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Degrees

➤ **Doctor of Pharmacy (Pharm.D) 2008**

Mashhad University of Medical Sciences, Mashahd, Iran

Thesis: “An investigation of serum antibody titres to heat shock protein 27 (anti-Hsp27) as a biomarker for the detection of acute coronary syndrome.”

➤ **Ph.D of Pharmaceutical Biotechnology**

Mashhad University of Medical Sciences, Mashahd, Iran

Thesis: “Preparation and evaluation of nanoliposomes conjugated with apolipoprotein B-100 antibodies as a therapeutic option for serum LDL reduction.”

Honors and Awards

- Member of Iran National Elite Foundation.
- Second level award from Iran National Elite Foundation.
- Winner and first-rank of the 17th national Razi Research Festival on Medical Sciences [health sciences and nutrition section (students), 2010]. This prize is conferred by the country's senior officials such as **president** and health minister of the country.
- Being awarded as one of the Iranian best students of the year, 2008. This prize is conferred by the country's senior officials such as **president**, first vice-president and ministers.
- First rank graduate student of Pharmacy in the Mashhad University of Medical Sciences, 2007.
- Winner of the gold medal and first rank Ph.D student of the year (medical section) in the Razavi-Khorasan province. Research week festival is held by the Governor of the province, 2010.
- Awarded young researcher by the Islamic Educational, Scientific and Cultural Organization (ISESCO).
- First rank Ph.D student of the year (medical section) in the Razavi-Khorasan province. Research week festival is held by the Governor of the province, 2011.
- Honored researcher of the year 2008 (Undergraduate students section) in the Mashhad University of Medical Sciences.
- First-rank researcher of the year 2011 (Postgraduate students section) in the Mashhad University of Medical Sciences.
- Winner of the travel grant award, World Congress of Cardiology, 2012.
- Provincial and national research awards in 2008 and 2009.

- First rank Ph.D student of the School of Pharmacy of the Mashhad University of Medical Sciences, 2009.
- First rank Ph.D student of the School of Pharmacy of the Mashhad University of Medical Sciences, 20110.
- First rank Ph.D student of the School of Pharmacy of the Mashhad University of Medical Sciences, 2011.
- First rank Ph.D student of the School of Pharmacy of the Mashhad University of Medical Sciences, 2012.
- Awarded Ph.D student of the School of Pharmacy of the Mashhad University of Medical Sciences for the highest quality article of the year (Research week, 2012)
- Rank 8th of the country in the comprehensive basic sciences exam of pharmacy students, 2005.
- Collaboration (as the primary colleague) in the awarded research project in the 14th national Razi Research Festival in Medical Sciences (health sciences and nutrition section, 2008).
- Rank 7th of the country in the 16th national Razi Research Festival on Medical Sciences [Pharmacology section (students), 2010]
- Member of the Islamic World Young Scientists Academy (IYSA).
- Best oral presentation at the first national congress of "Medicine and Dedication", Mashhad, Iran. 2012.
- First rank in the national "Holy Quran" contest of the Iran medical universities: Research section. 2013.
- Awarded for the Featured article in the "Holy Quran" contest of the Mashhad University of Medical Sciences, Mashhad, Iran. 2013.
- Outstanding researcher of the Mashhad University of Medical Sciences, Mashhad, Iran. 2013.

Working Experiences

- Technical responsible pharmacist in different pharmacies of Mashhad, 2006-2007.
- Member of the Biotechnology Research Center, Mashhad University of Medical Sciences, Mashhad, Iran.
- Member of the Cardiovascular Research Center, Mashhad University of Medical Sciences, Mashhad, Iran.
- Member of the Neurogenic Inflammation Research Center, Mashhad University of Medical Sciences, Mashhad, Iran.

Research Interests

- Clinical science (in particular in the fields of cardiovascular disease and nutrition)
- Management of lipid disorders
- Medicinal properties of natural products
- Nanoliposomes in medicine

Reviewer

- Iranian Journal of Basic Medical Sciences
- Integrative Cancer Therapies
- Pharmaceutical Biology
- Phytotherapy Research
- Natural Products Research
- Evidence-Based Complementary and Alternative Medicine
- Applied Physiology, Nutrition, and Metabolism
- Avicenna Journal of Phytomedicine

- Italian Journal of Pediatrics

Editor

- World Journal of Translational Medicine

Selected abstracts published in Congress Abstract Books

- Ghayour-Mobarhan M, Sahebkar A, Parizadeh SMR, Moohebbati M, Tavallaie S, Kazemi-Bajestani SMR, Esmaili H, Ferns GAA. Antibody titres to heat shock protein 27 are elevated in patients with acute coronary syndrome. Abstract book of the 77th Congress of the European Atherosclerosis Society, April 26-29, 2008, Istanbul, Turkey. (It was published in the Atherosclerosis supplement journal, Volume 9/1, May 2008).
- Ghayour-Mobarhan M, Vakili R, Safarian M, Nematy M, Lotfian E, Khorashadizadeh M, Tavallaie S, Sahebkar A, Ferns GAA. Investigation of the effect of high dairy diet on body mass index and body fat in overweight and obese children. Abstract book of the 1st Iranian Congress of Metabolic Syndrome, June 13-14, 2008, Tabriz, Iran.
- Ghayour-Mobarhan M, Sahebkar A, Starkey BJ, Livingstone C, Wang T, Lamb DJ, Ferns GAA (2008). Investigation of the Effects of statin therapy on serum vitamin E

status in patients with dyslipidemia. Abstract book of the 18th Iranian Congress of Physiology and Pharmacology, August 26-30, 2007, Mashhad, Iran.

- Rahsepar A, Ghayour-Mobarhan M, Sahebkar A, Parizadeh SMR, Moohebbati M, Tavallaie S, Kazemi-Bajestani SMR and Ferns G. Antibody titres to heat shock protein 27 are elevated in patients with acute coronary syndrome. Abstract book of the 16th Congress of Iranian Heart Association, November 18-21, 2008, Tehran, Iran.
- Parizadeh SMR, Ghayour-Mobarhan M, Hamidi Alamdari D, Moohebbati M, Sahebkar A, Nematy M, Azimi-Nezhad M, Tavallaie S, Koliakos G, Ferns G. Determination of prooxidant-antioxidant balance after acute coronary syndrome using a rapid assay: a pilot study. Abstracts of the 10th Iranian congress of biochemistry and 3rd international congress of biochemistry and molecular biology. Tehran, Iran, November 16-19, 2009.

- Tavallaie SH, Ghayour-Mobarhan M, Sahebkar A, Parizadeh SMR, Moohebbati M, Ferns GAA. Antibody titers to heat shock protein 27 are elevated in patients with acute coronary syndrome. Abstracts of the 10th Iranian congress of biochemistry and 3rd international congress of biochemistry and molecular biology. Tehran, Iran, November 16-19, 2009.
- Ferns G, Ghayour-Mobarhan M, Sahebkar A, Famili A. Investigation of the Effects of statin therapy on serum vitamin E status in patients with dyslipidemia. Abstract book of the 18th Iranian Congress of Physiology and Pharmacology, August 26-30, 2007, Mashhad, Iran.
- Sahebkar Amirhossein, Panahi Yunes, Beiraghdar Fatemeh, Amiri Mojtaba, Madanchi Nima, Investigation of the effects of interferon- γ on serum interleukins-4 and 6, disease severity and quality of life in patients with atopic dermatitis, Clinical Biochemistry, Volume 44, Issue 13, Supplement, September 2011, Page S152.
- Sahebkar Amirhossein, Ghayour-Mobarhan Majid, Pourghadamyari Hossein, Moohebbati Mohsen, Parizadeh Seyyed Mohammad Reza, Tavallaie Shima, Paydar Roghayeh, Ferns Gordon, Association of serum antibody titers against heat shock protein 27 and prooxidant-antioxidant balance with the severity of coronary artery disease and metabolic syndrome, Clinical Biochemistry, Volume 44, Issue 13, Supplement, September 2011, Pages S51-S52.
- Amirhossein Sahebkar, Yunes Panahi, Ebrahim Ghamarchehreh Mohammad, Fatemeh beiraghdar, M. Zare, Reza Jalalian Hamid, Ehsan Abolhasani, Investigation of the effects of Chlorella vulgaris supplementation in patients with non-alcoholic fatty liver disease: A

