

CURICULUM VITAE

First name: Sedigheh

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Data of Birth: 24.06. 1962

Place of Birth: Isfahan, Iran

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Education

University:

- 1- PhD of Pharmacognosy, Isfahan University of Medical Sciences (1995)
- 2- Pharm.D of Pharmacy Sciences, Isfahan University of Medical Sciences (1989)

Awards:

- 1- Number one Award of Isfahan University of Medical Sciences for the Specialty Board.
- 2- Iranian Presidential Award for the Year's National Razi Research Festival,2002
- 3- Number one Award of Isfahan Cardiovascular Research Center for being nominated as distinguished researcher in 2001.
- 4- Number one Award of Isfahan Cardiovascular Research Center for being nominated as distinguished researcher in 2000.
- 5- Number one Award of Isfahan Cardiovascular Research Center for being nominated as distinguished researcher in 1999.
- 6- Award of Isfahan Governor General for being nominated as sophisticated women of the province 2005.
- 7- Award for distinguished article in "Genetic and Environmental Factors in Atherosclerosis" (April 23-25), Osaka, Japan, 1991.
- 8- Nominated for Research Chair, Isfahan University of Medical Sciences, 2006.
- 9- Award for the best paper publication in journal of cell and tissue Research, 2007.
- 10- Selected investigator of Isfahan University of Medical Sciences,2015
- 11- Provincial Outstanding Award, Governor General of Isfahan, Iran, 2015
- 12- Iranian Presidential Award for the Year's National Razi Research Festival,2015

Language Skills: Persian, English.

Books:

1. Hennekens CH.H, Burning J.E. Epidemiology in Medicine (translated by translation group), Iran, 1988.
2. Iranian plant drug pharmacopoeia.
3. Editor of “Oils in Health and Disease” [Publishing by Isfahan University of Medical Scienc] ISBN: 978-964-524-180-1, 2008.
4. Resistin: Structure, Function and Role in Disease . Editors: Gerald Maldonado. Pub. Date: 2018 - December ISBN: 978-1-53614-543-4. Nova Science Publishers

Editorial Board Member

1. Journal of Advanced Research Yield Atherosclerosis
2. Journal of Research in Medical Sciences
3. Journal of Advanced Biomedical Research
4. Journal of Evidence-Based Complementary and Alternative Medicine.2009-2014
5. Journal of Cell and Tissue Research
6. Journal of Advance in Pharmacology and Toxicology
7. International Journal of Epidemiologic Research
8. Journal of HerbMed Pharmacology
9. Herbal medicin journal
10. Editorial Board of Evidence-Based Complementary and Alternative Medicine.2009-2014

Invited Speaker

1. Invited to have a lecture on “Antioxidant in herbal medicine” in the 4th International CME on Atherosclerosis, Hypertension and Coronary Artery Disease (ICHAC-2005)
2. 12-13 Nov. 2005, Delhi.

Observership

1. The University of British Columbia, (Vancouver, Canada). Vascular pharmacology laboratory at the Department of Pharmacology and Therapeutics invited by Professor Ismail Laher, 14-24 Dec 2012.
2. Harvard School of public health, (Boston, USA). Invited by Professor Walter Willet, 27 -14 June 2012.
3. Tufts university, Friedman school of Nutrition Science and Policy, (Boston, USA). Invited by Professor dariush mozaffarian, 9-16 March 2015

Sabbatical

- Khademhosseini Laboratory, Health Sciences and Technology Division, Brigham and Women's Hospital, (Boston, USA), 1 Sep 2015- 1 JUL 2016

Articles:

