



Prof. Omid Sabzevari, Pharm.D., Ph.D.

Professor of Molecular Toxicology and Drug Metabolism

Department of Toxicology & Pharmacology, Faculty of Pharmacy

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Home pages: <http://www.researcherid.com/rid/G-5811-2011>; <http://www.tums.ac.ir/faculties/omidsabz>

Description:

Omid Sabzevari (OS) is a scientist in the fields of Mechanistic Toxicology and Pharmacology, Cancer Research, Sepsis, Hepatotoxicity, Xenobiotics Analysis and Food Safety. OS was listed among Top 1% Scientists of the World according to ESI/ISI in May 2012. OS served as Temporary Adviser of WHO and a scientific member of the Expert Panel on Food Safety, JECFA.

OS is a Councillor member of ASIATOX.

OS is a Member of Board of Pharmaceutical Sciences (BPS), and Fellowship Award selection committee, FIP.

OS is President of Iranian Association of Pharmaceutical Scientists (IranAPS).

OS is President of Iranian Society of Toxicology (IranTox).

OS is Head of Toxicology and Poisoning Research Centre, TUMS.

OS is Head of Desk for International Cooperation with Malaysia and Singapore, TUMS.

Personal:

Married, born in Tehran on December 28, 1964.

Educations:

Tehran University of Medical Sciences* (TUMS)
Tehran-14155/6451, IR IRAN

Pharm.D.
1983-1988

University of Surrey (U of S)
Guildford GU2 5XH, UK

Ph.D., 1990-1994
Molecular Toxicology

TUMS
Tehran-14155/6451, IR IRAN

Assistant Professor
Toxicology/Pharmacology
1994-1999

TUMS
Tehran-14155/6451, IR IRAN

Associate Professor
Toxicology/Pharmacology
1999-2006

University of Toronto (U of T)
Toronto, Canada

Visiting Professor (Sabbatical leave)
Toxicology/Drug Metabolism
2000-2001

TUMS
Tehran-14155/6451, IR IRAN

Professor
Toxicology/Pharmacology
2006-Present

* Formerly called University of Tehran for both medical and non-medical courses.



Teaching Experiences:

Toxicology: Molecular Toxicology, Drug Metabolism, Hepatotoxicity, Analytical/Forensic Toxicology,
Management of Poisoning and Drug Overdose: Hallucinogenics, NSAIDs, Narcotics, Opioids, Addiction

Pharmacology: Pharmacokinetic, Drug Biotransformation, Drug Interactions, Drugs of Abuse, Antifungal Agents, Pancreatic Hormones & Antidiabetic Drugs, Opioid Drugs

Research/Professional Experiences:

2023- Present	President , Iranian Society of Toxicology (IranTOX)
2020- Present	Head , Desk for International Cooperation with Malaysia and Singapore, TUMS
2017	President , 15 th Iranian Congress of Pharmaceutical Scientists (ICPS-15)
2016- 2022	Vice-Chancellor , International Affairs, VUMS
2015- 2018	Chairman of the Board , Aburaihan Pharmaceutical Company
2015	President , 14 th Iranian Pharmaceutical Scientists Congress (IPSC-14)
2014- 2020	Chairman , Department of RadioPharmacy, Faculty of Pharmacy, TUMS
2013- Present	President , Iranian Association of Pharmaceutical Scientists (IranAPS)
2013- 2021	President , Iranian Society of Toxicology (IranTOX)
2012-2014	Chairman , Department of Virtualization, Faculty of Virtual, TUMS
2011- Present	Head , Basic and Clinical Toxicology Research Centre, TUMS
2007-2015	Head , Core Facility, TUMS
2006- Present	Professor , TUMS, Molecular Toxicology & Drug Metabolism
2004	General Secretary , Iranian Congress on Toxicology & Poisonings (ICTP-8)
2003-2005	Director-General , Food & Drug Control Labs (NCL), MOHME
2003-2005	Project Coordinator at Ministry of Health (FAO/IRAN Co-Project) Management, Analysis & Control of Mycotoxins in IRAN
2002-2005	President , Iranian Association of Pharmaceutical Scientists (IranAPS)
2002-	Temporary Adviser , IPCS Harmonization Steering Committee (WHO)
2000-2001	Visiting Professor (Sabbatical leave), U of T, Canada
1999-2006	Associate Professor , TUMS, Molecular Toxicology & Pharmacology
1999-2000	Secretary - Board of Toxicology Examination, MOHME
1988-1990	Instructor , TUMS, General Toxicology
1997-2000	Member , National Formulary Committee, MOHME
1997	Scientific Secretary , APAMT-1 & ICTP-5 1 st International Congress of Asia-Pacific Association of Medical (APAMT-1) Toxicology and 5 th Iranian Congress on Toxicology & Poisonings (ICTP-5)
1996-2011	Manager , Bouali Pharmacy, TUMS
1996-2005	Member , Board of Toxicology Examination, MOHME
1996	Member , National Committee on Health and Chemical Safety, MOHME
1995-1998	Secretary-General , Iranian Society of Toxicology (IranTox)
1995-1996	Director-General , Laboratory, Legal Medicine Organisation
1994-1999	Assistant Professor , TUMS, Molecular Toxicology & Pharmacology
1991-1994	Teaching Assistant , U of S, UK, Biochemistry/Toxicology
1990-1994	Research Assistant , U of S, UK, Xenobiotics Metabolism



Grants:

- Research studentship, “Azole Antifungal Drugs and CYP450 Induction.” Ministry of Health and Medical Education (MOHME), IR IRAN, 1990-1994.
- Research studentship – “Special supplementary award.” University of Surrey, UK, 1991-1993.
- Research Council Grant, “Cytotoxicity of Fenugreek extract.” MOHME, IR IRAN, 1997-1998.
- Research Council Grant, “Morphine & Codeine identification in urine by column chromatography/TLC.” TUMS, IR IRAN, 1999-2000.
- Rosenstadt Fellowship, U of T, CANADA, 2000-2001.
- Research Council Grant, “Morphine determination in human hair by GC/MS.” TUMS, IR IRAN, 2001-2002.
- Research Council Grant, “Screening of Opium and Heroine abusers by GC-MS Analysis of human hair.” TUMS, IR IRAN, 2003-2004.
- National Centre for Medical Sciences Research Grant, “Isolation, identification & typing of Salmonella in dairy foods by PCR.” MOHME, IR IRAN, 2003-2005.
- National Centre for Medical Sciences Research Grant, “Potency evaluation of MMR viral vaccines used in Iran.” MHME, IR IRAN, 2003-2005.
- Centre for Excellency of Toxicology Grant, “Detection of Aflatoxin B1 in hair.” TUMS, IR IRAN, 2004-2005.
- Centre for Excellency of Toxicology Grant, “Determination of Erucic acid in infant Formula by GC.” TUMS, IR IRAN, 2004-2005.
- Research Council Grant, “Study of protective effect of ten Iranian medicinal plants on acetaminophen hepatotoxicity in mice.” TUMS, IR IRAN, 2005-2006.
- Centre for Excellency of Toxicology Grant, “Determination of pentachlorophenol in pulp paper boards used in food packaging.” TUMS, IR IRAN, 2005-2006.
- Research Council Grant, “Simultaneous determination of water soluble vitamins in premixes and food complements.” TUMS, IR IRAN, 2004-2006.
- Research Council Grant, “Role of five Scrophularia sp. extracts on acetaminophen hepatotoxicity in mice.” TUMS, IR IRAN, 2005-2007.
- Research Council Grant, “Role of hydroxychalcones on acetaminophen hepatotoxicity in mice.” TUMS, IR IRAN, 2006-2008.
- Research Council Grant, “Study of hepathoprotective effect of Fumaria sp and monomethyl fumarate in comparison to Silybum marianum and silymarin.” TUMS, IR IRAN, 2007-2009.
- Research Council Grant, “Study of protective role of silymarin on liver injury induced by aflatoxin.” TUMS, IR IRAN, 2007-2009.
- Research Council Grant, “Study on the protective role of alcoholic extract of Nasturtium officinale (L (.R. Br. on liver toxicity induced by acetaminophen and evaluation of TGFβ1 and c-myc gene expression using RT-PCR.” TUMS, IR IRAN, 2008-2010.
- Research Council Grant, “Study of Protective effects of Thymoquinone on Aflatoxin B1-induced acute hepatotoxicity in Rat.” TUMS, IR IRAN, 2008-2010.