- randomized clinical trial, *Clinical Biochemistry*, Volume 44, Issue 13, Supplement, September 2011, Pages S113-S114.
- Amirhossein Sahebkar, Yunes Panahi, Hamid Reza Jalalian, Bahram Pishgoo, Elaheh Mohammadi, Ehsan Abolhasani, Investigation of the effects of *Chlorella vulgaris* as an adjunctive therapy for dyslipidemia: Results of a randomized open-label clinical trial, *Clinical Biochemistry*, Volume 44, Issue 13, Supplement, September 2011, Pages S338-S339.
 - Amirhossein Sahebkar, Yunes Panahi, Mojtaba Amiri, Seyyed Masoud Davoudi, Fatemeh Beiraghdar, Seyyede Leila Hoseininejad, Marjan Kolivand, Promising improvement of sulfur mustard-induced chronic pruritus, quality of life and antioxidant status by curcumin: Results of a randomized double-blind placebo-controlled trial, *Clinical Biochemistry*, Volume 44, Issue 13, Supplement, September 2011, Page S338.
 - Akram Mohamadi, Amir Hosein Sahebkar, Mehrdad Iranshahi, Saeed Akhlaghi, Majid Ghayour Mobarhan, Curcumin effects on blood lipid profile in obese individuals, *Clinical Biochemistry*, Volume 44, Issue 13, Supplement, September 2011, Page S239.
 - Akram Assali, Ghayour-Mobarhan Majid, Sahebkar Amirhossein, Moohebat Mohsen, Paydar Roghayeh, Tavallaie Shima, A. Ferns Gordon, Behravan Javad, Angiotensin II type 1 receptor polymorphism: response to prevalence of metabolic syndrome by the adult treatment panel III and international diabetes federation in coronary artery disease and diabetes patients, *Clinical Biochemistry*, Volume 44, Issue 13, Supplement, September 2011, Page S3.
 - Akram Assali, Majid Ghayour-Mobarhan, Amirhossein Sahebkar, Mohsen Moohebat, Roghayeh Paydar, Shima Tavallaie, Gordon A. Ferns, Javad Behravan, Association of

angiotensin II type 1 receptor gene A1166C polymorphism with the presence of diabetes mellitus in patients with documented coronary artery disease, *Clinical Biochemistry*, Volume 44, Issue 13, Supplement, September 2011, Page S3.

- Davoud Salar Bashi, Fazly Bazzaz Rezaei, Amirhossein Sahebkar, Mohamad Mahdi Karimkhani, Abbas Ahmadi, Investigation of biological activities of *Achillea biebersteinii* and *A. wilhelmsii* extracts, *Clinical Biochemistry*, Volume 44, Issue 13, Supplement, September 2011, Page S354.
- Davoud Salar Bashi, Bibi Sedigheh Fazly Bazzaz, Amirhossein Sahebkar, Mohamad Mahdi Karimkhani, Abbas Ahmadi, Antioxidant and antimicrobial activities of yarrow (*Achillea biebersteinii* and *A. wilhelmsii*) extract obtained by ultrasound-assisted extraction method, *Clinical Biochemistry*, Volume 44, Issue 13, Supplement, September 2011, Page S354.
- Hossein Pourghadamyari, Reza Parizadeh Seyed Mohammad, Shima Tavallaie, Amirhossein Sahebkar, Roghayeh Paydar, Majid Ghayour Mobarhan, Reza karami, Evaluating cardiovascular risk factors among type 2 diabetic and healthy populace, *Clinical Biochemistry*, Volume 44, Issue 13, Supplement, September 2011, Pages S138-S139.
- Barzegar Amini Maral, Mouhebati Mohsen, Ghayour-Mobarhan Majid, Azarpazhooh Mohammad-Reza, Sahebkar Amir-Hosein, Hassanzade-Daloei Mahdi, Momenzade Akram, Tavallaei Shima, Rahsepar Amir-Ali, Khojasteh-Taheri Roshanak, Simvastatin therapy reduces prooxidant–antioxidant balance and heat shock protein 60, 65, and 70 antibody titers: Results of a placebo-controlled cross-over trial, *Clinical Biochemistry*, Volume 44, Issue 13, Supplement, September 2011, Page S179.
- Hossein Pourghadamyari, Majid Ghayour-Mobarhan, Mohammad Reza Parizadeh, Mohsen Mohebati, Amir Hossein Sahebkar, Shima Tavalaei, Roghayeh Paydar, Amir Ali Rahsepar,

- Association of pro oxidant–antioxidant balance with the severity of coronary artery disease, *Clinical Biochemistry*, Volume 44, Issue 13, Supplement, September 2011, Pages S140-S141.
- Amir Ali Rahsepar, Shima Tavallaie, Mohsen Moohebat, Fatemeh Moodi, Hamid Abdi, Pajhooh Mohamoud Reza Azar, Amir Hossein Sahebkar, Hossein Pourghadamyari, Majid Ghayour-Mobarhan, Gordon Ferns, Comparison of Anti-Heat Shock Protein 27 Antibody Levels Among Several Groups, from Childhood to Indolence, *Clinical Biochemistry*, Volume 44, Issue 13, Supplement, September 2011, Page S155.
 - Roya Aryanpour, Mohammad Reza Parizadeh, Majid Ghayour-Mobarhan, Shima Tavallaie, Mohsen Moohebat, Mahmoud Reza Azarpazhooh, Masoud Saleh Moghadam, Amirhossein Sahebkar, Maryam Mohammadi, Saeed Akhlaghi, Ineffectiveness of simvastatin therapy on serum HSP-60/65 and -70 levels in dislipidemic patients, *Clinical Biochemistry*, Volume 44, Issue 13, Supplement, September 2011, Pages S167-S168.
 - Sahebkar A, Goldouzian SR, Badiie A, Jaafari MR. A novel nanoliposomal approach for the treatment of severe hyperlipidemia. Iranian Controlled Release Congress, 2011.
 - Panahi Y, **Sahebkar A**, Dadjo Y, Pishgoo B. Investigation of the lipid-lowering effects of chlorella vulgaris extract as an adjunct to low dose atorvastatin and gemfibrozil. *Circulation*. 2012 May 15;125(19):E912-E. PubMed PMID: WOS:000307009201520.
 - **Sahebkar A**, Emami SA, Asgary S, Naderi GA, Ardekani MRS, Kasher T, Aslani S, Airin A. Antioxidant activity of essential oils from cupressus species against oxidation of LDL. *Circulation*. 2012 May 15;125(19):E912-E3. PubMed PMID: WOS:000307009201521.

- **Sahebkar A**, Rakhshankhah A, Taghipour HR, Dadjou Y, Pishgoo B, Panahi Y. Lack of Efficacy for Atorvastatin Therapy in Aortic Stenosis: A One-Year Follow-Up Trial. *Cardiovasc Ther.* 2012 Nov;30:24-. PubMed PMID: WOS:000311698200049.
- **Sahebkar A**, Badiie A, Ghayour-Mobarhan M, Goldouzian R, Jaafari MR. The use of nanoliposomes for the treatment of hyperlipidemia. The first advanced school on the molecular aspects of metabolic syndrome held by the International Union of Biochemistry and Molecular Biology. Mashhad, Iran. 2013.
- **Sahebkar A**, Ghayour-Mobarhan M, Ganjali S, Mahdipour E, Jamialahmadi K, Torabi S, Akhlaghi S, Ferns G, Parizadeh SMR. Effects of a bioavailability-boosted curcumin formulation on inflammatory mediators in patients at high cardiovascular risk. 4th Emirates Cardiac Society Congress. Dubai, Emirates. 2013.
- **Sahebkar A**, Ghayour-Mobarhan M, Moohebati M, Yazdandoost S, Mazidi M, Sharghi Shahri Z. Investigation of the Short-Term Effects of Curcumin on Circulating Lipid Indices: A Randomized Cross-Over Study. 4th Emirates Cardiac Society Congress. Dubai, Emirates. 2013.
- Panahi Y, **Sahebkar A**, Pishgoo B. A randomized comparative trial on the efficacy and safety of dorocontin[®] versus nitrocontin[®] in patients with chronic stable angina. 4th Emirates Cardiac Society Congress. Dubai, Emirates. 2013.
- Panahi Y, **Sahebkar A**. Effects of a bioavailability-improved curcuminoids on pulmonary function and oxidative stress in patients with mustard-induced chronic pulmonary disease. First World Congress for Advanced Medical Research (WORMED). Kuala Lumpur, Malaysia. 2013.

- **Sahebkar A**, Mohajer A, Ghayour-Mobarhan M. Investigation of the effects of bioavailability-enhanced curcumin on serum trace element and superoxide dismutase status. First World Congress for Advanced Medical Research (WORMED). Kuala Lumpur, Malaysia. 2013.
- Panahi Y, **Sahebkar A**. Investigation of the therapeutic effects of a combinational herbal product against benign prostate hyperplasia. 5th BBBB International Conference. Athens, Greece. 2013.
- **Sahebkar A**, Ghayour-Mobarhan M, Ganjali S, Mahdipour E, Jamialahmadi K, Torabi S, Akhlaghi S, Ferns G, Parizadeh SMR, Panahi Y, Sahebkar A. Effects of Curcuminoids Supplementation on Circulating Concentrations of Interleukins. 5th BBBB International Conference. Athens, Greece. 2013.
- **Sahebkar A**, Panahi Y, Khalili N. Beneficial effects of adjunctive therapy with bioavailability-enhanced curcumin in subjects with metabolic syndrome receiving low-dose atorvastatin: A randomized parallel-group trial. 5th BBBB International Conference. Athens, Greece. 2013.

