M, **Hedayati M**, Ilbeigi S. The response of serum level of vascular endothelial growth factor of two types of swimming exercise in hypoxic condition in young men. *Scientific Journal of Kurdistan University of Medical Sciences*. 2015;20(3):10-22.
58. Zarekar M, Saghebjo M, Foadodini M, **Hedayati M**. Combined effect of aerobic training and pistacia atlantica extract on GLUT-4 protein expression and muscle glycogen in diabetic rats. *Iranian Journal of Endocrinology and Metabolism*. 2014;16(4):245-53.
57. Tavassoli H, Tofighi A, Hossein Panah F, **Hedayati M**. The effect of one cycle circuit resistance training on plasma acylated ghrelin, insulin and growth hormone in overweight 17-19- year old males. *Journal of Zanzan University of Medical Sciences and Health Services*. 2014;22(93):38-48.
56. Tavassoli H, Tofighi A, Hossein Panah F, **Hedayati M**. Appetite and exercise; influence of 12 weeks of circuit resistance training on the nesfatin-1 to Acylated Ghrelin ratio of plasma in overweight adolescents. *Iranian Journal of Endocrinology and Metabolism*. 2014;15(6):519-26.
55. Taghian F, Zolfaghari M, **Hedayati M**. Effects of aerobic exercise on serum retinol binding protein4, insulin resistance and blood lipids in obese women. *Iranian Journal of Public Health*. 2014;43(5):658-65.
54. Soheilian Khorzoghi M, Khanafari A, **Hedayati M**, Faam B. Association of consuming probiotic yoghurt consumption with changes in thyroid hormones and weight in male Wistar rats. *Iranian Journal of Endocrinology and Metabolism*. 2014;15(5):430-4.
53. Sirjani M, Taleban FA, Hekmatdoost A, Amiri Z, Pellizzon M, **Hedayati M**, et al. The effects of high fat, low carbohydrate and low fat, high carbohydrate diets on tumor necrosis factor

- superfamily proteins and proinflammatory cytokines in C57Bl/6 mice. Iranian Journal of Allergy, Asthma and Immunology. 2014;13(4):247-55.
52. Sharifi MA, Kohram H, Shahneh AZ, Zolfagharian H, Kiasari BA, **Hedayati M**. Production and purification of equine chorionic gonadotropin hormone using polyclonal antibody. Iranian Journal of Biotechnology. 2014;12(1).
51. Rezaee Zavareh E, **Hedayati M**, Hoghooghi Rad L, Shahhosseini S, Faizi M, Tabatabai SA. Design, synthesis and biological evaluation of 4-benzamidobenzoic acid hydrazide derivatives as novel soluble epoxide hydrolase inhibitors. Iranian Journal of Pharmaceutical Research. 2014;13(SUPPL):51-9.
50. Mobasser M, Roshanravan N, Mesri Alamdari N, Ostadrahimi A, Asghari Jafarabadi M, Anari F, et al. Urinary and milk iodine status in neonates and their mothers during congenital hypothyroidism screening program in Eastern Azerbaijan: A pilot study. Iranian Journal of Public Health. 2014;43(10):1380-4.
49. Khazan M, **Hedayati M**, Kobarfard F, Askari S, Azizi F. Identification and determination of synthetic pharmaceuticals as adulterants in eight common herbal weight loss supplements. Iranian Red Crescent Medical Journal. 2014;16(3).
48. Haghshenas R, Jafari M, Ravasi A, Kordi M, Gilani N, Shariatzadeh M, et al. The effect of eight weeks endurance training and high-fat diet on appetite-regulating hormones in rat plasma. Iranian Journal of Basic Medical Sciences. 2014;17(4):237-43.
47. Ghazi AA, Bagheri M, Tabibi A, Sarvghadi F, Abdi H, **Hedayati M**, et al. Multiple endocrine neoplasia type 2A in an Iranian family: Clinical and genetic studies. Archives of Iranian Medicine. 2014;17(5):378-82.
46. Ghasemnian A, Kordi MR, Ghaeini A, Ghorbanian B, **Hedayati M**. Changes of plasma visfatin and insulin resistance in overweight and obese non-athlete adolescents following an eight-week-endurance rope training. Journal of Zanzan University of Medical Sciences and Health Services. 2014;22(94):11-21.