1. Afsharipour S, **Asgary S**, Blookwood G.B. Constituents of the essential oil of *Achillea wilhelmsii* from Iran. *Planta Medica* 1996; 62: 77-78.
2. Afsharipour S, **Asgary S**, Blookwood G.B. Volatile constituents of *Achillea millefolium L.* ssp. *millefolium* from Iran. *Flavour and Fragrance Journal* 1996; 11: 265-267.
3. Afsharipour S, **Asgary S**, Blookwood G.B. Volatile constituents of cultivated *Achillea millefolium*. *J Res Med Sci* 1997; 8: 13-22
4. **Asgary S**, Sarafzadegan N, Ghasemi N, Ghanadi A, Sajadi E, Sajadi F, Naderi Gh. Antihyperlipidemic effects of *Crataegus curvisepala* Lind. *Intercontinental Cardiology Journal* 1998; 7: 73-75.
5. **Asgary S**, Naderi Gh, Sarafzadegan N, Ghasemi N, Boshtam M, Rafie M, Arefian A. Antioxidant effect of flavonoids on hemoglobin glycosylation. *Pharmaceutica Acta Helveticae* 1999; 73: 223-226.
6. **Asgary S**, Naderi Gh, et al. Secular trends of mortality from cardiovascular Disease in Iran: with special reference to Isfahan. *Acta Cardiologica* 1999; 54(6): 327-333.
7. Poorshams A, Mohammadifard N, **Asgary S**, Gholshadi I, Sarafzadegan N. Evaluation of the international Quit and Win contest 1998 in Isfahan, Iran. *Archives of Iranian Medicine* 2000; 3(2): 75-77.
8. **Asgary S**, Naderi Gh, Sarafzadegan N, Mohammadifard N, Mostafavi S, Vakili R. Antihypertensive and antihyperlipidemic effects of *Achillea wilhelmsii*. *Drugs under Experimental and Clinical Research* 2000; XXVI (3): 89-93.
9. Boshtam M, Rafei M, Sarafzadegan N, **Asgary S**, Khalili A. Smoking, prevalence and its combination with cardiovascular risk factors. *Acta Medica Iranica*. 2000; 38(2): 115-20.
10. Mirzaei H, Roohafza H.R, Sadeghi M, **Asgary S**, et al. Comparison of serum level of stress oxidants in depression period and improvement period. *J Res Med Sci* 2000; 6(4): 318-322.
11. Sarafzadegan N, Atashi M, Naderi Gh, Baghai A, **Asgary S**, Fatehifar M. R, Samarian H, Zarei M. The effect of fasting in Ramadan on the values and interrelations Biochemical, coagulation and Hematological factors. *Saudi Medical Journal* 2000; 20(5-6): 377-381.
12. **Asgary S**, Aghaei A, Naderi Gh, Kelishadi R, Gharipour M, Azali Sh. Effect of Ramadan Fasting on Lipid Peroxidation, Serum Lipoproteins and Fasting Blood Sugar. *Medical Journal of Islamic Academy of Sciences* 2000; 13(1):35-38.
13. Mohammadifard N, Sarafzadegan N, Sadri Gh, Malek afzali H, Shahrokhi Sh, Tolooie H, Poormoghaddas M, Sadeghi M, Tavasoli A, Rafie M, Kelishadi R, Rabei K, Shahparian M, Bashardoost N, **Asgary S**, Naderi Gh, Alikhasi H, Changiz T, Yosefi A, Sajadi F, Samarian H. Isfahan Healthy Heart Program, a community based interventional Program for cardiovascular disease prevention &control. *J Res Med Sci* 2002; 7(1): 1-8
14. Sajadi F, Baghbanian P, **Asgary S**, Naderi Gh, Alikhasi H, Mohammadifard N, Rafie M, Forghani B, Hajarzadeh M. Effect of salvia officinalis on the reduction of blood sugar of diabetic patients, *J Res Med Sci* 2002; 7(4): 314-317.