Books and Chapters

- Sahebkar A, Tayarani-Najaran N, Tayarani-Najaran Z, Emami SA. (2012). Cancer and Its Treatment in Main Ancient Books of Islamic Iranian Traditional Medicine (7th to 14th Century AD), Alternative Medicine, Prof. Hiroshi Sakagami (Ed.), ISBN: 978-953-51-0903-7, InTech, DOI: 10.5772/55249. Available from:

<http://www.intechopen.com/books/alternative-medicine/cancer-and-its-treatment-in-main-ancient-books-of-islamic-traditional-medicine-7th-to-14th-century-a>

- Ghayour-Mobarhan M, Mohammadi SH, Shemshian M, Rahsepar AA, Mousavi N, Mouhebati M, **Sahebkar A**, Ferns GAA. Dietary Intervention for Acute Coronary Syndrome. Horizons in World Cardiovascular Research. Volume 3. ISBN: 978-1-61324-243-8 (In English)
- Ghayour-Mobarhan M, Ramezani M, Sahebkar A. A review of drug micronutrient interactions. Behnashr Publications. 2008. (translation into persian)
- Iranshahi M, Sahebkar A. Methods for the isolation of bioactive ingredients from natural extracts. Mashhad university of Medical Sciences Publications. 2010. (translation into persian)
- Sahebkar A, Ghayour-Mobarhan M. Mutual effects of medicinal herbs, drugs and supplements. Simorgh Publications. 2010. (translation into persian)

Papers

1. Alavi-Shahri J, Behravan J, Hassany M, Tatari F, Kasaian J, Ganjali R, Tavallaie S, Sabouri S, Sahebkar A, Oladi M, Mirhosseini N, Shakeri MT, Montaser-Kouhsari S, Tehrani SO, Ghayour-Mobarhan M, Visvikis-Siest S, Ferns G. Association Between Angiotensin II Type 1 Receptor Gene Polymorphism and Metabolic Syndrome in a Young

- Female Iranian Population. Arch Med Res. 2010 Jul;41(5):343-9. PubMed PMID: WOS:000282558500006.
2. Sahebkar A. Fat lowers fat: Purified phospholipids as emerging therapies for dyslipidemia. Biochim Biophys Acta. 2013 2013-Apr;1831(4):887-93. PubMed PMID: MEDLINE:23354177.
 3. Sahebkar A. Why it is necessary to translate curcumin into clinical practice for the prevention and treatment of metabolic syndrome? Biofactors. 2012 Dec 13. doi: 10.1002/biof.1062. [Epub ahead of print] PubMed PMID: 23239418.
 4. Asgary S, Sahebkar A, Afshani MR, Keshvari M, Haghjooyjavanmard S, Rafieian-Kopaei M. Clinical evaluation of blood pressure lowering, endothelial function improving, hypolipidemic and anti-inflammatory effects of pomegranate juice in hypertensive subjects. Phytotherapy Research. 2013.
 5. Sahebkar A, Mohammadi A, Atabati A, Rahiman S, Tavallaie S, Iranshahi M, et al. Curcuminoids modulate pro-oxidant-antioxidant balance but not the immune response to heat shock protein 27 and oxidized LDL in obese individuals. Phytotherapy Research. 2013.
 6. Aryanpour R, Parizadeh MR, Ghayour-Mobarhan M, Tavallaie S, Moohebat M, Azarpazhooh MR, Moghadam MS, Sahebkar A, Mohammadi M, Akhlaghi S. Ineffectiveness of simvastatin therapy on serum HSP-60/65 and -70 levels in dyslipidemic patients. Clin Biochem. 2011 Sep;44(13):S167-S8. PubMed PMID: WOS:000295437600501.
 7. Asgary S, Ghannadi A, Dashti G, Helalat A, Sahebkar A, Najafi S. Nigella sativa L. improves lipid profile and prevents atherosclerosis: Evidence from an experimental study on hypercholesterolemic rabbits. Journal of Functional Foods. 2013 Jan;5(1):228-34. PubMed PMID: WOS:000315241500028.
 8. Asgary S, Naderi GA, Ardekani MRS, Sahebkar A, Airin A, Aslani S, Kasher T, Emami SA. Chemical analysis and biological activities of Cupressus sempervirens var. horizontalis essential oils. Pharm Biol. 2013 Feb;51(2):137-44. PubMed PMID: WOS:000313676300001.

9. Asgary S, Naderi GA, Sahebkar A, Ardekani MRS, Kasher T, Aslani S, Airin A, Emami SA. Essential oils from the fruits and leaves of *Juniperus sabina* possess inhibitory activity against protein glycation and oxidative stress: an in vitro phytochemical investigation. *Journal of Essential Oil Research*. 2013 Feb 1;25(1):70-7. PubMed PMID: WOS:000314207100011.
10. Asili J, Sahebkar A, Bazzaz BSF, Sharifi S, Iranshahi M. Identification of Essential Oil Components of *Ferula badrakema* Fruits by GC-MS and C-13-NMR Methods and Evaluation of its Antimicrobial Activity. *Journal of Essential Oil Bearing Plants*. 2009 Jan-Feb;12(1):7-15. PubMed PMID: WOS:000264541500002.
11. Askari M, Sahebkar A, Iranshahi M. Synthesis and Purification of 7-Prenyloxycoumarins and Herniarin as Bioactive Natural Coumarins. *Iranian Journal of Basic Medical Sciences*. 2009 Sum;12(2):63-9. PubMed PMID: WOS:000267796600001.
12. Assali A, Behravan J, Paydar R, Mouhebati M, Hassani M, Kasaeyan J, Tatari F, Tavallaie S, Sahebkar A, Oladi M, Azimi-Nezhad M, Ghayour-Mobarhan M, Esmaeily HA, Ferns G. Association between angiotensin II type-1 receptor A1166C polymorphism and the presence of angiographically-defined coronary artery disease in an Iranian population. *Asian Biomedicine*. 2010 Apr;4(2):307-14. PubMed PMID: WOS:000278755200014.
13. Assali A, Ghayour-Mobarhan M, Sahebkar A, Hassani M, Kasaian J, Tatari F, Moohebati M, Paydar R, Oladi M, Esmaeili HA, Tavallaie S, Tehrani SO, Ferns GAA, Behravan J. Association of angiotensin II type 1 receptor gene A1166C polymorphism with the presence of diabetes mellitus and metabolic syndrome in patients with documented coronary artery disease. *Eur J Intern Med*. 2011 Jun;22(3):254-61. PubMed PMID: WOS:000290560500018.
14. Assali A, Ghayour-Mobarhan M, Sahebkar A, Moohebati M, Paydar R, Tavallaie S, Ferns GA, Behravan J. Association of angiotensin II type 1 receptor gene A1166C polymorphism with the presence of diabetes mellitus in patients with documented coronary artery disease. *Clin Biochem*. 2011 Sep;44(13):S3-S. PubMed PMID: WOS:000295437600007.
15. Azarpazhooh MR, Mobarra N, Parizadeh SMR, Tavallaie S, Bagheri M, Rahsepar AA, Ghayour-Mobarhan M, Sahebkar A, Ferns GAA. Serum High-Sensitivity C-Reactive