Grants (Continued):

- Research Council Grant, “Determination of melamine and cyanuric acid in milk samples marketed in Tehran.” TUMS, IR IRAN, 2009-2010.
- Research Council Grant, “Effect of teratogens on P4501A1 expression in limb bud culture.” TUMS, IR IRAN, 2010-2011.
- Research Council Grant, “Biological preparation, characterization and LD₅₀ of selenium nanoparticles and study of their effects against metalloproteinase type-II matrix.” TUMS, IR IRAN, 2010-2012.
- Research Council Grant, “Study on effectiveness of laccase in degradation of aflatoxin B1” TUMS, IR IRAN, 2011-2013.
- Research Council Grant, “Antioxidant and Anti-inflammatory effects of Phloretin, 4-OH and 2'-4 DiOH Chalcones in cepsis model” TUMS, IR IRAN, 2012-2014.
- Research Council Grant, “Genotoxicity evaluation of aflatoxin B1 degradation products by laccase in hepatocyte-like cells differentiated from mesenchymal stem cells isolated from umbilical cord blood” TUMS, IR IRAN, 2013-2015.
- Research Council Grant, “Study of hemorrhagic cystitis frequency and GSTM1/P1 polymorphisms in patients treated with Cyclophosphamide” TUMS, IR IRAN, 2014-2016.
- Research Council Grant, “Effects of Acetyl-L-carnitine on mitochondrial dysfunction and apoptosis of arsenic induced hepatotoxicity in rat” TUMS, IR IRAN, 2014-2016.
- Research Council Grant, “Anti-inflammatory effect of Betasytostrol in an experimental sepsis model in rats” TUMS, IR IRAN, 2015-2017.
- Research Council Grant, “The anticancer effect of Ficus carica on Hepatocellular carcinoma in Balb/c mice” TUMS, IR IRAN, 2015-2017.
- Research Council Grant, “Evaluation of acute toxicity, anti-inflammatory, and hepatoprotective effects of Matricaria chamomilla L. extract and fractions of apigenin and alpha-bisabolol on liver-injury in a rat model of sepsis” TUMS, IR IRAN, 2016-2018.
- Research Council Grant, “Protective effect of crocin on mitochondrial dysfunction and Nrf2/ARE/HO-1 signaling pathway induced by methotrexate” TUMS, IR IRAN, 2016-2018.
- Research Council Grant, “Synthesis, quality control and biological evaluation of nanosize folic acid and RGD conjugated anionic PEG-citrate G3 dendrimer labeled with 99mTc and 67Ga for breast cancer model detection” TUMS, IR IRAN, 2017-2019.
- Research Council Grant, “Determination of bisphenol A in the urine and tissue samples of human breast cancer and its relationship with resistance to chemotherapy” TUMS, IR IRAN, 2017-2019.
- Research Council Grant, “Cytotoxicity of the conductive scaffold containing rolipram following electrical stimulation for differentiation of neural stem cells toward neuron-like cells” TUMS, IR IRAN, 2018-2020.
- Research Council Grant, “In vitro study of oxidative stresses due to traumatic spinal cord injuries using tirilazad-loaded silk fibroin particulates” TUMS, IR IRAN, 2018-2020.
- Research Council Grant, “Study of protective effect of gingerol on sepsis induced hepatotoxicity and cardiotoxicity in rat” TUMS, IR IRAN, 2019-2021.
- Research Council Grant, “Designing of a drug delivery system based on Poly (N-isopropylacrylamide) hydrogel for sustain-release of Curcumin” TUMS, IR IRAN, 2020-2022.



Awards:

- Listed among Top 1% Scientists of the World according to ESI/ISI in May 2012.
- Avicenna Festival, TUMS, 2005
- Iranian Medical Council, 2005
- Research Fellowship, U of T, 1990
- Avicenna Festival, TUMS, 1999
- Research Assistantship, U of S, 1990

Memberships:

International Society for the Study of Xenobiotics (ISSX)
International Union of Toxicology (IUTOX)
International Pharmaceutical Federation (FIP)
FIP Board of Pharmaceutical Sciences (BPS)
UK Drug Metabolism Group (DMG)
University of Surrey Union (U of S)
University of Toronto Alumni (U of T)
Iranian Medical Council (IranMC)
Iranian Society of Toxicology (IranTOX)
Iranian Association of Pharmacists (IranAP)
Iranian Society of Physiology & Pharmacology (IranSPP)
Iranian Association of Pharmaceutical Scientists (IranAPS)
TUMS Faculty Union (JAHD)

Meetings/Workshops:

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| 1) 3 rd Iranian Conference of Pharmaceutical Sciences | 1987 |
| 2) 8 th International Congress of Physiology & Pharmacology | 1987 |
| 3) Pharmacology and Pharmacokinetic Workshop | 1988 |
| 4) 1 st Iranian Congress on Toxicology & Poisonings | 1989 |
| 5) 9 th International Congress of Physiology & Pharmacology | 1989 |
| 6) IV World Conference on Clinical Pharmacology & Therapeutics (Germany) | 1989 |
| 7) Idiosyncratic Reactions Conference (Germany) | 1989 |
| 8) The XI th International Pharmacology Conference (Holland) | 1990 |
| 9) International Narcotics Research Conference (Holland) | 1990 |
| 10) Drug Metabolism Group Meeting, London (UK) | 1991 |
| 11) Drug Metabolism Group Meeting, London (UK) | 1992 |
| 12) 4 th Iranian Conference of Pharmaceutical Sciences | 1992 |
| 13) 4 th North American ISSX Meeting (USA) | 1992 |
| 14) Drug Metabolism Group Meeting, Nottingham (UK) | 1993 |
| 15) Drug Metabolism Group Meeting, London (UK) | 1994 |
| 16) Molecular Toxicity Workshop; Theory & Laboratory Techniques | 1995 |
| 17) 4 th Iranian Congress on Toxicology & Poisonings | 1995 |
| 18) 12 th Iranian Congress of Physiology & Pharmacology | 1995 |
| 19) New Developments in Atomic Absorption Workshop | 1996 |



Meetings/Workshops (Continued):

20) 7 th Iranian Seminar of Analytical Chemistry	1996
21) EUROTOX '97 Congress (Denmark)	1997
22) 6 th European ISSX meeting (Sweden)	1997
23) 5 th Iranian Conference of Pharmaceutical Sciences	1997
24) 13 th Iranian Congress of Physiology & Pharmacology	1997
25) 1 st Int. Congress of Asia-Pacific Association of Medical Toxicology & 5 th Iranian Congress on Toxicology & Poisonings	1997
26) Chemical Safety Workshop (IPCS-WHO)	1997
27) VIII th International Congress of Toxicology, IUTOX (France)	1998
28) Workshop on Management of Chemical Accidents (IPCS-WHO)	1998
29) 6 th Iranian Conference of Pharmaceutical Sciences	1998
30) CEHA (WHO) Regional Workshop on Chemical Safety (Syria)	1998
31) 14 th Iranian Congress of Physiology & Pharmacology	1999
32) EUROTOX'99 Congress (Norway)	1999
33) 3 rd COVANCE Institute Seminar (Norway)	1999
34) 6 th Iranian Congress on Toxicology & Poisonings	1999
35) 7 th European ISSX meeting (Hungary)	1999
36) 18 th International Congress of Biochemistry and Molecular Biology (UK)	2000
37) 7 th Iranian Pharmaceutical Sciences Congress	2000
38) EUROTOX'2000 Congress (UK)	2000
39) 15 th Iranian Congress of Physiology and Pharmacology	2001
40) 3 rd Int. Congress of Asia-Pacific Association of Medical Toxicology (Malaysia)	2001
41) WHO Good Clinical Practice	2002
42) 7 th Iranian Congress on Toxicology & Poisonings	2002
43) 2 nd Training Course on Promoting Rational Use of Drugs (WHO)	2002
44) 59 th Joint FAO/WHO Expert Committee on Food Additives (Switzerland)	2002
45) 5 th International Congress on Traditional Asian Medicine (Germany)	2002
46) 8 th Iranian Pharmaceutical Sciences Congress	2002
47) 50 th Annual Congress of the Society for Medicinal Plant Research (Spain)	2002
48) IPCS (WHO) 10 th Final Review Board Meeting (UK)	2002
49) 6 th Meeting of IPCS (WHO) Harmonization Steering Committee (Switzerland)	2002
50) 16 th Iranian Congress of Physiology and Pharmacology	2003
51) 51 st Annual Congress of the Society for Medicinal Plant Research (Germany)	2003
52) 14 th Iranian Congress of Food Industry	2003
53) Colloquium Spectroscopicum Internationale XXXIII (Spain)	2003
54) CAMAG Planar Chromatography Workshop	2003
55) X th International Congress of Toxicology, IUTOX (Finland)	2004
56) 9 th Iranian Pharmaceutical Sciences Congress	2004
57) IPCS (WHO) 12 th Final Review Board Meeting (Vietnam)	2004
58) 8 th Iranian Congress on Toxicology & Poisonings	2004
59) WHO (GTN) Training Course on Quality System (UK)	2005