15. Kelishadi R, Sarafzadegan N, Naderi Gh, **Asgary S**, Bashardoost N. Atherosclerosis risk factors in children and adolescents with or without family history of premature coronary artery disease. *Med Sci Monit* 2002; 8(6): 425-429.
16. Kelishadi R, Naderi Gh, **Asgary S**. Oxidized LDL metabolites in children with high family risk for premature cardiovascular disease. *Indian Journal of Pediatrics* 2002; 69(9): 755-759.
17. **Asgary S**, Naderi Gh, Sarafzadegan N, Vakili R. The inhibitory effects of pure flavonoids on *invitro* protein glycosylation. *Journal of Herbal Pharmacotherapy* 2002; 2(2): 47-55.
18. **Asgary S**, Naderi Gh, Ghasemi M, Gharipour M, Kelishadi R, Bashardost N. In vitro effect of polyphenolic extract of salvia hydrangea, betula pendula crataeagus curvisepala and Vit C on glycosylation of proteins, *J Res Med Sci* 2003; 8(3): 77-81
19. Attari A, **Asgary S**, Askari S, Naderi Gh, Rezayat A. Lipid peroxidation and antioxidation capacity in posttraumatic stress disorder. *J Res Med Sci* 2003; 8(1): 46-50.
20. Mahdavi R, Paknahad Z, **Asgary S**, Naderi Gh, Soltani P, Rajabi, et al. Effect of dietary olive oil/cholesterol on serum lipoproteins, lipid peroxidation, and atherosclerosis in rabbits. *J Res Med Sci* 2003; 8(1): 15-19.
21. **S Asgary**, Attari A, Askari S, Naderi Gh, et al. Lipid peroxidation and antioxidation capacity in posttraumatic stress disorder. *J Res Med Sci* 2003; 8(1): 46-50.
22. **Asgary S**, Naderi Gh, Sarafzadegan N, Gharipour M. *In vitro* effect of nicotine and cotinine on the susceptibility of LDL oxidation and hemoglobin glycosylation. *Molecular and Cellular Biochemistry*. 2003; 246(1-2): 117-120.
23. Naderi Gh, **Asgary S**, Sarafzadegan N, Shirvany H. Antioxidant effect of flavonoids on the susceptibility of LDL oxidation. *Molecular and Cellular Biochemistry* 2003; 246(1-2): 193-196.
24. Sarafzadegan N, Sadri Gh, Malek afzali H, Baghaei M, Mohammadifard N, Shahrokhi Sh, Tolooie H, Poormoghaddas M, Sadeghi M, Tavasoli A, Rafie M, Kelishadi R, Rabei K, Bashardoost N, Boshtam M, **Asgary S**, Naderi Gh, Changiz T, Yosefi A. Isfahan Healthy Heart Program: A Comprehensive Integrated Community-Based Program for Cardiovascular Disease Prevention and Control. *Acta Cardiologica* 2003; 58(4): 309-320.
25. **Asgary S**, Naderi Gh, Gharipour M, Dashti Gh, Sajadian A. Effect of *Amirkabiria odoratissima Mozaffarian* on the development and progression of fatty streaks on hypercholesterolemic rabbits. *Iranian J Diab and lip disord*, 2004; 3(1): 83-8
26. **Asgary S**, Gharipour M, Naderi Gh, Sabet B, Khosravi A, Hashemi M. Measuring auto-anti body against modified LDL in cardiovascular patient. *Iranian J Diab and lip disord*, 2004; 4(2):15-21.
27. **Asgary S**, Gharipour M, Naderi Gh, Sabet B, Khosravi A, Hashemi M. Measuring autoantibody against modified LDL in cardiovascular patients. *Iranian J Diab and lip Disord* 2005; 4(2):15-21.
28. Naderi Gh, **Asgary S**, Sarafzadegan N, Oroojy H. Anti-oxidant activity of three extracts of *Morus nigra*. *Phytotherapy Research* 2004; 18(5): 365-9.
29. **Asgary S**, Naderi Gh, Dashti Gh, Paknahad Z. Effect of *Amirkabiria odoratissima mozaffarian* on the development and progression of fatty streaks on hypercholesterolemic rabbits. *Phytotherapy Research* 2004; 18(5): 370-2.
30. Naderi Gh, Orooji H, **Asgary S**, Bashardoost N. "The effect of opium addiction on the plasma levels of fibrinogen, factor VII and CRP". *Tobacco Counters Health* 2004; 3: 177-180.