45. Faam B, Zarkesh M, Daneshpour MS, Azizi F, **Hedayati M**. The association between inflammatory markers and obesity-related factors in Tehranian adults: Tehran lipid and glucose study. Iranian Journal of Basic Medical Sciences. 2014;17(8):577-82.

44. Ehsandar S, Zarkesh M, Daneshpour M, Bandehpour M, Azizi F, **Hedayati M**. Prevalence of human adenovirus 36 and its association with overweight/obese and lipid profiles in the tehran lipid and glucose study. *Iranian Journal of Endocrinology and Metabolism*. 2014;16(2):88-94.
43. Zolfaghary M, Taghian F, **Hedayati M**. The effects of green tea extract consumption, aerobic exercise and a combination of these on chemerin levels and insulin resistance in obese women. *Iranian Journal of Endocrinology and Metabolism*. 2013;15(3):253-61.
42. Zadeh Vakili A, Faam A, Daneshpour M, **Hedayati M**, Azizi F. Association of rs10499859 A>G and rs13246513 C>T variants of CD36 gene and metabolic syndrome: TLGS. *Iranian Journal of Endocrinology and Metabolism*. 2013;15(1):86-93.
41. Nourshahi M, **Hedayati M**, Gholamali M. Relationship between plasma myostatin with muscular volume and muscular maximal strength and its response to acute resistance exercise in the elderly. *Koomesh*. 2013;15(1):102-9.
40. Nazem M, Emami Seied A, Yaghmaei B, Shekarriz R, **Hedayati M**. Serum level of adiponectin in subclinical hypothyroid and hyperthyroid subjects. *Iranian Journal of Endocrinology and Metabolism*. 2013;15(3).
39. Kariman N, Afrakhte M, **Hedayati M**, Fallahian M, Alavi Majd H. Diagnosis of premature rupture of membranes by assessment of urea and creatinine in vaginal washing fluid. *Iranian Journal of Reproductive Medicine*. 2013;11(2):93-100.
38. Gorgian Mohammadi M, **Hedayati M**, Zarghami N, Ghaemmaghami S, Mohaddes M. Adipocyte derived hormones gene expression, resistin and visfatin, in AGS gastric cancer cell line. *Iranian Journal of Cancer Prevention*. 2013;6(3):165-9.
37. Faghieh S, **Hedayati M**, Abadi A, Kimiagar M. Comparing the effects of cow's milk, and calcium supplementation on components of the metabolic syndrome in overweight or obese women. *Iranian Journal of Endocrinology and Metabolism*. 2013;14(5).
36. Emami SA, Nazem Mohammad R, Yaghmaei B, Pourzardosht N, Shekarriz R, **Hedayati M**. Association of serum obestatin concentration with hypothyroidism and hyperthyroidism. *Iranian Journal of Endocrinology and Metabolism*. 2013;15(2):152-7.
35. Zarif-Yeganeh M, Sheikholeslami S, Dehbashi-Behbahani G, Farashi S, Hoghooghi-Rad L, Azizi F, **Hedayati M**. Point mutations in ret proto-oncogene exon 10 in patients with medullary thyroid carcinoma. *Journal of Kerman University of Medical Sciences*. 2015;22(3):249-60.

34. Pordal AH, Hajmiresmail SJ, Assadpoor-Piranfar M, **Hedayati M**, Ajami M. Plasma oxysterol level in patients with coronary artery stenosis and its changes in response to the treatment with atorvastatin. *Medical Journal of the Islamic Republic of Iran*. 2015;29.
33. Nozhat Z, **Hedayati M**, Bozorgghalati F, Azizi F. Ethical guidelines and considerations in medical genetic researches. *Iranian Journal of Endocrinology and Metabolism*. 2015;16(6):448-56.
32. Nozhat Z, **Hedayati M**. In situ hybridization; principles and applications: Review article. *Tehran University Medical Journal*. 2015;73(3):143-57.
31. Naseri M, **Hedayati M**, Daneshpour MS, Bandarian F, Azizi F. Association of lecithin cholesterol acyltransferase rs5923 polymorphism in Iranian individuals with extremely low high-density lipoprotein cholesterol: Tehran lipid and glucose study. *Iranian Biomedical Journal*. 2015;19(3):172-6.
30. Naseri M, **Hedayati M**, Daneshpour M, Bandarian F, Azizi F. A comparison of lecithin cholesterol acyltransferase gene variation among individuals with high and low HDL levels in Tehran Lipid And Glucose Study (TLGS). *Iranian Journal of Endocrinology and Metabolism*. 2015;17(3):206-14.