Meetings/Workshops (Continued):

60) WHO/FAO Workshop on Nutrition Risk Assessment (Switzerland)	2005
61) WHO Workshop on Iron Malnutrition and Flour/Food Fortification	2005
62) IV th International Congress of Ethnobotany (Turkey)	2005
63) IPCS (WHO) 13 th Final Review Board Meeting (India)	2005
64) Workshop on GHS system of Classification and Labelling of Chemicals (India)	2005
65) 10 th Iranian Pharmaceutical Sciences Congress	2006
66) Workshop on Rss (Really Simple Syndication)	2007
67) 9 th Iranian Congress on Toxicology	2007
68) 3 rd International Congress on Traditional Medicine (Malaysia)	2007
69) 11 th Iranian Pharmaceutical Sciences Congress	2008
70) EUROTOX'2008 Congress (Greece)	2008
71) WHO Expert Meeting in Collaboration with FAO (Canada)	2008
72) 10 th Iranian Congress on Toxicology	2009
73) Workshop on Synergy4	2009
74) FIP2009: 69 th World Congress of Pharmacy and Pharmaceutical Sciences (Turkey)	2009
75) Workshop on Applications of Flow Cytometry in Nanomaterial Toxicology (India)	2010
76) IUOTOX'2010 Congress (Spain)	2010
77) 11 th Iranian Congress on Toxicology	2011
78) EUROTOX'2011 Congress (France)	2011
79) EUROTOX'2012 Congress (Sweden)	2012
80) 12 th Iranian Congress on Toxicology	2013
81) FIP2013: 73 rd World Congress of Pharmacy and Pharmaceutical Sciences (Ireland)	2013
82) BPS2013: FIP Board of Pharmaceutical Sciences (Ireland)	2013
83) 2 nd Symposium of Avicenna: Medicine in the New Millennium (Japan)	2013
84) FIP2014: 74 th World Congress of Pharmacy and Pharmaceutical Sciences (Thailand)	2014
85) BPS2014: FIP Board of Pharmaceutical Sciences (Thailand)	2014
86) BPS2015: FIP Board of Pharmaceutical Sciences (The Netherlands)	2015
87) 13 th International Iranian Congress on Toxicology	2015
88) FIP2015: 75 th World Congress of Pharmacy and Pharmaceutical Sciences (Germany)	2015
89) BPS2015: FIP Board of Pharmaceutical Sciences (Germany)	2015
90) 14 th Iranian Pharmaceutical Sciences Congress	2015
91) PharmaFuture2016	2016
92) BPS2016: FIP Board of Pharmaceutical Sciences (The Netherlands)	2016
93) FIP2016: 76 th World Congress of Pharmacy and Pharmaceutical Sciences (Argentina)	2019
94) 14 th Iranian Congress on Toxicology	2017
95) 15 th Iranian Pharmaceutical Sciences Congress	2017
96) BPS2019: FIP Board of Pharmaceutical Sciences (The Netherlands)	2019
97) 7 th World Health Summit Regional Meeting	2019
98) FIP2019: 79 th World Congress of Pharmacy and Pharmaceutical Sciences (UAE)	2019
99) 15 th Iranian Congress on Toxicology	2019
100) 16 th Iranian Pharmaceutical Sciences Congress	2019
101) 3 rd Pharmacy Update Congress	2020



Publications

A. Books:

- **1)** Gibbson GG, Chinje EC, **Sabzevari O**, Kentish PA and Lewis DFV. "Peroxisome proliferators as CYP450 inducers." In: G Gibson & B Lake (eds.), PEROXISOMES, Biology and Importance in Toxicology and Medicine. Taylor & Francis, London, pp: 119-136, 1993.
- **2)** **Sabzevari O** (1994). "Azole antifungal drugs and cytochrome P450 induction." Ph.D. Thesis, University of Surrey, Guildford, UK.
- **3)** **Sabzevari O**, Aboufazeli R, Ostad SN, Jorjani M, Cheraghali M, Rooshanzamir F, Shafaati AR and Mosaddegh M. DARUNAMEH1 (National Formulary of IRAN). Pakhsh-Razi Co., Tehran, 1999.
- **4)** **Sabzevari O**, Aboufazeli R, Ostad SN, Jorjani M, Cheraghali M, Rooshanzamir F, Shafaati AR, Mosaddegh M and Narengkar J. DARUNAMEH2 (National Formulary of IRAN). Pakhsh-Razi Co., Tehran, 2000.
- **5)** **Sabzevari O**, Aboufazeli R, Ostad SN, Jorjani M, Cheraghali M, Shafaati AR, Mosaddegh M and Narengkar J. DARUNAMEH3 (National Formulary of IRAN). Pakhsh-Razi Co., Tehran, 2003.
- **6)** **Sabzevari O**, Aboufazeli R, Ostad SN, Cheraghali M, Salamzadeh A, Shafaati AR, Fayzi M, Kobarfard F, Mosaddegh M, Narengkar J and Yazdanpanah H. DARUNAMEH4 (National Formulary of IRAN). Sh. Beheshti Research Centre, Tehran, 2007.
- **7)** **Sabzevari O**, Ghahremani MH, Sharifzadeh M, Abdollahi M, Hosseini R, Ostad SN, Balali-Mood M, Emam A, Oveisi MR, Shariatpanahi M. Toxicology. Tehran University of Medical Sciences, Tehran, 2007.
- **8)** **Sabzevari O**, Aboufazeli R, Cheraghali M, Salamzadeh A, Kobarfard F, Mosaddegh M, Ostad SN, Narengkar J, Tavakkoli-Ardekani M, Nazari A, Ghaeli P and Yazdanpanah H. DARUNAMEH5 (National Formulary of IRAN). Sh. Beheshti Research Centre, Tehran, 2010.
- **9)** **Sabzevari O**, Cheraghali M, Kobarfard F, Mosaddegh M, Ostad SN, Narengkar J, Tavakkoli-Ardekani M, Abbasi-Nazari M, Hosseini-Shirazi F, Fayzi M, Shahhosseini S, Sistanizad M, Sayah M, Mojab F, Naderi N and Yazdanpanah H. DARUNAMEH6 (National Formulary of IRAN). Sh. Beheshti Research Centre, Tehran, 2013.
- **10)** **Sabzevari O**, Tritscher A. "Joint FAO/WHO Expert Meetings" In: Philip Wexler, ENCYCLOPEDIA OF TOXICOLOGY. 3rd ed, Elsevier, pp: 9-12, 2014.
- **11)** **Sabzevari O**, Cheraghali M, Narengkar J, Kobarfard F, Ostad SN, Tavakkoli-Ardekani M, Abbasi-Nazari M, Hosseini-Shirazi F, Fayzi M, Shahhosseini S, Sistanizad M, Sayah M, Mojab F, Naderi N and Yazdanpanah H. DARUNAMEH7 (National Formulary of IRAN). Ratuional Drug Use Research Centre, Tehran, 2016.
- **12)** **Sabzevari O**. "Joint FAO/WHO Expert Meetings (JECFA and JMPR)" In: Philip Wexler, ENCYCLOPEDIA OF TOXICOLOGY. 4th ed, Elsevier, pp: 735-739, 2024. [dx.doi.org/10.1016/B978-0-12-824315-2.00597-2](https://doi.org/10.1016/B978-0-12-824315-2.00597-2). ISBN: 9780323854344

B. WHO Books:

- **1)** 59 Meeting of the Joint FAO/WHO Expert committee on Food Additives. Evaluation of Certain Food Additives (WHO Technical Report Series 913), WHO, Geneva, 2002.
- **2)** Concise International Chemical Assessment Document, N° 47. Arsine: Human Health Aspects, International Programme on Chemical Safety, WHO, Geneva, 2002.