31. **Asgary S**, Naderi Gh, Ghanadi A, Soghraty M. "Effects of Cigarette Smoke, Nicotine and Cotinine on Red Blood Cells Hemolysis and their -SH Capacity". *Tobacco Counters Health* 2004; 3: 171-177.
32. **Asgary S**, Naderi Gh, Soghraty M, Ahmadi P, Shahrezaei J. R. "Study of plasma lipid peroxidation, lipids and blood sugar level in opium addicts compared with control group". *Tobacco Counters Health* 2004; 3: 167-171.
33. Sarraf-Zadegan N, Boshtam M, Shahrokhi Sh., Naderi Gh, **Asgary S**, Shahparian M, Tafazoli F. Tobacco use among Iranian men, women and adolescents. *European Journal of Public Health* 2004; 14(1): 76-8.
34. **Asgary S**, Naderi Gh, Sadeghi M, Kelishadi R, Amiri M. Anti-hypertensive Effect of Iranian Crataegus curvisepala Lind: a randomized double-blind study. *Drugs under Experimental and Clinical Research* 2004; 30(5/6): 221-225.
35. Naderi Gh, **Asgary S**, Ani M, Sarraf-Zadegan N, Safari M.R. Effect of some volatile oils on the affinity of intact and oxidized low-density lipoproteins for adrenal cell surface receptors. *Molecular and Cellular Biochemistry Journal* 2004; 267(1-2): 59-66.
36. Nasidze, Ling, E.Y.S. Quinque D, Dupanloup L, Cordaux R, Rychkov S, Naumova O, Zhukova O, Sarraf-Zadegan N, Naderi Gh, **Asgary S**, Sardas S, Farhud D.D., Sarkisian T, Asadov C, Kerimov A. Stoneking." Mitochondrial DNA and Y-Chromosome Variation in the Caucasus. *Annals of Human Genetics* 2004; 68(pt3): 205-221.
37. **Asgary S**, Poorshams A., Zolfaghari S, Sadeghi M, Naderi Gh, Askari N, Fazeli A. Comparing efficacy of two different hormonal therapy regimens on activity of coagulation factors VII, VIII, IX and serum lipids in menopausal women. *ARYA Atherosclerosis* 2005; 1(2): 68-71.
38. Ahmadi A, Naderi Gh, **Asgary S**. Evaluation of hepatoprotective potential of HESA.A (a marine compound) pre-treatment against thioacetamide induced hepatic damage in rabbits. *Drugs under Experimental and Clinical Research* 2005; 31 (1): 1-6.
39. Kelishadi R, **Asgary S**, et al. Metabolic syndrome in hypertensive and normotensive subjects: IHHP. *Annals Academy of Medicine* 2005; 34:243-9.
40. Naderi Gh, **Asgary S**, Jafarian A, Askari N, Behagh A, Hasani Aghdam R. Fibrinolytic effects of Ginkgo biloba extract. *Experimental and Clinical Cardiology* 2005; 10 (2):85-87.
41. **Asgary S**, Naderi Gh Ghannady A. Effects of cigarette smoke, nicotine and cotinine on red blood cells hemolysis and their -SH Capacity. *Experimental and Clinical Cardiology* 2005; 10 (2): 116-119.
42. Naderi Gh, **Asgary S**, Taher MA, et al. Antioxidant effect of turmeric and saffron on the oxidation of hepatocytes, LDL and non-enzymatic glycation of hemoglobin. *Journal of medicinal plants* 2005, 4(16): 29-35.
43. **Asgary S**, Naderi Gh, Askari N. Protective effect of flavonoids against red blood cell hemolysis by free radicals. *Experimental and Clinical Cardiology* 2005; 10 (2): 88-90.
44. **Asgary S**, Gh. Naderi, Gh. Dashti, Z. Paknahad. Effect of an anti-inflammatory drug (Piroxicam) on some biochemical factors and development of experimental atherosclerosis in rabbits. *ARYA Atherosclerosis* 2005; 1(1): 1-4.
45. **Asgary S**, Naderi Gh, Soghrati M, Ahmadi P, Shahrezaei J. Study of plasma lipid peroxidation, lipids and blood sugar level in opium addicts compared with control group. *ARYA Atherosclerosis* 2005; 1(2): 72-74.
46. **Asgary S**, Poorshams A, Naderi Gh, et al. Comparing the effect of two different hormonal therapy regimens on the activity of coagulation factors VII, VIII, IX and serum lipids in menopausal women. *Iranian J Diab and Lip Disord*.2005; 4(1): 85-89.