- Protein and Heat Shock Protein 27 Antibody Titers in Patients With Stroke and 6-Month Prognosis. *Angiology*. 2010 Aug;61(6):607-12. PubMed PMID: WOS:000279760800015.
16. Azimi-Nezhad M, Ghayour-Mobarhan M, Esmaeili HA, Parizadeh SMR, Hosseini SJ, Safarian M, Parizadeh SMJ, Paydar R, Yaghootkar H, Sahebkar A, Ferns G. Newly detected hypertension in an Iranian population: an epidemiological study. *Asian Biomedicine*. 2009 Dec;3(6):653-62. PubMed PMID: WOS:000273653700009.
17. Bagheri SM, Sahebkar A, Gohari AR, Saeidnia S, Malmir M, Iranshahi M. Evaluation of cytotoxicity and anticonvulsant activity of some Iranian medicinal *Ferula* species. *Pharm Biol*. 2010 Mar;48(3):242-6. PubMed PMID: WOS:000274886200001.
18. Bashi DS, Bazzaz BSF, Sahebkar A, Karimkhani MM, Ahmadi A. Antioxidant and antimicrobial activities of yarrow (*Achillea biebersteinii* and *A. wilhelmsii*) extract obtained by ultrasound-assisted extraction method. *Clin Biochem*. 2011 Sep;44(13):S354-S. PubMed PMID: WOS:000295437601535.
19. Bashi DS, Bazzaz BSF, Sahebkar A, Karimkhani MM, Ahmadi A. Investigation of optimal extraction, antioxidant, and antimicrobial activities of *Achillea biebersteinii* and *A. wilhelmsii*. *Pharm Biol*. 2012 Sep;50(9):1168-76. PubMed PMID: WOS:000307455200013.
20. Bashi DS, Rezaei FB, Sahebkar A, Karimkhani MM, Ahmadi A. Investigation of biological activities of *Achillea biebersteinii* and *A. wilhelmsii* extracts. *Clin Biochem*. 2011 Sep;44(13):S354-S. PubMed PMID: WOS:000295437601534.
21. Bazzaz BSF, Khayat MH, Emami SA, Asili J, Sahebkar A, Neishabory EJ. Antioxidant and antimicrobial activity of methanol, dichloromethane, and ethyl acetate extracts of *Scutellaria litwinowii*. *Scienceasia*. 2011 Dec;37(4):327-34. PubMed PMID: WOS:000299195500008.
22. Beiraghdar F, Panahi Y, Einollahi B, Nemati E, Ghadiani MH, Sahebkar A, Maghsoudi N, Marzony ET. Investigation of the Efficacy of a Biogeneric Recombinant Human Erythropoietin Alfa in the Management of Renal Anemia in Patients on Hemodialysis: A Multi-center Clinical Trial. *Clinical Laboratory*. 2012 2012;58(7-8):737-45. PubMed PMID: WOS:000308385700014.

23. Beiraghdar F, Panahi Y, Einollahi B, Torkaman M, Mohammadi R, Marzony ET, Sahebkar A. Investigation of the Efficacy of a Biogeneric Recombinant Human Erythropoietin Alfa in the Correction of Post-Transplantation Anemia: A Randomized Comparative Trial with Eprex. *Clinical Laboratory*. 2012 2012;58(11-12):1179-85. PubMed PMID: WOS:000312575700007.
24. Boskabadi H, Afshari JT, Ghayour-Mobarhan M, Maamouri G, Shakeri MT, Sahebkar A, Ferns G. Association between serum interleukin-6 levels and severity of perinatal asphyxia. *Asian Biomedicine*. 2010 Feb;4(1):79-85. PubMed PMID: WOS:000276053900009.
25. Boskabadi H, Maamouri G, Ebrahimi M, Ghayour-Mobarhan M, Esmaeily H, Sahebkar A, Ferns GAA. Neonatal hypernatremia and dehydration in infants receiving inadequate breastfeeding. *Asia Pac J Clin Nutr*. 2010 2010;19(3):301-7. PubMed PMID: WOS:000282207700002.
26. Boskabadi H, Maamouri G, Nori M, Mohsenzadeh H, Ayatollahi H, Ghayour-Mobarhan M, Sahebkar A, Heshmati A, Ferns GAA. Maternal and neonatal serum concentrations of zinc and copper in preterm delivery: an observational study. *Trace Elements and Electrolytes*. 2012 2012;29(4):232-8. PubMed PMID: WOS:000311070200002.
27. Boskabadi H, Maamouri G, Omran FR, Mafinejad S, Tara F, Rayman MP, Ghayour-Mobarhan M, Sahebkar A, Tavallaie S, Shakeri MT, Mohammadi M, Ferns GA. Effect of Prenatal Selenium Supplementation on Cord Blood Selenium and Lipid Profile. *Pediatr Neonatol*. 2012 Dec;53(6):334-9. PubMed PMID: WOS:000314084000004.
28. Boskabadi H, Omran FR, Tara F, Rayman MP, Ghayour-Mobarhan M, Sahebkar A, Tavallaie S, Shakeri MT, Alamdari DH, Kiani M, Razavi BS, Oladi M, Ferns G. The Effect of Maternal Selenium Supplementation on Pregnancy Outcome and the Level of Oxidative Stress in Neonates. *Iranian Red Crescent Medical Journal*. 2010 May;12(3):254-9. PubMed PMID: WOS:000278167900008.
29. Emami SA, Asgary S, Naderi GA, Ardekani MRS, Aslani S, Airin A, Kasher T, Sahebkar A. Investigation of antioxidant and anti-glycation properties of essential oils from fruits and branchlets of *Juniperus oblonga*. *Revista Brasileira De Farmacognosia-Brazilian Journal of Pharmacognosy*. 2012 Sep-Oct;22(5):985-93. PubMed PMID: WOS:000308948000008.

30. Emami SA, Asgary S, Naderi GA, Ardekani MRS, Kashner T, Aslani S, Airin A, Sahebkar A. Antioxidant activities of *Juniperus foetidissima* essential oils against several oxidative systems. *Revista Brasileira De Farmacognosia-Brazilian Journal of Pharmacognosy*. 2011 Jul-Aug;21(4):627-34. PubMed PMID: WOS:000294123100011.
31. Emami SA, Sahebkar A, Tayarani-Najaran N, Tayarani-Najaran Z. Cancer and its Treatment in Main Ancient Books of Islamic Iranian Traditional Medicine (7th to 14th Century AD). *Iranian Red Crescent medical journal*. 2012 2012-Dec;14(12):747-57. PubMed PMID: MEDLINE:23482830.
32. Farrokhi F, Moohebbati M, Aghdaei HRA, Ghaffarzadegan K, Norouzi F, Sahebkar A, Tavallaie S, Azarpazhooh MR, Ghayour-Mobarhan M, Ferns GA. Effects of Statin Therapy on Serum Trace Element Status in Dyslipidemic Patients: Results of a Randomized Placebo-Controlled Cross-Over Trial. *Clinical Laboratory*. 2012 2012;58(9-10):1005-15. PubMed PMID: WOS:000310560200016.
33. Ghayour-Mobarhan M, Alamdari DH, Moohebbati M, Sahebkar A, Nematy M, Safarian M, Azimi-Nezhad M, Parizadeh SMR, Tavallaie S, Koliakos G, Ferns G. Determination of Prooxidant-Antioxidant Balance After Acute Coronary Syndrome Using a Rapid Assay: A Pilot Study. *Angiology*. 2009 Dec;60(6):657-62. PubMed PMID: WOS:000272144800001.
34. Ghayour-Mobarhan M, Pourghadamyari H, Moohebbati M, Parizadeh SMR, Tavallaie S, Sahebkar A, Rahsepar A, Paydar R, Ferns G. Association of antibody against heat shock protein-27 and pro-oxidant-antioxidant balance with the severity of coronary artery disease and metabolic syndrome. *Atherosclerosis Supplements*. 2011 Jun;12(1):105-. PubMed PMID: WOS:000300159000490.
35. Ghayour-Mobarhan M, Sahebkar A, Parizadeh SMR, Moohebbati M, Tavallaie S, RezaKazemi-Bajestani SM, Esmaili H-A, Ferns G. Antibody titres to heat shock protein 27 are elevated in patients with acute coronary syndrome. *Int J Exp Pathol*. 2008 Jun;89(3):209-15. PubMed PMID: WOS:000255603000040.
36. Ghayour-Mobarhan M, Sahebkar A, Vakili R, Safarian M, Nematy M, Lotfian E, Khorashadizadeh M, Tavallaie S, Dahri M, Ferns G. Investigation of the effect of high dairy diet on body mass index and body fat in overweight and obese children. *Indian J Pediatr*. 2009 Nov;76(11):1145-50. PubMed PMID: WOS:000273627700008.