B. WHO Books (Continued):

- **3)** Concise International Chemical Assessment Document, N° 49. Thiourea, International Programme on Chemical Safety, WHO, Geneva, 2003.
- **4)** Concise International Chemical Assessment Document, N° 51. 1,1-Dichloroethene Vinylidene Chloride, International Programme on Chemical Safety, WHO, Geneva, 2003.
- **5)** Concise International Chemical Assessment Document, N° 53. Hydrogen Sulfide: Human Health Aspects, International Programme on Chemical Safety, WHO, Geneva, 2003.
- **6)** Concise International Chemical Assessment Document, N° 54. Ethylene Oxide, International Programme on Chemical Safety (IPCS), WHO, Geneva, 2003.
- **7)** Concise International Chemical Assessment Document, N° 56. 1,2,3-Trichloropropane, IPCS, WHO, Geneva, 2003.
- **8)** Fifty-ninth Meeting of the Joint FAO/WHO Expert committee on Food Additives (JECFA). Safety Evaluation of Certain Food Additives (WHO Food Additives Series: 50), IPCS, WHO, Geneva, 2003.
- **9)** Concise International Chemical Assessment Document, N° 61. Hydrogen Cyanide and Cyanides: Human Health Aspects, IPCS, WHO, Geneva, 2004.
- **10)** Concise International Chemical Assessment Document, No. 64. Butyl Acetates, IPCS, WHO, Geneva, 2005.
- **11)** Concise International Chemical Assessment Document, No. 65. Tin and Inorganic Tin Compounds, IPCS, WHO, Geneva, 2005.
- **12)** Concise International Chemical Assessment Document, No. 66. 2,4,6-Tribromophenol and other Simple Brominated Phenols, IPCS, WHO, Geneva, 2005.
- **13)** Concise International Chemical Assessment Document, No. 68. Tetrachloroethene, IPCS, WHO, Geneva, 2006.
- **14)** Concise International Chemical Assessment Document, No. 69. Cobalt and inorganic cobalt compounds, IPCS, WHO, Geneva, 2006.
- **15)** Joint FAO/WHO Technical Workshop on Nutrient Risk Assessment, A Model for Establishing Upper Levels of Intake for Nutrients and Related Substances, Food and Agriculture Organization of the United Nation, WHO, Geneva, 2006.
- **16)** Concise International Chemical Assessment Document, No. 70. Heptachlor, IPCS, WHO, Geneva, 2006.
- **17)** Concise International Chemical Assessment Document, No. 71. Resorcinol, IPCS, WHO, Geneva, 2006.
- **18)** Concise International Chemical Assessment Document, No. 73. Mono and disubstituted methyltin, butyltin, and octyltin compounds, IPCS, WHO, 2006.
- **19)** Concise International Chemical Assessment Document, No. 72. Iodine and inorganic iodides: Human health aspects, IPCS, WHO, Geneva, 2009.
- **20)** Report of WHO Expert meeting in collaboration with FAO. Toxicological and health aspects of melamine and cyanuric acid, WHO, Geneva, 2009.
- **21)** Concise International Chemical Assessment Document, No. 67. Selected 2-Alkoxyethanols, IPCS, WHO, Geneva, 2010.



C. Abstracts:

- **1) Sabzevari O** and Dehpour AR (1989). "Effect of ranitidine on the rabbit isolated jejunum." *European J. Clinical Pharmacology* (Suppl. 1): 36, A175 (PP 04.45).
- **2) Sabzevari O** and Dehpour AR (1989). "Effect of ranitidine on the chick biventer cervices." *Proceedings of 9th International Congress of Physiology and Pharmacology*, S75.
- **3) Sabzevari O**, Ghahremani MH, Dehpour AR (1990). "Changes in morphine and clonidine sensitivity of isolated chick oesophagus during development." *European J. Pharmacology*, 183(6): 2419 (P.fr.359).
- **4) Sabzevari O**, Cheraghali AM, Azizi E (1990). "Determination of mustard gas and thiodiglycol in biological fluid." *Proceedings of 2nd International Congress on Toxicology and Poisonings*, S43.
- **5) Sabzevari O**, Kentish PA, Hatcher M, Gibson GG (1992). "Azole antifungal drugs: new inducers of the cytochrome P4504A subfamily." *ISSX Proceedings, 4th North American ISSX Meeting*, Florida, 4 (P96).
- **6) Sabzevari O** and Gibson GG (1992). "Induction of rat hepatic (P4504A subfamily) and peroxisomal enzymes by bifonazole." *Proceedings of 4th Iranian Seminar of Pharmaceutical Sciences*, S136.
- **7) Sabzevari O** (1995). "Small induction of cytochrome P4504A subfamily by bifonazole in rat kidney." *Proceedings of 4th Iranian Congress on Toxicology and Poisonings*, S65.
- **8) Sabzevari O** (1995). "In vitro induction of the cytochrome P4504A subfamily by bifonazole." *Proceedings of 12th Iranian Congress of Physiology and Pharmacology*, Sy5-4 (S294).
- **9) Sabzevari O** and Shahi-Nosratabad M (1996). "Determination of methanol in post-mortem blood by Gas chromatography method." *Proceedings of 7th Iranian Seminar of Analytical Chemistry*, S73.
- **10) Sabzevari O**, Khaje-Amiri AR and Shahi-Nosratabad M (1997). "Comparison of microdiffusion/chemical methods with GC in determination of blood and urine ethanol." *Int. J. Pharmacology & Toxicology*, 80 (Suppl. III): P2-13 (74).
- **11) Ostad SN, Sabzevari O**, Gard PR (1997). "Local drug delivery of chlorhexidine diacetate by diffusion from hollow nylon fibbers: toxicity and teratogenicity." *Proceedings of 1st International Congress of Asia-Pacific Association of Medical Toxicology and 5th Iranian Congress on Toxicology and Poisonings*, S15.
- **12) Sabzevari O**, Khaje-Amiri AR, Askarei Z, Shahi-Nosratabad M (1997). "A comparison of an enzymatic kit and GC for ethanol analysis in blood and urine." *ISSX Proceedings, 6th European ISSX Meeting*, Gothenburg, 11 (P139).
- **13) Sabzevari O**, Soltanzadeh A, Shaikhi M (1998). "Botulinum A toxin in treatment of Blepharospasm and Hemi-facial spasm." *Proceedings of 6th Iranian Seminar of Pharmaceutical Sciences*, S85.



C. Abstracts (Continued):

- **14) Sabzevari O**, Ebrahimi K, Karimi GR (1998). "Screening of oestrogen and progesterone interference with morphine identification in 24hr urine by TLC technique." *Toxicology Letters*, TOLED5 95 (Suppl. 1): 120, (P2E109).
- **15) Karami M, Ghazi-Khansari M, Rezayat M, Abdollahi M, Minaei B, Sabzevari O** (1999). "Study of 2, 3, 7, 8 Tetrachlorodibenzo-p-Dioxin (TCDD) Hepatotoxicity by Isolated Perfused Rat Liver." *Proceedings of 14th Iranian Congress of Physiology and Pharmacology*, 151 (S233).
- **16) Sabzevari O**, Ahmadi AR, Abdi K, Hadjghasem S (1999). "Screening of morphine in human hair by GC." *Toxicology Letters*, TOLED5 109 (Suppl. 1): 106 (P333).
- **17) Karami M, Ghazi-Khansari M, Rezayat M, Abdollahi M, Minei B, Sabzevari O** (1999). "Study of 2, 3, 7, 8 tetrachlorodibenzo-p-dioxin (TCDD) hepatotoxicity by isolated rat liver perfusion system." *Toxicology Letters*, TOLED5 109 (Suppl. 1): 31 (P036).
- **18) Sabzevari O**, Ahmadi AR, Amini M, Keyhanfar F (1999). "Morphine identification in human hair by gas chromatography/mass spectrometry." *ISSX Proceedings, 7th European ISSX Meeting*, Budapest, 14 (P94).
- **19) Sabzevari O**, Nazeri A, Fekri M, Afshar M (1999). "Solid-phase extraction of codeine for an improved semi-quantitation in human urine." *Proceedings of 6th Iranian Congress on Toxicology and Poisonings*, 120 (S154).
- **20) Abdollahi M, Jalali N, Sabzevari O, Nikfar S, Fallahpour M** (1999). "Pesticide poisoning in Tehran." *Proceedings of 6th Congress of Toxicology in Developing Countries*, P116.
- **21) Sabzevari O**, Nazeri A, Fekri M (2000). "Morphine and codeine extraction by a solid-phase system for an improved semi-quantitation in human urine." *Drug Metabolism Reviews*, 32 (Suppl. 1) 195 (P98).
- **22) Sabzevari O**, Andalibi M, Kamalinejad M, Ostad SN (2000). "Cytotoxicity assay of fenugreek extract on NIH3T3 fibroblast cells." *Proceedings of 18th International Congress of Biochemistry and Molecular Biology*, 192 (P641).
- **23) Sabzevari O**, Nazeri A, Fekri M (2000). "Detection of morphine in human urine using a solid-phase extraction system and gas chromatography." *Proceedings of 7th Iranian Seminar of Pharmaceutical Sciences*, O119.
- **24) Sabzevari O**, Etemadi B, Marzban H, Ostad SN (2000). "In vivo study of diethylstilbestrol teratogenicity on mouse embryo." *Toxicology Letters*, TOLED5 116 (Suppl. 1): 90 (P330).
- **25) Ostad SN, Khakinejad B, Sabzevari O** (2000). "The study of teratogenic effect of fennel essential oil in vitro." *Toxicology letters*, TOLED5 116 (Suppl. 1): 89 (P328).
- **26) Ghazi-Khansari M, Karami M, Rezayat M, Abdollahi M, Sabzevari O** (2001). "The protective effects of antioxidants and propranolol on hepatotoxicity of TCDD on isolated rat liver perfusion system." *Toxicology*, 164 (1-3): 159 (P3C18).