29. Hosseini-Esfahani F, Daneshpour M, **Hedayati M**, Mirmiran P, Mehrabi Y, Azizi F. Interaction of APOC3 polymorphism and dietary fats on the risk of metabolic syndrome. *Iranian Journal of Endocrinology and Metabolism*. 2015;16(5).
28. Hadi S, Mirmiran P, Hosseinpour-Niazi S, **Hedayati M**, Azizi F. Effect of nigella sativa oil extract on lipid profiles in type 2 diabetic patients: A randomized, double blind, placebo-controlled clinical trial. *Iranian Journal of Endocrinology and Metabolism*. 2015;16(6):411-8.
27. Fallah Noroozinejad E, Hosseinpour-Niazi S, Mirmiran P, **Hedayati M**, Delshad H. Effect of legumes intake on the oxidative stress markers in type 2 diabetes patients: A randomized cross-over study. *Iranian Journal of Endocrinology and Metabolism*. 2015;16(5).
26. Asadi MR, Torkaman G, Mohajeri-Tehrani MR, **Hedayati M**. Effects of electrical stimulation on the management of ischemic diabetic foot ulcers. *Journal of Babol University of Medical Sciences*. 2015;17(7):7-14.

25. Aidi H, Saghebjo M, **Hedayati M**, Ilbeigi S. The response of serum level of vascular endothelial growth factor of two types of swimming exercise in hypoxic condition in young men. *Scientific Journal of Kurdistan University of Medical Sciences*. 2015;20(3):10-22.
24. Zarekar M, Saghebjo M, Foadodini M, **Hedayati M**. Combined effect of aerobic training and pistacia atlantica extract on GLUT-4 protein expression and muscle glycogen in diabetic rats. *Iranian Journal of Endocrinology and Metabolism*. 2014;16(4):245-53.
23. Tavassoli H, Tofighi A, Hossein Panah F, **Hedayati M**. The effect of one cycle circuit resistance training on plasma acylated ghrelin, insulin and growth hormone in overweight 17-19- year old males. *Journal of Zanjan University of Medical Sciences and Health Services*. 2014;22(93):38-48.
22. Tavassoli H, Tofighi A, Hossein Panah F, **Hedayati M**. Appetite and exercise; influence of 12 weeks of circuit resistance training on the nesfatin-1 to Acylated Ghrelin ratio of plasma in overweight adolescents. *Iranian Journal of Endocrinology and Metabolism*. 2014;15(6):519-26.
21. Taghian F, Zolfaghari M, **Hedayati M**. Effects of aerobic exercise on serum retinol binding protein4, insulin resistance and blood lipids in obese women. *Iranian Journal of Public Health*. 2014;43(5):658-65.
20. Soheilian Khorzoghi M, Khanafari A, **Hedayati M**, Faam B. Association of consuming probiotic yoghurt consumption with changes in thyroid hormones and weight in male Wistar rats. *Iranian Journal of Endocrinology and Metabolism*. 2014;15(5):430-4.
19. Sirjani M, Taleban FA, Hekmatdoost A, Amiri Z, Pellizzon M, **Hedayati M**, et al. The effects of high fat, low carbohydrate and low fat, high carbohydrate diets on tumor necrosis factor superfamily proteins and proinflammatory cytokines in C57Bl/6 mice. *Iranian Journal of Allergy, Asthma and Immunology*. 2014;13(4):247-55.
18. Sharifi MA, Kohram H, Shahneh AZ, Zolfagharian H, Kiasari BA, **Hedayati M**. Production and purification of equine chorionic gonadotropin hormone using polyclonal antibody. *Iranian Journal of Biotechnology*. 2014;12(1).
17. Rezaee Zavareh E, **Hedayati M**, Hoghooghi Rad L, Shahhosseini S, Faizi M, Tabatabai SA. Design, synthesis and biological evaluation of 4-benzamidobenzoic acid hydrazide derivatives as novel soluble epoxide hydrolase inhibitors. *Iranian Journal of Pharmaceutical Research*. 2014;13(SUPPL):51-9.

16. Mobasser M, Roshanravan N, Mesri Alamdari N, Ostadrahimi A, Asghari Jafarabadi M, Anari F, et al. Urinary and milk iodine status in neonates and their mothers during congenital hypothyroidism screening program in Eastern Azerbaijan: A pilot study. *Iranian Journal of Public Health*. 2014;43(10):1380-4.