37. Heidari-Bakavoli AR, Sahebkar A, Mobara N, Moohebaty M, Tavallaie S, Rahsepar AA, Kazemi A, Alavi M-S, Ghayour-Mobarhan M, Ferns GAA. Changes in Plasma Level of Heat Shock Protein 27 After Acute Coronary Syndrome. *Angiology*. 2012 Jan;63(1):12-6. PubMed PMID: WOS:000297652000003.
38. Iranshahi M, Askari M, Sahebkar A, Hadjipavlou-Litina D. Evaluation of antioxidant, anti-inflammatory and lipoxigenase inhibitory activities of the prenylated coumarin umbelliprenin. *Daru-Journal of Faculty of Pharmacy*. 2009 Spr;17(2):99-103. PubMed PMID: WOS:000270663800007.
39. Iranshahi M, Ghiadi M, Sahebkar A, Rahimi A, Bassarello C, Piacente S, Pizza C. Badrakemonin, a New Eremophilane-Type Sesquiterpene from the Roots of *Ferula badrakema* Kos.-Pol. *Iranian Journal of Pharmaceutical Research*. 2009 Fal;8(4):275-9. PubMed PMID: WOS:000273205700008.
40. Iranshahi M, Hassanzadeh-Khayyat M, Sahebkar A, Famili A. Chemical composition of the fruit oil of *Ferula flabelliloba*. *Journal of Essential Oil Bearing Plants*. 2008 Mar-Apr;11(2):143-7. PubMed PMID: WOS:000255737400003.
41. Iranshahi M, Kalategi F, Sahebkar A, Sardashti A, Schneider B. New sesquiterpene coumarins from the roots of *Ferula flabelliloba*. *Pharm Biol*. 2010 Feb;48(2):217-20. PubMed PMID: WOS:000273871900018.
42. Iranshahi M, Rezaee R, Sahebkar A, Bassarello C, Piacente S, Pizza C. Sesquiterpene coumarins from the fruits of *Ferula badrakema*. *Pharm Biol*. 2009 Apr;47(4):344-7. PubMed PMID: WOS:000266630800014.
43. Iranshahi M, Sahebkar A, Hosseini ST, Takasaki M, Konoshima T, Tokuda H. Cancer chemopreventive activity of diversin from *Ferula diversivittata* in vitro and in vivo. *Phytomedicine*. 2010 Mar;17(3-4):269-73. PubMed PMID: WOS:000276029500016.
44. Iranshahi M, Sahebkar A, Takasaki M, Konoshima T, Tokuda H. Cancer chemopreventive activity of the prenylated coumarin, umbelliprenin, in vivo. *Eur J Cancer Prev*. 2009 Sep;18(5):412-5. PubMed PMID: WOS:000268869200012.
45. Iranshahi M, Yazdi MC, Hassanzadeh-Khayyat M, Sahebkar A. Sulfur Containing Compounds in the Volatile Oil of *Ferula latisecta* Rech. f. & Aell. Leaves. *Journal of*

- Essential Oil Bearing Plants. 2009 Jan-Feb;12(1):64-8. PubMed PMID: WOS:000264541500010.
46. Javadi B, Sahebkar A, Emami SA. A Survey on Saffron in Major Islamic Traditional Medicine Books. Iranian Journal of Basic Medical Sciences. 2013 Jan;16(1):1-11. PubMed PMID: WOS:000313801100001.
47. Karamoddini MK, Emami SA, Ghannad MS, Sani EA, Sahebkar A. Antiviral activities of aerial subsets of Artemisia species against Herpes Simplex virus type 1 (HSV1) in vitro. Asian Biomedicine. 2011 Feb;5(1):63-8. PubMed PMID: WOS:000288573000007.
48. Karamoddini MK, Fazli-Bazzaz BS, Emamipour F, Ghannad MS, Jahanshahi AR, Saed N, Sahebkar A. Antibacterial efficacy of lytic bacteriophages against antibiotic-resistant Klebsiella species. TheScientificWorldJournal. 2011 Jul;11:1332-40. PubMed PMID: MEDLINE:21789469.
49. Mohammadi A, Sahebkar A, Iranshahi M, Amini M, Khojasteh R, Ghayour-Mobarhan M, Ferns GA. Effects of supplementation with curcuminoids on dyslipidemia in obese patients: a randomized crossover trial. Phytotherapy research: PTR. 2013 Mar;27(3):374-9. PubMed PMID: MEDLINE:22610853.
50. Mokhber N, Namjoo M, Tara F, Boskabadi H, Rayman MP, Ghayour-Mobarhan M, Sahebkar A, Majdi MR, Tavallaie S, Azimi-Nezhad M, Shakeri MT, Nematy M, Oladi M, Mohammadi M, Ferns G. Effect of supplementation with selenium on postpartum depression: a randomized double-blind placebo-controlled trial. J Matern Fetal Neonatal Med. 2011 Jan;24(1):104-8. PubMed PMID: WOS:000287080700015.
51. Moohebat M, Bidmeshgi S, Azarpazhooh MR, Daloe MH, Ghayour-Mobarhan M, Tavallaie S, Amini M, Momenzadeh A, Sahebkar A, Paydar R, Rahsepar AA, Parizadeh SMR, Akhlaghi S, Ferns GAA. Simvastatin treatment reduces heat shock protein 60, 65, and 70 antibody titers in dyslipidemic patients: A randomized, double-blind, placebo-controlled, cross-over trial. Clin Biochem. 2011 Feb;44(2-3):192-7. PubMed PMID: WOS:000286959100009.
52. Mouhebat M, Ghayour-Mobarhan M, Parizadeh S, Sahebkar A, Tavallaie S, Kazemi-Bajestani S, Azimi-Nezhad M, Esmaili H, Ferns GA. Antibody titers to heat shock protein

- 27 are elevated in patients with myocardial infarction. *Atherosclerosis Supplements*. 2008 May;9(1):152-. PubMed PMID: WOS:000207610701331.
53. Nematy M, Sakhdari A, Ahmadi-Moghaddam P, Aliabadi M, Kimiagar M, Ilaty AA, Azimi-Nezhad M, Shakeri MT, Ghayour-Mobarhan M, Sahebkar A, Ferns GAA. Prevalence of obesity and its association with socioeconomic factors in elderly Iranians from Razavi-Khorasan province. *TheScientificWorldJournal*. 2009 2009 Nov;9:1286-93. PubMed PMID: MEDLINE:19936564.
54. Oladi MR, Behravan J, Hassani M, Kassaeian J, Sahebkar A, Tavallaie S, Paydar R, Saber H, Esmaeili HA, Azimi-Nezhad M, Ferns G, Ghayour-Mobarhan M. Glucokinase gene promoter-30G > A polymorphism: a cross-sectional association study with obesity, diabetes Mellitus, hyperlipidemia, hypertension and metabolic syndrome in an Iranian hospital. *Revista De Nutricao-Brazilian Journal of Nutrition*. 2012 Jul-Aug;25(4):487-95. PubMed PMID: WOS:000309472500006.
55. Panahi Y, Beiraghdar F, Akbari H, Bekhradi H, Taghizadeh M, Sahebkar A. A herbal cream consisting of Aloe vera, Lavandula stoechas, and Pelargonium roseum as an alternative for silver sulfadiazine in burn management. *Asian Biomedicine*. 2012 Apr;6(2):273-8. PubMed PMID: WOS:000304729200015.
56. Panahi Y, Davoudi SM, Sahebkar A, Beiraghdar F, Dadjo Y, Feizi I, Amirchoopani G, Zamani A. Efficacy of Aloe vera/olive oil cream versus betamethasone cream for chronic skin lesions following sulfur mustard exposure: a randomized double-blind clinical trial. *Cutan Ocul Toxicol*. 2012 Jun;31(2):95-103. PubMed PMID: WOS:000304093100002.
57. Panahi Y, Ghamarchehreh ME, Beiraghdar F, Zare M, Jalalian HR, Sahebkar A. Investigation of the Effects of Chlorella Vulgaris Supplementation in Patients with Non-Alcoholic Fatty Liver Disease: A Randomized Clinical Trial. *Hepatogastroenterology*. 2012 Oct;59(119):2099-103. PubMed PMID: WOS:000312689200016.
58. Panahi Y, Milani AE, Sahebkar A, Naderi M, Babaei M, Beiraghdar F, Parvin S, Dadjo Y. Tear total protein analysis in patients with late sulfur mustard-induced ocular complications: a cross-sectional study. *Cutan Ocul Toxicol*. 2012 Jun;31(2):104-10. PubMed PMID: WOS:000304093100003.