C. Abstracts (Continued):

- **27) Sabzevari O**, Moridani MY, O'Brien PJ (2001). "Molecular mechanisms of chalcones cytotoxicity." *Proceedings of 15th Iranian Congress of Physiology and Pharmacology*, O-3-15 (P348).
- **28) Sabzevari O** and O'Brien PJ (2001). "Study of cytotoxic mechanisms of chalcones towards isolated rat hepatocytes." *Proceedings of the 3rd International Congress of Asia-Pacific Association of Medical Toxicology*, NO4 (P66a).
- **29) Galati G**, Moridani MY, **Sabzevari O**, O'Brien PJ (2001). "Peroxidase catalyzed activation of dietary polyphenolics to prooxidant phenoxyl radicals." *Proceedings of 8th Annual Meeting of the Oxygen Society*,.
- **30) Sabzevari O**, Moridani MY, O'Brien PJ (2001). "Molecular cytotoxic mechanism and anticancer activity of chalcones." *Drug Metabolism Reviews*, 33 (Suppl. 1): 449 (P226).
- **31) Sabzevari O**, Majidnia N, Fekri M (2002). "Detection of methylphenidate and its main metabolite in human urine." *Research in Medical Sciences*, 7 (Suppl. 1): 56.
- **32) Sabzevari O** and O'Brien PJ (2002). "Study of phloretin cytotoxic mechanisms." *Proceedings of 5th International Congress on Traditional Asian Medicine*, 29.
- **33) Ostad SN**, Khakinegad B, **Sabzevari O**. (2002). "In vitro study of fennel essential oil teratogenicity on the rat embryo limb buds." *Proceedings of 5th International Congress on Traditional Asian Medicine*, 24.
- **34) Sabzevari O** and O'Brien PJ (2002). "Study of antioxidant capacity of isoliquiritigenin and phloretin." *Proceedings of 8th Iranian Seminar of Pharmaceutical Sciences (ISPS)*, 29.
- **35) Abdi KH**, Shafiee A, Amini M, Ghazi M, **Sabzevari O** (2002). "Determination of morphine in opioid abusers hair." *Proceedings of 8th Iranian Seminar of Pharmaceutical Sciences (ISPS)*, 175.
- **36) Nazeri A**, Fekri M, **Sabzevari O** (2002). "Extraction of morphine from human urine using solid-phase and liquid-liquid systems for an improved semi-quantitation by laser densitometer." *Proceedings of 8th Iranian Seminar of Pharmaceutical Sciences (ISPS)*, 223.
- **37) Akhgari M**, Abdollahi M, Kebryaezadeh A, Hosseini R, **Sabzevari O** (2002). "Biochemical evidences for free radical-induced lipid peroxidation as a mechanism for subchronic toxicity of malathion in blood and liver of rats." *Proceedings of 8th Iranian Seminar of Pharmaceutical Sciences (ISPS)*, 181.
- **38) Sabzevari O**, Naghdi N, Majlessi N, Broofar F (2002). "The effect of ketanserin and pirenperone injected into the CA1 region on spatial discrimination." *International Journal of Psychophysiology*, 45: 135.
- **39) Sabzevari O**, Abdollahi M, Aminian G, Minaee B (2002). "Study of teratogenic effect of fenugreek extract on rat embryos." *Revista de Fitoterapia*, 2 (Suppl. 1): 200 (A235).
- **40) Abdi K**, Shafiee A, Amini M, Ghazi M, **Sabzevari O** (2003). "Determination of morphine and monoacetyl-morphine in opioid abusers hair by GC-MS." *Proceedings of 16th Iranian Congress of Physiology and Pharmacology (ICPP)*, 186.



C. Abstracts (Continued):

- **41) Sabzevari O** and O'Brien PJ (2003). "Prooxidant activity of the phenoxy radicals of chalcones." *Proceedings of 51st Annual Congress of the Society for Medicinal Plant Research*, 163 (P160).
- **42) Daleeraj A, Shabsavari-Moghaddam S, Sabzevari O** (2003). "Quality control of an Iranian drink (Doogh) for MSNF content during 1999-2003." *Proceedings of 14th Iranian Congress of Food Industry*, 30.
- **43) Sabzevari O, Abdi KH, Amini M, Ghazi-Khansari M, Shafiee A** (2003). "Screening of opium and heroine abusers by GC-MS Analysis of human hair." *Colloquium Spectroscopicum Internationale (CSI) XXXIII*, 630.
- **44) Rafiee T, Dadgarnejad M, H-Olyae N, Najib E, Aghababae M, Sabzevari O** (2004). "A study of LAL kit capacity in gel-clot method for qualitative analysis of bacterial endotoxin in parenteral pharmaceutical samples." *Proceedings of 6th Iranian Congress of Microbiology*, 185.
- **45) Shamsaie A, Kobarfard F, Yazdanpanah H, Sabzevari O** (2004). "Rapid and non-destructive detection of aflatoxins B1 and B2 in corn using FTIR-ATR." *Proceedings of 13th Iran's Seminar of Analytical Chemistry*, 291.
- **46) Sabzevari O, Safepour A, Ostad SN** (2004). "An oral subchronic toxicity study of Myrtus extract in rats." *Toxicology and Applied Pharmacology*, A371, P368.
- **47) Nemati M, Oveisi MR, Abdollahi H, Sabzevari O** (2004). "Differentiation between bovine and porcine gelatins using principal component analysis." *Proceedings of 9th Iranian Seminar of Pharmaceutical Sciences (ISPS)*, 256.
- **48) Ostad SN, Taheri S, Monsef H, Azizi E, Sabzevari O** (2004). "The effect of flavonoid extract from calendula officinalis on the aromatase inhibition of parent and tamoxifen resistant T47D breast carcinoma cell lines." *Proceedings of the 19th European Workshop on Drug Metabolism (DMW-2004)*, 227 (P-150).
- **49) Sabzevari O, Safepour A, Ostad SN** (2004). "A 7-week study of Myrtus extract on rat liver." *Proceedings of 19th European Workshop on Drug Metabolism (DMW-2004)*, 177 (P-100).
- **50) Haerian MS, Hallaj-Neishabouri SH, Khosravi SH, Hoseinzade B, Sabzevari O** (2004). "Comparison of two different protocols for determination of potency of recombinant FSH (r-FSH)." *Molecular & Cellular Proteomics*, 3(10): 17.6.
- **51) Abouhossain G, Fallah-Tafti N, Amir-Ahmadi M, Kalantari-Khandani N, Ali-Abadi S, Pezeshk N, Sabzevari O** (2004). "The effect of sorting on reduction of aflatoxin contamination in pistachio cargo." *Proceedings of 8th Iranian Congress of Toxicology and Poisonings*, P29.
- **52) Abouhossain G, Mohseni-Nia MF, Kalantari-Khandani N, Ali-Abadi S, Fallah-Tafti N, Djam S, Sabzevari O** (2004). "The study of pesticides residue in apples sold in fruit market." *Proceedings of 8th Iranian Congress of Toxicology and Poisonings*, P30.
- **53) Karami M, Ghazi-Khansari M, Rezayat M, Mirshafa F, Sabzevari O** (2004). "Histopathological study of TCDD by isolated rat liver perfusion system." *Proceedings of 8th Iranian Congress of Toxicology and Poisonings*, P32.