15. Khazan M, **Hedayati M**, Kobarfard F, Askari S, Azizi F. Identification and determination of synthetic pharmaceuticals as adulterants in eight common herbal weight loss supplements. *Iranian Red Crescent Medical Journal*. 2014;16(3).
14. Haghshenas R, Jafari M, Ravasi A, Kordi M, Gilani N, Shariatzadeh M, et al. The effect of eight weeks endurance training and high-fat diet on appetite-regulating hormones in rat plasma. *Iranian Journal of Basic Medical Sciences*. 2014;17(4):237-43.
13. Ghazi AA, Bagheri M, Tabibi A, Sarvghadi F, Abdi H, **Hedayati M**, et al. Multiple endocrine neoplasia type 2A in an Iranian family: Clinical and genetic studies. *Archives of Iranian Medicine*. 2014;17(5):378-82.
12. Ghasemnian A, Kordi MR, Ghaeini A, Ghorbanian B, **Hedayati M**. Changes of plasma visfatin and insulin resistance in overweight and obese non-athlete adolescents following an eight-week-endurance rope training. *Journal of Zanjan University of Medical Sciences and Health Services*. 2014;22(94):11-21.
11. Faam B, Zarkesh M, Daneshpour MS, Azizi F, **Hedayati M**. The association between inflammatory markers and obesity-related factors in Tehranian adults: Tehran lipid and glucose study. *Iranian Journal of Basic Medical Sciences*. 2014;17(8):577-82.
10. Ehsandar S, Zarkesh M, Daneshpour M, Bandehpour M, Azizi F, **Hedayati M**. Prevalence of human adenovirus 36 and its association with overweight/obese and lipid profiles in the tehran lipid and glucose study. *Iranian Journal of Endocrinology and Metabolism*. 2014;16(2):88-94.
9. Zolfaghary M, Taghian F, **Hedayati M**. The effects of green tea extract consumption, aerobic exercise and a combination of these on chemerin levels and insulin resistance in obese women. *Iranian Journal of Endocrinology and Metabolism*. 2013;15(3):253-61.
8. Zadeh Vakili A, Faam A, Daneshpour M, **Hedayati M**, Azizi F. Association of rs10499859 A>G and rs13246513 C>T variants of CD36 gene and metabolic syndrome: TLGS. *Iranian Journal of Endocrinology and Metabolism*. 2013;15(1):86-93.

7. Nourshahi M, **Hedayati M**, Gholamali M. Relationship between plasma myostatin with muscular volume and muscular maximal strength and it's response to acute resistance exercise in the elderly. *Koomesh*. 2013;15(1):102-9.
6. Nazem M, Emami Seied A, Yaghmaei B, Shekarriz R, **Hedayati M**. Serum level of adiponectin in subclinical hypothyroid and hyperthyroid subjects. *Iranian Journal of Endocrinology and Metabolism*. 2013;15(3).
5. Kariman N, Afrakhte M, **Hedayati M**, Fallahian M, Alavi Majd H. Diagnosis of premature rupture of membranes by assessment of urea and creatinine in vaginal washing fluid. *Iranian Journal of Reproductive Medicine*. 2013;11(2):93-100.
4. Gorgian Mohammadi M, **Hedayati M**, Zarghami N, Ghaemmaghami S, Mohaddes M. Adipocyte derived hormones gene expression, resistin and visfatin, in AGS gastric cancer cell line. *Iranian Journal of Cancer Prevention*. 2013;6(3):165-9.
3. Faghih S, **Hedayati M**, Abadi A, Kimiagar M. Comparing the effects of cow's milk, and calcium supplementation on components of the metabolic syndrome in overweight or obese women. *Iranian Journal of Endocrinology and Metabolism*. 2013;14(5).
2. Emami SA, Nazem Mohammad R, Yaghmaei B, Pourzardosht N, Shekarriz R, **Hedayati M**. Association of serum obestatin concentration with hypothyroidism and hyperthyroidism. *Iranian Journal of Endocrinology and Metabolism*. 2013;15(2):152-7.
1. Habibian M, Peeri M, Azarbayjani MA, **Hedayati M**. Protective effect of aerobic exercise against some of proinflammatory cytokines-induced chronic nitric oxide synthase inhibition in renal tissue rats. *Journal of Babol University of Medical Sciences*. 2013;15(1):30-7.