59. Panahi Y, Moghaddam BR, Sahebkar A, Nazari MA, Beiraghdar F, Karami G, Saadat AR. A randomized, double-blind, placebo-controlled trial on the efficacy and tolerability of sertraline in Iranian veterans with post-traumatic stress disorder. *Psychol Med*. 2011 Oct;41(10):2159-66. PubMed PMID: WOS:000295326900014.
60. Panahi Y, Pishgoo B, Beiraghdar F, Araghi ZM, Sahebkar A, Abolhasani E. Results of a Randomized, Open-Label, Clinical Trial Investigating the Effects of Supplementation with *Heracleum persicum* Extract as an Adjunctive Therapy for Dyslipidemia. *TheScientificWorldJournal*. 2011 2011;11:592-601. PubMed PMID: WOS:000288385600006.
61. Panahi Y, Pishgoo B, Jalalian HR, Mohammadi E, Taghipour HR, Sahebkar A, Abolhasani E. Investigation of the effects of *Chlorella vulgaris* as an adjunctive therapy for dyslipidemia: Results of a randomised open-label clinical trial. *Nutrition & Dietetics*. 2012 Mar;69(1):13-9. PubMed PMID: WOS:000300837800005.
62. Panahi Y, Saadat A, Sahebkar A, Hashemian F, Taghikhani M, Abolhasani E. Effect of Ginger on Acute and Delayed Chemotherapy-Induced Nausea and Vomiting: A Pilot, Randomized, Open-Label Clinical Trial. *Integr Cancer Ther*. 2012 Sep;11(3):204-11. PubMed PMID: WOS:000308561100002.
63. Panahi Y, Sahebkar A, Amiri M, Davoudi SM, Beiraghdar F, Hoseininejad SL, Kolivand M. Improvement of sulphur mustard-induced chronic pruritus, quality of life and antioxidant status by curcumin: results of a randomised, double-blind, placebo-controlled trial. *Br J Nutr*. 2012 Oct 14;108(7):1272-9. PubMed PMID: WOS:000309947600016.
64. Panahi Y, Sahebkar A, Davoudi SM, Amiri M, Beiraghdar F. Efficacy and Safety of Immunotherapy with Interferon-Gamma in the Management of Chronic Sulfur Mustard-Induced Cutaneous Complications: Comparison with Topical Betamethasone 1%. *Scientific World Journal*. 2012 2012:1-7. PubMed PMID: WOS:000303016100001.
65. Panahi Y, Sahebkar A, Parvin S, Saadat A. A randomized controlled trial on the anti-inflammatory effects of curcumin in patients with chronic sulphur mustard-induced cutaneous complications. *Ann Clin Biochem*. 2012 Nov;49:580-8. PubMed PMID: WOS:000312239800011.

66. Panahi Y, Sarayani A, Beiraghdar F, Amiri M, Davoudi SM, Sahebkar A. Management of sulfur mustard-induced chronic pruritus: a review of clinical trials. *Cutan Ocul Toxicol.* 2012 Sep;31(3):220-5. PubMed PMID: WOS:000307636700007.
67. Panahi Y, Sharif MR, Sharif A, Beiraghdar F, Zahiri Z, Amirchoopani G, Marzony ET, Sahebkar A. A randomized comparative trial on the therapeutic efficacy of topical aloe vera and *Calendula officinalis* on diaper dermatitis in children. *TheScientificWorldJournal.* 2012 2012;2012:810234-. PubMed PMID: MEDLINE:22606064.
68. Panahi Y, Taherzadeh ES, Davoudi SM, Sahebkar A, Ranjbar R. Investigation of serum substance P status in patients with chronic pruritic skin lesions due to sulfur mustard: a cross-sectional study. *Cutan Ocul Toxicol.* 2013 Mar;32(1):4-8. PubMed PMID: WOS:000310618400002.
69. Panahi Y, Tavana S, Sahebkar A, Masoudi H, Madanchi N. Impact of Adjunctive Therapy with *Chlorellav ulgaris* Extract on Antioxidant Status, Pulmonary Function, and Clinical Symptoms of Patients with Obstructive Pulmonary Diseases. *Sci Pharm.* 2012 2012-Sep;80(3):719-30. PubMed PMID: MEDLINE:23008817.
70. Parizadeh MR, Azarpazhooh MR, Mobarra N, Nematy M, Alamdari DH, Tavalai S, Sahebkar A, Hassankhani B, Ferns G, Ghayour-Mobarhan M. Prooxidant-antioxidant balance in stroke patients and 6-month prognosis. *Clinical laboratory.* 2011 2011;57(3-4):183-91. PubMed PMID: MEDLINE:21500725.
71. Parizadeh SMR, Azarpazhooh MR, Moohebaty M, Nematy M, Ghayour-Mobarhan M, Tavalai S, Rahsepar AA, Amini M, Sahebkar A, Mohammadi M, Ferns GAA. Simvastatin Therapy Reduces Prooxidant-Antioxidant Balance: Results of a Placebo-Controlled Cross-Over Trial. *Lipids.* 2011 Apr;46(4):333-40. PubMed PMID: WOS:000288561300004.
72. Parzadeh MR, Azarpazhooh MR, Mobarra N, Nematy M, Alamdari DH, Tavalai S, Sahebkar A, Hassankhani B, Ferns G, Ghayour-Mobarhan M. Prooxidant-Antioxidant Balance in Stroke Patients and 6-Month Prognosis. *Clinical Laboratory.* 2011 2011;57(3-4):183-91. PubMed PMID: WOS:000290595200006.
73. Pourghadamyari H, Mohammad RPS, Tavalai S, Sahebkar A, Paydar R, Mobarhan MG, Karami R. Evaluating cardiovascular risk factors among type 2 diabetic and healthy

- populace. Clin Biochem. 2011 Sep;44(13):S138-S9. PubMed PMID: WOS:000295437600411.
74. Pourghadamyari H, Moohebbati M, Parizadeh SMR, Falsoleiman H, Dehghani M, Fazlinezhad A, Akhlaghi S, Tavallaie S, Sahebkar A, Paydar R, Ghayour-Mobarhan M, Ferns GA. Serum antibody titers against heat shock protein 27 are associated with the severity of coronary artery disease. Cell Stress Chaperones. 2011 May;16(3):309-16. PubMed PMID: WOS:000289208300008.
 75. Sabouri S, Ghayour-Mobarhan M, Moohebbati M, Hassani M, Kassaeian J, Tatari F, Mahmoodi-kordi F, Esmaeili HA, Tavallaie S, Paydar R, Sahebkar A, Tehrani SO, Ferns G, Behravan J. Association between 45T/G polymorphism of adiponectin gene and coronary artery disease in an Iranian population. TheScientificWorldJournal. 2011 2011 Jan;11:93-101. PubMed PMID: MEDLINE:21218266.
 76. Safarian M, Vakili R, Sahebkar A, Nematy M, Dahri M, Tavallaie S, Lotfian E, Khorashadizadeh M, Ferns G, Ghayour-Mobarhan M. Effect of a High Dairy Diet on Serum Antibody Titers to Heat Shock Protein 27 in Overweight and Obese Children. Iranian Journal of Pediatrics. 2009 Mar;19(1):41-6. PubMed PMID: WOS:000264413800006.
 77. Sahebari M, Goshayeshi L, Mirfeizi Z, Rezaieyazdi Z, Hatef MR, Ghayour-Mobarhan M, Akhlaghi S, Sahebkar A, Ferns GA. Investigation of the association between metabolic syndrome and disease activity in rheumatoid arthritis. TheScientificWorldJournal. 2011 2011 Jun;11:1195-205. PubMed PMID: MEDLINE:21666989.
 78. Sahebkar A. Neuroprotective effects of resveratrol: Potential mechanisms. Neurochem Int. 2010 Nov;57(6):621-2. PubMed PMID: WOS:000284017000001.
 79. Sahebkar A. Molecular mechanisms for curcumin benefits against ischemic injury. Fertil Steril. 2010 Oct;94(5):E75-E6. PubMed PMID: WOS:000282160600081.
 80. Sahebkar A. Citrus auraptene: A potential multifunctional therapeutic agent for nonalcoholic fatty liver disease. Ann Hepatol. 2011 Oct-Dec;10(4):575-7. PubMed PMID: WOS:000296672600024.

81. Sahebkar A. Metabolic improvement by telmisartan beyond angiotensin receptor blockade: role of adipokines. *Arq Bras Endocrinol Metabol.* 2011 Jul;55(5):353-4. PubMed PMID: WOS:000294435900010.
82. Sahebkar A. Potential benefits of supplementation with auraptene in cystic fibrosis. *Clin Nutr.* 2011 Apr;30(2):259-60. PubMed PMID: WOS:000290009800019.
83. Sahebkar A. Phosphatidylcholine-Rich Nanoliposomes: Potential Tools for Serum C-Reactive Protein Reduction? *Cardiovasc Drugs Ther.* 2011 Feb;25(1):105-6. PubMed PMID: WOS:000289114400012.
84. Sahebkar A. Potential efficacy of ginger as a natural supplement for nonalcoholic fatty liver disease. *World J Gastroenterol.* 2011 Jan 14;17(2):271-2. PubMed PMID: WOS:000286302900020.
85. Sahebkar A. Potential Mechanisms Behind (-)-Epigallocatechin-3-Gallate Protection Against Cerebral Ischemic Injury. *J Neurosci Res.* 2011 Jan;89(1):1-2. PubMed PMID: WOS:000285456100001.
86. Sahebkar A. Baicalin as a potentially promising drug for the management of sulfur mustard induced cutaneous complications: A review of molecular mechanisms. *Cutan Ocul Toxicol.* 2012 Sep;31(3):226-34. PubMed PMID: WOS:000307636700008.
87. Sahebkar A, Emami SA. Medicinal plants for the treatment of uterus inflammation: implications from Iranian folk medicine. *Journal of acupuncture and meridian studies.* 2013 Feb;6(1):1-. PubMed PMID: MEDLINE:23433048.
88. Sahebkar A, Hassanzadeh-Khayyat M, Iranshahi M. Qualitative Analysis of the Hydro-distilled Essential Oil of *Ferula latisecta* Rech. f. and Aell. Roots from Iran. *Journal of Essential Oil Bearing Plants.* 2010 May-Jun;13(3):340-6. PubMed PMID: WOS:000280255600012.
89. Sahebkar A, Iranshahi M. Biological activities of essential oils from the genus *Ferula* (Apiaceae). *Asian Biomedicine.* 2010 Dec;4(6):835-47. PubMed PMID: WOS:000285736000001.
90. Sahebkar A, Iranshahi M. Cancer Chemoprevention by 7-Prenyloxycoumarins: A Role for 5-Lipoxygenase Inhibition? *Integr Cancer Ther.* 2010 Sep;9(3):259-60. PubMed PMID: WOS:000282091900003.