47. **Asgary S**, Naderi Gh, Movahedian A, et al. Inhibitory effects of Crataegus curvisepala, saliva hydrangea and Betula pendula on invitro protein glycosylation. ARYA Atherosclerosis 2006; 1(4):238-241.
48. Iranpour R, Havai A, Kelishadi R, **Asgary S**, Hashemipour M. Serum Leptin levels of maternal cord pairs in intrauterine growth retarded and normal term neonates. ARYA Atherosclerosis 2006; 2(2): 62-67.
49. Ansari R, Azarbeyejani A, Ansari S, **Asgary S**, et al. Production of egg enriched with omega-3-fatty acids in laying hens. ARYA Atherosclerosis 2006; 1(4): 242-246.
50. Shahrokhi Sh, **Asgary S**, et al. The effect of nicotine gum on blood pressure and heart rate. ARYA Atherosclerosis 2006, 1(4): 252-256.
51. **Asgary S**, Sadeghi M, Naderi Gh, et al. A study of the antioxidant effects of Iranian Captopril on patients with hypertension and heart failure. ARYA Atherosclerosis 2006; 1(4): 256-260.
52. Hashemi M, Akhavan S, **Asgary S**, Naderi Gh, et al. Post coronary artery bypass graft and its related risk factors. ARYA Atherosclerosis 2006; 1(4): 247-251.
53. Movahedian A, Dashti Gh, Naderi Gh, **Asgary S**, Zadhoosh F. Antioxidant effects of L-serin against fatty streak formation in hypercholesterolemic animals. ARYA Atherosclerosis 2006; 2(3): 126-129.
54. **Asgary S**, Poor Shams A, Naderi Gh, Siadat A.H, Askari N, Jafari M. Comparative efficacy of two different hormonal therapy regimens on activity of coagulation factors VII, VIII, IX and serum lipids in menopausal women.; Journal of Cell and Tissue Research 2006; 6(1):601-604
55. Madani H, **Asgary S**, Naderi Gh, et al. Hepatoprotective effect of chichorium intybus L. on liver toxicity in rat. Journal of Medicinal Plants. 2006; 5(17): 32-38.
56. **Asgary S**, Naderi Gh, Siadat H, Jafari M. Evaluation of the effect of cigarette on the lipid peroxidation, values of HbA1C, Quantitative CRP and Conjugated Dienes (CDs). Journal of Cell and Tissue Research 2006; 6(1): 597-600.
57. **Asgary S**, Madani H, Naderi Gh, Siadat A.H, Touri Sh, Talebolhosseini M, Jafari M. Hepatoprotective effect of *Glycyrrhiza glabra* against thioacetamide induced toxiccty. Journal of Cell and Tissue Research 2006; 6(1): 591-595.
58. Hashemi pour M, Kelishadi R, **Asgary S**, Talaei M, Salek M, Mohamadi fard N, Tavakoli N, Soghrati M. Efficacy of herbal mixtures in childhood obesity control. J ped Neonat 2006; 3(2): PD 1-5
59. Madani H, Talebolhosseini M, **Asgary S**, Mahzooni P, Razban E. Preventive effect of hydroalcoholic extract of Silbum Marianum and Fumaria vaillantii in atherosclerosis. Pharmaceutical Sciences 2007; 19(2): 29-34.
60. **Asgary S**, Naderi Gh, Siadat A.H. Plasma lipid peroxidation, and blood sugar level in opium addicts. Journal of Cell and Tissue Research 2007; 7(1): 905-908.
61. **Asgary S**, Naderi Gh, Gharipoor M, Sabet B, et al. Measuring autoantibody against modified LDL in cardiovascular patients. Journal of Cell and Tissue Research 2007; 7(1): 899-903.
62. **Asgary S**, Jafari Dinani N, Madani H, Mahzoni P, Naderi Gh. Effect of *Glycyrrhiza glabra* extract on aorta wall atherosclerotic lesion in hypercholesterolemic rabbit. Pakistan Journal of Nutrition 2007; 6(4): 313-317.
63. **Asgary S**, Saberi SA, Azampanah Sh. Effect of immunization against ox-LDL with two different antigens on formation and development of atherosclerosis. Lipids in Health and Disease 2007; 6(32): 1-6.