C. Abstracts (Continued):

- **54) Sabzevari O**, Karaminedjad T, Heidari MR, Rahimzadeh M (2005). "The effect of methanolic extract of *Hyoscyamus Niger* L. on seizures induced by picrotoxin in mice." *Proceedings of the IVth International Congress of Ethnobotany*, P121.
- **55) Amirahmadi M, Yazdanpanah H, Sabzevari O** (2005). "Effects of roasting with lemon juice and/or citric acid on degradation of aflatoxins in contaminated pistachio nuts." *Proceedings of 3rd International Networking Conference for the Food and Feed Industry*, 87 (P9).
- **56) Sabzevari O**, Heidari MR, Dadollahi Z, Vahedian M, Vafazadeh J, Hosseini SA (2006). "Effect of methanolic extract of *Matricaria Chamomilla* L. on seizures induced by picrotoxin in mice." *Acta Pharmacologica Sinica*, 104 (P060073).
- **57) Sabzevari O**, Emrarian I, Abdi K, Abouhossain G, Amirahmadi M (2006). "Detection of aflatoxins in human hair." *Iranian J of Pharmaceutical Sciences*, 2(3): Suppl. 1, P-21.
- **58) Sanadgol M, Aminian H, Abouhossain G, Etebarian HR, Sabzevari O** (2006). "Isolation of *Aspergillus flavus* from feed of dairy cattle in Tehran region." *Proceedings of 17th Iranian Plant Protection Congress*, P-497.
- **59) Sanadgol M, Aminian H, Abouhossain G, Etebarian HR, Sabzevari O** (2006). "Determination of aflatoxin M1 in dairy cattle milk of Tehran region by HPLC." *Proceedings of 17th Iranian Plant Protection Congress*, P-498.
- **60) Sabzevari O**, Emrarian I, Abouhossain G, Amirahmadi M (2006). "Analysis of aflatoxin B1 in human hair samples." *Toxicology Letters*, 164S: S233-S233.
- **61) Sabzevari O**, Emrarian I, Kalantari H (2007). "Hepatoprotective activity of *Plantago psyllium* and *Silybium marianum* extracts on experimental liver injury in mice." *Proceedings of 11th International Congress of Toxicology*, PW1.15.
- **62) Sabzevari O**, Emrarian I, Kalantari H (2007). "Protective effect of *Psyllium* extract on acetaminophen-induced mice liver injury." *Iranian J of Pharmaceutical Sciences*, 3(2): Suppl. 1, P-7 (O20).
- **63) Sabzevari O**, Emrarian I, Kalantari H (2007). "Hepatoprotective Activity of Herbal Extracts used in Iranian Traditional Medicine against Acetaminophen-Induced Liver Injury in Mice." *Proceedings of 3rd International Congress on Traditional Medicine and Materia Medica*, P-83.
- **64) Sabzevari O**, Hosseini A, Paydar H, Monsef-Esfehani HR (2008). "Hepatoprotective Activity of *Scrophularia striata* against Acetaminophen-Induced Liver Injury in Mice." *Toxicology Letters*, 180: S57-T40.
- **65) Ebadollahi AR, Taheri G, Sabzevari O** (2009). "Hepatoprotective effect of *Curcuma longa* on acetaminophen-induced liver injury using rat liver perfusion system." *Proceedings of 10th Iranian Congress of Toxicology and Poisonings*, P147.
- **66) Sabzevari O**, Ebadollahi AR, Emrarian I, Taheri G, Hosseini A, Paydar H, Monsef-Esfehani HR (2009). "Hepatoprotective Activity of Herbal Extracts Used in Iranian Traditional Medicine against liver-induced injury." *Proceedings of 10th Iranian Congress of Toxicology and Poisonings*, O17.



C. Abstracts (Continued):

- **67)** Mahmoudian S, Minaei B, **Sabzevari O** (2009). "Hepatoprotective activity of hydroxychalcones against acetaminophen-induced liver damage in mice." *Proceedings of the World Congress of Pharmacy and Pharmaceutical Sciences (69th International Congress of FIP)*.
- **68)** Ebadollahi-Natanzi AR, Monsef-Esfahani HR, Minaei B, Nazarian H, **Sabzevari O** (2010). "Identification of important protective effects and mechanisms of *Nasturtium officinale* (watercress)." *Proceedings of 18th Iranian Plant Protection Congress*, P-398.
- **69)** **Sabzevari O**, Mahmoudian S, Minaei B, Paydar H (2010). "Phloretin and hydroxychalcones hepatoprotective activity against acetaminophen-induced liver damage in mice." *Toxicology Letters*, 196S: S213-P206-028.
- **70)** Pakzad M, Azizi E, **Sabzevari O**, Ostad N, Nili-Ahmadabadi A, Pourkalili N, Baeeri M, Hassani S, Tehrani Tarighat S, Abdollahi M (2011). "Subacute exposure to diazinon induces impairment of glucose homeostasis through oxidative stress and inflammatory processes in rat adipose tissue." *Iranian J Basic Medical Sciences*, 14(5): Suppl.1, P6-O170.
- **71)** Tayeboon GS, Ostad SN, Nasri S, Nili-Ahmadabadi A, **Sabzevari O** (2011). "Effects of retinoic acid and caffeine on CYP1A1 expression in limb buds micromass culture." *Iranian J Basic Medical Sciences*, 14(5): Suppl.1, P8-O339.
- **72)** Rahimi HR, Ebadollahi-Natanzi AR, **Sabzevari O**, (2011). "Protective activity of *Fumaria Vaillantii* and Monomethyl fumarate on acetaminophen induced hepatotoxicity in mice." *Iranian J Basic Medical Sciences*, 14(5): Suppl.1, P69-P29.
- **73)** Rahimi HR, Ebadollahi-Natanzi AR, **Sabzevari O**, (2011). "Hepatoprotective mechanisms of watercress on acetaminophen-induced rat liver toxicity." *Iranian J Basic Medical Sciences*, 14(5): Suppl.1, P197-P372.
- **74)** Ebadollahi-Natanzi AR, Ghahremani MH, **Sabzevari O** (2011). "Effect of *Nasturtium officinale* plant on TGFβ1 and c-Myc Gene Expressions in Liver Tissue of Rats Intoxicated With Acetaminophen." *Toxicology Letters*, 205S: S182-P2008.
- **75)** **Sabzevari O**, Nili-Ahmadabadi A, Tavakoli F, Rahimi HR, Paydar H, Hasanzadeh GR (2011). "Protective effect of thymoquinone against liver toxicity induced by Aflatoxin B₁ in mice." *Toxicology Letters*, 205S: S275-P2311.
- **76)** Ebadollahi-Natanzi AR, **Sabzevari O**, Ghahremani MH (2012). "The effect of watercress on hepatic glutathione of intoxicated rats acetaminophen." *Toxicology Letters*, 211S: S166-P26-14.
- **77)** **Sabzevari O**, Tayeboon GS, Nasri S, Ostad SN (2012). "Role of CYP1A1 as a marker of teratogenesis using embryo limb bud micromass culture." *Toxicology Letters*, 211S: S182-P30-03.
- **78)** **Sabzevari O** (2013). "Our Avicenna." *Avicenna Symposium Proceeding*, O5.
- **79)** **Sabzevari O**, Hassani Sh, Tavakoli F, Amini M, Kobarfard F, Nili-Ahmadabadi A, (2014). "Determination of Melamine in Milk Samples and the Risk Assessment." *PSWC2014 Proceeding*.



C. Abstracts (Continued):

- **80) Sabzevari O**, Nili-Ahmadabadi A, Zeinvand H (2015). "Protective effect of pretreatment with Thymoquinone against Paraquat induced pulmonary toxicity in mice." *Proceedings of 13th International Iranian Congress of Toxicology*, P107.
- **81) Sabzevari O**, Hassani Sh, Tavakoli F, Amini M, Kobarfard F, Nili-Ahmadabadi A, (2017). "Selenium supplementation improves sepsis-induced mortality and liver injury through suppression of oxidative damage and inflammation: Possible mechanism of protection." *PSWC2017 Proceeding*, P1938.
- **82) Sabzevari O** (2017). "Pharmaceutical Sciences in Iran." *Proceedings of 15th Iranian Pharmaceutical Sciences Congress*, O1.
- **83) Sabzevari O** (2017). "Toxicological Sciences in Iran." *Proceedings of 14th International Iranian Congress of Toxicology*, O7.
- **84) Sabzevari O**, Sabzevari S, Vaezi M, Amoli M, Setayesh N (2018). "Association of GSTP1 genes polymorphisms with frequency of hemorrhagic cystitis in patients treated with cyclophosphamide, *CTDC10 Proceeding*, P258.

D. Papers:

- **1) Sabzevari O**, Hadjsaydjavadi M and Dehpour AR (1990). "Differential effects of lithium on the potency of different opioids in the guinea pig ileum." *New leads in opioid research*, 914: 355-357.
- **2) Sabzevari O**, Kentish PA, Hatcher M, O'Sullivan M and Gibson GG (1995). "Comparative induction of cytochrome P4504A in rat hepatocyte culture by peroxisome proliferators, bifonazole and clofibrate." *Xenobiotica*, 25(4): 395-403.
- **3) Sabzevari O**, Hatcher M, Kentish P, O'Sullivan M and Gibson GG (1996). "Bifonazole, but not the structurally-related clotrimazole, induces both peroxisome proliferation and members of cytochrome P4504A sub-family in rat liver." *Toxicology*, 8; 106(1-3): 19-26.
- **4) Abdollahi M, Jalali N, Sabzevari O, Hoseini R, and Ghanea T** (1997). "A retrospective study of poisoning in Tehran." *Journal of Toxicology-Clinical Toxicology*, 35(4): 387-393.
- **5) Sabzevari O** and Farshad AA (1998). "Country report on chemical safety." *Report on CEHA Regional Workshop on Chemical Safety*, WHO-EM/CEHA/90-E: 9-10.
- **6) Jalali N, Abdollahi M, Sabzevari O, Fallahpour M and Khorasani R** (1998). "Epidemiology of pesticides poisoning in Tehran, 1995-1996." *Pejouhandeh*, 9(2): 89-93.
- **7) Sabzevari O**, Khaje-Amiri AR and Shahi-Nosratabad M (1999). "Identification and determination of blood and urine ethanol by gas chromatography, microdiffusion and 2-thiobarbituric acid methods." *Pejouhandeh*, 11(4): 119-128.