91. Sahebkar A, Iranshahi M. Volatile Constituents of the Genus *Ferula* (Apiaceae): A Review. *Journal of Essential Oil Bearing Plants*. 2011 Sep-Oct;14(5):504-31. PubMed PMID: WOS:000298866200001.
92. Sahebkar A, Panahi Y, Amiri M, Davoudi SM, Beiraghdar F, Hoseininejad SL, Kolivand M. Promising improvement of sulfur mustard-induced chronic pruritus, quality of life and antioxidant status by curcumin: Results of a randomized double-blind placebo-controlled trial. *Clin Biochem*. 2011 Sep;44(13):S338-S. PubMed PMID: WOS:000295437601483.
93. Sahebkar A, Panahi Y, Mohammad EG, Beiraghdar F, Zare M, Hamid RJ, Abolhasani E. Investigation of the effects of *Chlorella vulgaris* supplementation in patients with non-alcoholic fatty liver disease: A randomized clinical trial. *Clin Biochem*. 2011 Sep;44(13):S113-S4. PubMed PMID: WOS:000295437600338.
94. Sahebkar A, Pourghadamyari H, Moohebati M, Parizadeh SMR, Falsoleiman H, Dehghani M, Fazlinezhad A, Akhlaghi S, Tavallaie S, Paydar R, Ghayour-Mobarhan M, Ferns GA. A cross-sectional study of the association between heat shock protein 27 antibody titers, pro-oxidant-antioxidant balance and metabolic syndrome in patients with angiographically-defined coronary artery disease. *Clin Biochem*. 2011 Dec;44(17-18):1390-5. PubMed PMID: WOS:000297570300006.
95. Sajed H, Sahebkar A, Iranshahi M. *Zataria multiflora* Boiss. (Shirazi thyme)-An ancient condiment with modern pharmaceutical uses. *J Ethnopharmacol*. 2013 Feb 13;145(3):686-98. PubMed PMID: WOS:000315005100002.
96. Tara F, Maamouri G, Rayman MP, Ghayour-Mobarhan M, Sahebkar A, Yazarlu O, Ouladan S, Tavallaie S, Azimi-Nezhad M, Shakeri MT, Boskabadi H, Oladi M, Sangani MT, Razavi BS, Ferns G. Selenium supplementation and the incidence of preeclampsia in pregnant Iranian women: a randomized, double-blind, placebo-controlled pilot trial. *Taiwan J Obstet Gynecol*. 2010 Jun;49(2):181-7. PubMed PMID: WOS:000281060400010.
97. Tara F, Rayman MP, Boskabadi H, Ghayour-Mobarhan M, Sahebkar A, Alamdari DH, Razavi BS, Tavallaie S, Azimi-Nezhad M, Shakeri MT, Oladi M, Yazarlu O, Ouladan S, Sangani MT, Omran FR, Ferns G. Prooxidant-antioxidant balance in pregnancy: a randomized double-blind placebo-controlled trial of selenium supplementation. *J Perinat Med*. 2010 Sep;38(5):473-8. PubMed PMID: WOS:000281566600004.

98. Tara F, Rayman MP, Boskabadi H, Ghayour-Mobarhan M, Sahebkar A, Yazarlu O, Ouladan S, Tavallaie S, Azimi-Nezhad M, Shakeri MT, Teymoori MS, Razavi BS, Oladi M, Ferns G. Selenium supplementation and premature (pre-labour) rupture of membranes: A randomised double-blind placebo-controlled trial. *J Obstet Gynaecol.* 2010 Jan;30(1):30-4. PubMed PMID: WOS:000274178800008.
99. Tavallaie S, Zobeiri M, Haghighat-Khazaei Z, Hassanzadeh-Khayyat M, Nassirli H, BizhanMalaek N, Sahebkar A, Ghayour-Mobarhan M. Serum vitamin E concentration in Iranian population with angiography defined coronary artery disease. *Asian Biomedicine.* 2012 Feb;6(1):19-25. PubMed PMID: WOS:000302278000003.
100. Vakili R, Ghayour-Mobarhan M, Sahebkar A, Safarian M, Nematy M, Dahri M, Ferns G. Effect of a high dairy diet on serum antibody titres to heat shock protein 27 in overweight and obese children. *Horm Res.* 2009 2009;72:414-. PubMed PMID: WOS:000270489901232.
101. Yazdanpanah MJ, Ghayour-Mobarhan M, Taji A, Javidi Z, Pezeshkpoor F, Tavallaie S, Momenzadeh A, Esmaili H, Shojaie-Noori S, Khoddami M, Sahebkar A. Serum zinc and copper status in Iranian patients with pemphigus vulgaris. *Int J Dermatol.* 2011 Nov;50(11):1343-6. PubMed PMID: WOS:000296852300006.
102. Panahi Y, Sahebkar A, Taghipour HR, Dadjou Y, Pishgoo B, Rakhshankhah AS. Atorvastatin Therapy Is Not Associated with Slowing the Progression of Aortic Stenosis: Findings of a Randomized Controlled Trial. *Clin Lab.* Accepted.
103. Panahi Y, Akhavan A, Sahebkar A, Hosseini SM, Taghizadeh M, Akbari H, Sharif MR, Imani S. Investigation of the effectiveness of *Syzygium aromaticum*, *Lavandula angustifolia* and *Geranium robertianum* essential oils in the treatment of acute external otitis: A comparative trial with ciprofloxacin. *J Microbiol Immunol Infect.* 2012 Dec 26. doi:pii: S1684-1182(12)00214-9. 10.1016/j.jmii.2012.10.002. [Epub ahead of print] PubMed PMID: 23274083.
104. Panahi Y, Davoudi SM, Beiraghdar F, Saadat A, Sahebkar A. Relationship between levels of IFN γ , TNF α , and TGF β and pruritus in sulfur mustard-exposed veterans. *J Immunotoxicol.* 2012 Sep 21. [Epub ahead of print] PubMed PMID: 22994697.

105. Rajabi-Mashhadi MT, Mousavi SH, Khosravi-Mahshizi MH, Ghayour-Mobarhan M, Sahebkar A. Optimum duration of perioperative antibiotic therapy in patients with acute non-perforated appendicitis: A prospective randomized trial. *Asian Biomedicine*. 2012;6(6):891-4.
106. Asgary S, Kelishadi R, Rafieian-Kopaei M, Najafi S, Najafi M, Sahebkar A. Investigation of the Lipid-Modifying and Antiinflammatory Effects of *Cornus mas* L. Supplementation on Dyslipidemic Children and Adolescents. *Pediatric Cardiology*. 2013. doi: 10.1007/s00246-013-0693-5
107. Ghannad MS, Hojati SA, Mirzaei M, Sahebkar A. Prevalence of hepatitis B and hepatitis C infections in patients referred to health centers in the Hamadan province, Iran: An epidemiologic study between 2004-2007. *Asian Biomedicine*. 2013;7(5):619-625.press).
108. Sahebkar A. Does PPAR γ (2) Gene Pro12Ala Polymorphism Affect Nonalcoholic Fatty Liver Disease Risk? Evidence from a Meta-Analysis. *DNA Cell Biol*. 2013;32:188-198.
109. Hassanzadeh-Khayyat M, Rahimizadeh M, Azadi M, Sahebkar A. Phytochemical analysis of *Satureja hortensis* L. essential oil from Iran. *Analytical Chemistry Letters* 2012;2(3):192-197.
110. Sahebkar A, Morris DR, Biros E, Golledge J. Association of single nucleotide polymorphisms in the gene encoding platelet endothelial cell adhesion molecule-1 with the risk of myocardial infarction: a systematic review and meta-analysis. *Thrombosis Research*. 2013 (in press).
111. Panahi Y, Yousefi G, Sahebkar A, Foroutan SM, Zarghi A, Shafahati A, Khoddam A, Saadat A. Validation of a high-performance liquid chromatography method for the determination of pyridostigmine in plasma. *Asian Biomedicine* 2013;7:275-279.
112. Panahi Y, Davoudi SM, Beiraghdar F, Amiri M, Saadat A, Tahmasbpour Marzony E, Naghizadeh MM, Sahebkar A. Serum levels of interleukins 2, 4, 6 and 10 in veterans with chronic sulfur mustard-induced pruritus: A cross-sectional study. *Skinmed*. 2013 (in press).