64. **Asgary S**, Moshtaghian J, Naderi G, Fatahi Z, Hosseini M, Dashti G, Adibi S. Effects of dietary red clover on blood factors and cardiovascular fatty streak formation in hypercholesterolemic rabbits. *Phytother Res* 2007; 21(8):768-70.
65. **Asgary S**, Barkhordari H, Hojjat H, Nederi Gh. Does morphine use increase risk of atherosclerosis in animals on normal or high cholesterol diet? *ARYA Atherosclerosis* 2007; 3(3): 131-134.
66. Nayeri H, Nederi Gh, Javadi E, **Asgary S**. Correlation between time of LDL to in vitro oxidation and in vivo oxidized LDL in the Patients with coronary artery disease. *ARYA Atherosclerosis* 2008; 4(3): 98-102.
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69. Kelishadi R, Hashemi M, Mohammadifard N, **Asgary S**, Khavarian N. Association of changes in oxidative and proinflammatory states with changes in vascular function modification trial among obese children. *Clin Chemm* 2008; 54(1): 147-153.
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72. Sarraf zadegan N, Rabiei K, Kadir A, **Asgary S**, Tavassoli A, Khosravi A. Changes in lipid profile of patients referred to a cardiac rehabilitation program. *Eur J Cardio Prev Rehabil* 2008; 15(4): 467-472.
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78. **Asgary S**, Nazari B, Sarraf zadegan N, Saberi S. Fatty acid composition commercially available Iranian edible oils. *JRMS* 2009; 14(4):211-215.
79. Sedighe **Asgary**, Shaghayegh Haghjooyjavanmard, Mahbubeh Setorki, Mahmood Rafieian, Sassan Haghghi, Akram Eidi and Ali Haeri Rohani.The postprandial effect of apple jouice intake on some of the biochemical risk factors of atherosclerosis in male rabbit. *Journal of Medicinal Plants Research* Vol. 3(10), pp. 785-790, October, 2009

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81. Setorki M, **Asgary S**, Eidi A, et al. Effects of apple juice on risk factors of lipid profile inflammation and coagulation, endothelial markers and atherosclerotic lesions in high cholesterolemic rabbits. *Lipids in Health and Disease* 2009; 8(39).
82. Solhpour A, Parkhideh S, Sarrafzadegan N, **Asgary S**, et al. Levels of lipids and apolipoproteins in three centers. *Atherosclerosis* 2009; 207(1): 200-207.
83. Sarrafzadegan N, Kelishadi R, Dana siyat Z, Esmaillzadeh A, Solhpour A, **Asgary S**. Obesity and cardiometabolic risk factors in a representative population of Iranian adolescents and adults in comparison to a western population: The Isfahan Healthy Heart Programme. *Public Health Nutrition* 2009.
84. Khosravi A, Kelishadi R, Poormoghadas M, **Asgary S**, et al. Preprocedural C-reactive protein predictive value in angiographic in-stent restenosis after coronary stent placement in patients with stable angina. *Archives of Medical Sciences* 2009, 5(2): 166-171.
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87. Somayeh Kazemi, **Sedigheh Asgary**, Jamal Moshtaghian), Mahmoud Rafieian, Azadeh Adelnia, Fatemeh Shamsi. liver-protective effects of hydroalcoholic extract of allium hirtifolium boiss. in rats with alloxan-induced diabetes mellitus. *arya Atherosclerosis Journal* 2010, 6(1): 11-15.
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91. Setorki M, **Asgary S**, Eidi A, Rohani A. Effects of acute verjuice consumption with a high-cholesterol diet on some biochemical risk factors of atherosclerosis in rabbits. *Med Sci Monit* 2010; 16(4); 124-130.
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population of Iranian adolescents and adults in comparison to a Western population: the Isfahan Healthy Heart Programme. Public Health Nutrition / Volume 13 / Issue 03 / March 2010, pp 314 - 323.

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98. Emami S. A, **Asgary S**, Naderi G. A, Shams Ardekani M. R., Kasher T, Aslani S, Airin A, Sahebkar A. Antioxidant activities of Juniperus foetidissima essential oils against several oxidative systems. Brazilian Journal Pharmacognosy. 21(4): 627-634, Jul./Aug. 2011
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