• **D. Papers** (Continued):

- **8)** Abdollahi M, Jalali N, **Sabzevari O**, Nikfar Sh and Fallahpour M (1999). "Pesticide poisoning during an 18-month period in Tehran." *Iranian Journal of Medical Sciences*, 24(3): 77-81.
- **9)** **Sabzevari O**, Ebrahimi KH and Vaez-Mahdavi MR (1999). "Investigation of oestrogen and progesterone interference with morphine identification in 24hr urine by TLC technique." *Daru*, 7(3): 18-22.
- **10)** Karami M, Ghazi-Khansari M, Rezayat M, Minaei B, Abdollahi M, **Sabzevari O** (2001). "Histopathological study of TCDD by isolated rat liver perfusion system." *Medical Journal of The Islamic Republic of Iran*, 15(1): 55-60.
- **11)** Ostad SN, Daghighi F, Abdollahi M **Sabzevari O** (2001). "The study of teratogenic effect of cyclosporine in vitro." *Daru*, 9(1-2): 44-47.
- **12)** Galati G, **Sabzevari O**, Wilson JX, O'Brien PJ (2002). "Prooxidant activity and cellular effects of the phenoxy radicals of dietary flavonoids and polyphenolics." *Toxicology*, 1; 177(1): 91-104.
- **13)** Galati G, Tafazoli S, **Sabzevari O**, Chan TS, O'Brien PJ (2002). "Idiosyncratic NSAID drug induced oxidative stress." *Chemico-Biological Interactions*, 10; 142(1-2): 25-41.
- **14)** Behfar AA, Oveisi MR, Shariatpanahi SM, Komeilizadeh H, Hamed M, **Sabzevari O** (2003). "Indol-3-Carbinol analysis by voltammetric technique". *Jahad-Research Journal of Medicinal Plants*, 5(2):57-63.
- **15)** Akhgari M, Abdollahi M, Kebryaezadeh A, Hosseini R, **Sabzevari O** (2003). "Biochemical evidence for free radical-induced lipid peroxidation as a mechanism for subchronic toxicity of malathion in blood and liver of rats". *Human & Experimental Toxicology*, 22(4): 205-11.
- **16)** Taghavi SA, Nazeri A, Fekri M and Afshar M, **Sabzevari O** (2003). "Extraction of morphine from human urine by solid-phase and liquid/liquid extraction systems for an improved semi-quantisation scanning method." *Journal of Faculty of Medicine, SBUMS*, 27(1): 23-7.
- **17)** **Sabzevari O**, Abdi KH, Amini M, Shafiee A (2004). "Application of a simple and sensitive GC-MS method for determination of morphine in hair of opioid abusers." *Analytical and Bioanalytical Chemistry*, 379(1): 120-4.
- **18)** Nemati M, Oveisi MR, Abdollahi H **Sabzevari O** (2004). "Differentiation between bovine and porcine gelatins using principal component analysis." *Journal of Pharmaceutical & Biomedical Analysis*, 18; 34(3): 485-92.
- **19)** Abdi KH, Shafiee A, Amini M, Ghazi-Khansari M, **Sabzevari O** (2004). "Detection of morphine in opioid abusers hair by GC-MS." *Daru*, 12(2): 71-75.
- **20)** **Sabzevari O**, Galati G, Moridani MY, Siraki A, O'Brien PJ (2004). "Molecular cytotoxic mechanisms of anticancer hydroxychalcones." *Chemico-Biological Interactions*, 30; 148(1-2): 57-67.



D. Papers (Continued):

- **21)** Ostad S N, Khakinegad B, **Sabzevari O** (2004). "Evaluation of the teratogenicity of fennel essential oil (FEO) on the rat embryo limb buds Culture." *Toxicology In Vitro*, 18(5): 623-7.
- **22)** Shamsaie A, Kobarfard F, Yazdanpanah H, **Sabzevari O** (2004). "Is FTIR-ATR a sensitive tool for determination of aflatoxins?" *Journal of the American Oil Chemists Society*, 81(7): 719-720.
- **23)** Ghazi-Khansari M, Karami M, Rezayat M, Abdollahi M, Minaei B, **Sabzevari O** (2005). "The protective effects of antioxidants and propranolol on hepatotoxicity of TCDD during isolated rat liver perfusion." *International Journal of Pharmacology*, 1(4):336-341.
- **24)** **Sabzevari O**, Etemadi B, Marzban H, Ostad SN (2005). "In vivo study of diethylstilbestrol teratogenicity on mouse embryo." *Iranian J Pharmaceutical Sciences*, 1(4): 233-238.
- **25)** Nasseri M, Rezaee M, **Sabzevari O**, Hosseini H, Mousapour M (2005). "Comparison of filling media impact on common killka (*Clupeonella cultriventris*) canned quality by fluorescence detection." *Science Research Journal of Iran Marine Science*, 4(1-2):37-46.
- **26)** Payabwash SM, Salmasi AH, Beheshtian A, Ghahremani MH, Tavangar SM, **Sabzevari O**, Dehpour AR (2006). "Chronic morphine treatment induces oxidant and apoptotic damage in the mice liver." *Life Science*, 79: 972-980.
- **27)** Nasseri M, Rezaee M, Hosseini H, Abasi M, **Sabzevari O** (2006). "A comparison of conventional and fluorescence detection methods of cooking-induced damaged to common killka (*Clupeonella cultriventris*)." *Journal of Sea Science of Iran*, 1-2: 75-82.
- **28)** **Sabzevari O**, Daliraj A, Mohammadi M, Rastegar H (2007). "Determination of erucic acid in infant formula by GC." *Journal of Faculty of Medicine, TUMS*, 64(12): 17-22.
- **29)** **Sabzevari O**, Andalibi M, Ahmadiani AH, Kamalinejad M, Abdollahi M, Ostad SN (2008). "Cytotoxicity assay of fenugreek extract on NIH3T3 fibroblast cells." *Journal of Faculty of Medicine, TUMS*, 66(8): 80-84.
- **30)** Rahimifard N, Shoeibi Sh, **Sabzevari O**, Pakzad SR, Ajdary S, Pirali Hamedan M, Hajimehdipoor H, Bagheri F, Esmaeili B (2008). "Antifungal activity of the native essential oil of *Thymus vulgaris* on *Candida albicans*, *Aspergillus niger* and *Aspergillus flavus* from Iran." *Journal of Pure and Applied Microbiology*, 2(2): 343-346.
- **31)** Rahimifard N, **Sabzevari O**, Shoeibi S, Pakzad SR, Ajdary S, Hajimehdipoor H, Bagheri F, Safaee M (2008). "Antifungal activity of the native essential oil of *Eugenia caryophyllata* on *Candida albicans*, *Aspergillus niger* and *Aspergillus flavus* from Iran." *Biomedical & Pharmacology Journal*, 1(1): 43-46.
- **32)** Rahimifard N, **Sabzevari O**, Shoeibi S, Pakzad SR, Ajdary S, Hajimehdipoor H, Bagheri F, Bagheri A (2008). "Antifungal activity of the native essential oil of *Cinamomum zeylanicum* on *Candida albicans*, *Aspergillus niger* and *Aspergillus flavus* from Iran." *Biomedical & Pharmacology Journal*, 1(1): 85-88.