113. Sahebkar A. Are curcuminoids effective C-Reactive protein-lowering agents in clinical practice? Evidence from a meta-analysis. *Phytotherapy Research*. 2013 (in press).
114. Gahyour-Mobarhan M, Sahebkar AH, Starkey B, Livingstone C, Wang T, Lamb D, Ferns G. An investigation of the relationship between serum vitamin E status and coronary risk factors in dyslipidaemic patients. *Iranian J Basic Med Sci*. 2008;10:206-215.
115. Bazzaz BSF, Arab A, Emami SA, Asili J, Hasanzadeh-Khayyat M, Sahebkar A. Antimicrobial and antioxidant activities of methanol, dichloromethane and ethyl acetate extracts of *scutellaria lindbergii* rech.f. *Chiang Mai Journal of Science*. 2013;40(1):49-59.
116. Karimi G, Iranshahi M, Hosseinalizadeh F, Riahi B, Sahebkar A. Screening of acetylcholinesterase inhibitory activity of terpenoid and coumarin derivatives from the genus *ferula*. *Pharmacologyonline*. 2010;1:566-74.
117. Moallem SA, Farahmand-Darzab A, Sahebkar A, Iranshahi M. Antiemetic activity of different extracts from the aerial parts of *thymus transcaspicus* klokov. *Pharmacologyonline*. 2009;1:1284-92.
118. Asgary S, Rafieian-Kopaei M, Najafi S, Heidarian E, Sahebkar A. Antihyperlipidemic effects of *Sesamum indicum* L. in rabbits fed a high-fat diet. *ScientificWorldJournal*. 2013 Sep 4;2013:365892.
119. Sahebkar A, Watts GF. Fibrate therapy and circulating adiponectin concentrations: a systematic review and meta-analysis of randomized placebo-controlled trials. *Atherosclerosis*. 2013 Sep;230(1):110-20.
120. Sahebkar A, Watts GF. New LDL-cholesterol lowering therapies: pharmacology, clinical trials, and relevance to acute coronary syndromes. *Clin Ther*. 2013 Aug;35(8):1082-98.
121. Sahebkar A, Watts GF. New Therapies Targeting apoB Metabolism for High-Risk Patients with Inherited Dyslipidaemias: What Can the Clinician Expect? *Cardiovasc Drugs Ther*. 2013 Dec;27(6):559-67.
122. Asgary S, Naderi GA, Shams Ardekani MR, Sahebkar A, Airin A, Aslani S, et al. Inhibition of protein glycation by essential oils of branchlets and fruits of *juniperus*

- communis subsp. hemisphaerica. Research in Pharmaceutical Sciences. 2014;9(3):179-85.
123. Imenshahidi M, Eghbal M, Sahebkar A, Iranshahi M. Hypotensive activity of auraptene, a monoterpene coumarin from citrus spp. Pharm Biol. 2013;51(5):545-9.
124. Sahebkar A. Beyond anti-PCSK9 therapies: The potential role of resistin inhibitors. Nature Reviews Cardiology. 2013.
125. Sahebkar A. A systematic review and meta-analysis of randomized controlled trials investigating the effects of curcumin on blood lipid levels. Clinical Nutrition. 2013.
126. Sahebkar A. Curcuminoids for the treatment of hypertriglyceridemia. Nature Reviews Cardiology (In Press).
127. Sahebkar A. Head-to-head comparison of fibrates versus statins for elevation of circulating adiponectin concentrations: a systematic review and meta-analysis. Metabolism. 2013 Dec;62(12):1876-85.
128. Sahebkar A. Effects of resveratrol supplementation on plasma lipids: a systematic review and meta-analysis of randomized controlled trials. Nutr Rev. 2013 Dec;71(12):822-35.
129. Hosseinzadeh H, Mehri S, Abolhassani MM, Ramezani M, Sahebkar A, Abnous K. Affinity-based target deconvolution of safranal. Daru. 2013 Mar 20;21(1):25. doi: 10.1186/2008-2231-21-25.
130. Valiahdi SM, Iranshahi M, Sahebkar A. Cytotoxic activities of phytochemicals from *Ferula* species. Daru. 2013 May 23;21(1):39. doi: 10.1186/2008-2231-21-39.
131. Hosseinzadeh H, Mehri S, Heshmati A, Ramezani M, Sahebkar A, Abnous K. Proteomic screening of molecular targets of crocin. DARU. In Press.
132. Panahi Y, Mousavi-Nayeeni SM, Sahebkar A, Fanaie SA, Rahimnia A, Beiraghdar F. *Myrtus communis* essential oil for the treatment of hemorrhoids: a randomized double-blind double-dummy parallel-group comparative study. Turkish Journal of Pharmaceutical Sciences. In Press.
133. Asili J, Emami SA, Eynolghozat R, Sabeti Noghab Z, Fazli Bazzaz S, Sahebkar A. Chemical Composition and *In Vitro* Efficacy of Essential Oil of Seven *Artemisia*

- Species Against ESBL Producing Multidrug-Resistant *Escherichia coli*. Journal of Essential Oil-Bearing Plants.
134. Sahebkar A. Circulating levels of proprotein convertase subtilisin kexin type 9 are elevated by fibrate therapy: A systematic review and meta-analysis of clinical trials. Journal of Cardiovascular Pharmacology and Therapeutics. In Press.
135. Sahebkar A. Effect of niacin on endothelial function: A systematic review and meta-analysis of randomized controlled trials. Vascular Medicine. In Press.
136. Sahebkar A. Proprotein Convertase Subtilisin/Kexin Type 9: A Plausible Link Between Serum Resistin Levels and Cardiovascular Events. Angiology. In Press.
137. Panahi Y, Saadat A, Beiraghdar F, Hossini Nouzari SM, Jalalian HR, Sahebkar A. Antioxidant effects of lecithinized curcuminoids of bioavailability-enhanced curcuminoids in patients with solid tumors: A randomized double-blind placebo-controlled trial. Journal of Functional Foods.
138. Panahi Y, Hosseini SS, Davoudi SM, Akbari H, Bekhradi H, Taghizadeh M, Tahmasbpour Marzony E, Sahebkar A. Rosemary oil vs. minoxidil 2% for the treatment of androgenetic alopecia: A randomized comparative trial. Skinmed. In Press.
139. Asgary S, Rafieian-Kopaei M, Shamsi F, Najafi S, Sahebkar A. Biochemical and histopathological study of the anti-hyperglycemic and anti-hyperlipidemic effects of cornelian cherry (*Cornus mas* L.) in alloxan-induced diabetic rats. Archives of Iranian Medicine.
140. Asgary S, Keshvari M, Sahebkar A, Hashemi M, Rafieian-Kopaei M. Clinical investigation of the acute effects of pomegranate juice on blood pressure and endothelial function in hypertensive individuals. ARYA Atherosclerosis. 2013;9:326-331.
141. Modarres M, Asili J, Lahouti M, Ganjali A, Iranshahy M, Sahebkar A. Simultaneous determination of rosmarinic acid, salvianolic acid B and caffeic acid in *Salvia leriifolia* Benth. root, leaf and callus extracts using a high-performance liquid chromatography with diode-array detection technique. Journal of Liquid Chromatography and Related Technologies. In Press.

142. Ganjali S, Sahebkar A, Mahdipour E, Jamialahmadi K, Torabi S, Akhlaghi S, Ferns G, Parizadeh SMR, Ghayour-Mobarhan M. Investigation of the Effects of curcumin on serum cytokines in obese individuals: A randomized controlled trial. *Scientific World Journal*. In Press.
143. Mouhebati M, Kabirirad V, Ghayour-Mobarhan M, Esmaeili H, Tavallaie S, Akhavan Rezayat A, Pourghadamyari H, Sahebkar A. Investigation of serum oxidized low-density lipoprotein IgG levels in patients with angiographically-defined coronary artery disease. *International Journal of Vascular Medicine*. In Press.
144. Sahebkar A, Chew GT, Watts GF. New Peroxisome Proliferator-Activated Receptor Agonists: Potential treatments of Atherogenic Dyslipidaemia and Non-alcoholic Fatty Liver Disease. *Expert Opinion on Pharmacotherapy*. In Press.