D. Papers (Continued):

- **33)** Rahimifard N, **Sabzevari O**, Shoeibi S, Pakzad SR, Ajdary S, Haghighi S, Bagheri F, Sabzikaran M (2008). "Antifungal activity of the native essential oil of *Zataria multiflora* on *Candida albicans*, *Aspergillus niger* and *Aspergillus flavus* from Iran." *Biomedical & Pharmacology Journal*, 1(2): 289-292.
- **34)** Nasser M, Rezaee M, Abasi M, Hosseini H, Jam S, **Sabzevari O** (2009). "Effects of pre-chilling process on the quality of muscle lipid and filling media in canned common killka (*Clupeonella cultriventris*)." *Journal of Science and Technology of Agriculture & Natural Resources*, 12(46A): 291-301.
- **35)** Ebadollahi-Natanzi A, Ghahremani MH, Monsef-Esfahani HR, Minaei B, Nazarian H, **Sabzevari O** (2009). "An experimental model for study of the hepatoprotective activity of *Nasturtium officinale* (watercress) against acetaminophen toxicity using in situ rat liver system." *European Journal of Scientific Research*, 38(4): 556-564.
- **36)** Shakibaie M, Khorramizadeh MR, Faramarzi MA, **Sabzevari O**, Shahverdi AR (2010). "Biosynthesis and recovery of selenium nanoparticles and the effects on matrix metalloproteinase-2 expression." *Biotechnology and Applied Biochemistry*, 56(1): 7-15.
- **37)** Ebadollahi-Natanzi A, Ghahremani MH, Monsef-Esfahani HR, Minaei MB, Nazarian H, **Sabzevari O** (2010). "Evaluation of Antihepatotoxic Effect of Watercress Extract and its Fractions in Rats." *International Journal of Pharmacology*, 6(6): 896-902.
- **38)** Ebadollahi-Natanzi A, Mahmoudian S, Minaei MB, **Sabzevari O** (2011). "Hepatoprotective activity of phloretin and hydroxychalcones against Acetaminophen Induced hepatotoxicity in mice." *Iranian J Pharmaceutical Sciences*, 7(2): 89-97.
- **39)** Mohammadi H, Karimi G, Rezayat SM, Dehpour AR, Shafiee H, Nikfar S, Baeri M, **Sabzevari O**, Abdollahi M (2011). "Benefit of nanocarrier of magnetic magnesium in rat malathion-induced toxicity and cardiac failure using non-invasive monitoring of electrocardiogram and blood pressure." *Toxicology and Industrial Health*, 27(5):417-429.
- **40)** Nili-Ahmadabadi A, Tavakoli F, Hasanzadeh GR, Rahimi HR, **Sabzevari O** (2011). "Protective effect of pretreatment with thymoquinone against Aflatoxin B₁ induced liver toxicity in mice." *DARU*, 19(4):282-287.
- **41)** Balouchzadeh A, Rahimi HR, Ebadollahi-Natanzi A, **Sabzevari O** (2011). "Aqueous extract of Iranian green tea prevents lipid peroxidation and chronic ethanol liver toxicity in rat." *J Toxicology and Pharmacology*, 6(8):691-700.
- **42)** Hosseini-Sharifabad A, Ghahremani MH, **Sabzevari O**, Naghdi N, Abdollahi M, Beyer C, Bollen E, Prickaerts J, Roghani A, Sharifzadeh M (2012). "Effects of protein kinase A and G inhibitors on hippocampal cholinergic markers expressions in rolipram- and sildenafil-induced spatial memory improvement." *Pharmacology, Biochemistry and Behavior*, 101(3):311-319.
- **43)** Zamani-Moghaddam E, Azami K, Minaei-Zangi B, Mousavi SZ, **Sabzevari O** (2012). "Protective activity of *Fumaria vaillantii* extract and monomethyl fumarate on acetaminophen induced hepatotoxicity in mice." *International Journal of Pharmacology*, 8(3):177-184.



D. Papers (Continued):

- **44)** Khosrokhavar R, **Sabzevari O**, Adib N, Hossein R, Shekarchi, M (2012). "Development of a validated liquid chromatography method for the simultaneous determination of water soluble vitamins in food supplements and pharmaceutical dosage forms with ultra-violet detection." *Biosciences Biotechnology Research Asia*, 9(1):165-171.
- **45)** Pakzad M, Fouladdel S, Nili-Ahmadabadi A, Pourkhalili N, Baeri M, Azizi E, **Sabzevari O**, Ostad SN, Abdollahi M (2013). "Sublethal exposures of diazinon alters glucose homostasis in Wistar rats; Biochemical and molecular evidences of oxidative stress in adipose tissues." *Pesticide Biochemistry and Physiology*, 105(1):57-61.
- **46)** Shakibaie M, Shahverdi AR, Faramarzi M, Hassanzadeh GR, Rahimi H, **Sabzevari O** (2013). "Acute and subacute toxicity of novel biogenic selenium nanoparticles in mice." *Pharmaceutical Biology*, 51(1):58-63.
- **47)** Khosroshahi AG, Amanlou, M, **Sabzevari O**, Daha FJ, Aghasadeghi MR, Ghorbani M, Ardestani MS, Ebrahimi SES (2013). "A comparative study of two novel nanosized radiolabeled analogues of methionine for spect tumor imaging." *Current Medicinal Chemistry*, 20(1):123-133.
- **48)** Hassani S, Tavakoli F, Amini M, Kobarfard F, Nili-Ahmadabadi A, **Sabzevari O** (2013). "Occurrence of melamine contamination in powder and liquid milk in market of Iran." *Food Additives and Contaminants, Part A*, 30(3):413-420.
- **49)** Tayeboon GhS, Tavakoli F, Hassani S, Khanavi M, **Sabzevari O**, Ostad SN (2013). "Effects of Cymbopogon citratus and Ferula assa-foetida extracts on glutamate-induced neurotoxicity." *In Vitro Cellular & Developmental Biology- Animal*, 49(9): 706-715.
- **50)** Abbaszadeh F, Moradi O, Norouzi M, **Sabzevari O** (2014). "Improvement Single- Wall Carbon Nanotubes (SWCNTs) based on Functionalizing with Monomers 2-Hydroxyethylmethacrylate (HEMA) and N-Vinylpyrrolidone (NVP) for Pharmaceutical Applications as Cancer Therapy." *J of Industrial and Engineering Chemistry*, 20: 2895-2900.
- **51)** Gholipour N, **Sabzevari O**, Khalaj A, Fazaeli SY, Akhlaghi M, Jalilian AR (2014). "Development of [62Zn/62Cu]-DOTA-rituximab as a possible novel in vivo PET generator for anti-CD20 antigen imaging" *Radiochimica Acta*, 102(11): 1035-1045.
- **52)** Gholipour N, Jalilian AR, Khalaj A, Fariba Johari-Daha, Yavari K, **Sabzevari O**, Khanchi AR, Akhlagh M (2014). "Preparation and radiolabeling of a lyophilized (kit) formulation of DOTA-rituximab with 90Y and 111In for domestic radioimmunotherapy and radiosintigraphy of Non-Hodgkin's Lymphoma" *DARU Journal of Pharmaceutical Sciences*, 22 (1): 58-.
- **53)** Zeinvand-Lorestani H, **Sabzevari O**, Setayesh N, Amini M, Nili-Ahmadabadi A, Faramarzi MA (2015). "Comparative study of *in vitro* oxidative stress and genotoxicity induced by aflatoxin B1 and its laccase-mediated detoxification products." *Chemosphere*, 135: 1-6.
- **54)** Tayeboon GhS, Ostad SN, Nassri S, Nili-Ahmadabadi A, Tavakoli F, **Sabzevari O** (2015). "Effects of Teratogenic Drugs on CYP1A1 Activity in Differentiating Rat Embryo Cells." *Drug Research*, 65 (5): 238-243.



D. Papers (Continued):

- **55)** Tofighi Z, **Sabzevari O**, Rezaei Taleghani Z, Yassa N (2016). "Investigation of Securigera Securidaca seeds extract and different fractions on serum glucose, blood factors and liver morphology in diabetic animals." *Iranian Journal of Endocrinology and Metabolism*, 18(1): 37-45.
- **56)** Khoshbakht S, Kobarfard F, Beiki D, **Sabzevari O**, Amini M, Mehrnejad F, Tabib K, Shahhosseini S (2016). "HYNIC a bifunctional prosthetic group for the labelling of peptides with ^{99m}Tc and ^{18}F FDG." *J of Radioanalytical and Nuclear Chemistry*, 307(2): 1125-1134.
- **57)** Khoshbakht S, Beiki D, Geramifar P, Kobarfard F, **Sabzevari O**, Amini M, Mehrnejad F, Shahhosseini S (2016). "Synthesis, radiolabeling and biological evaluation of peptide LIKKPF functionalized with HYNIC as apoptosis imaging agent." *Iranian Journal of Pharmaceutical Research*, 15(2): 415-424.
- **58)** Sepand MR, Razavi-Azarkhiavi K, Omid A, Zirak MR, Kazemi AR, Sabzevari S, **Sabzevari O** (2016). "Effect of Acetyl-L-carnitine on antioxidant status, lipid peroxidation and oxidative damage of arsenic in rat." *Biological Trace Element Research*, 171(1): 107-115.
- **59)** Aliomrani M, Sepand MR, Mirzaei H, Nekonom S, kazemi AR, **Sabzevari O** (2016). "Effects of phloretin on oxidative and inflammatory reaction in rat model of cecal ligation and puncture induced sepsis" *DARU Journal of Pharmaceutical Sciences*, 24(1): 154-.
- **60)** Khoshbakht S, Beiki D, Geramifar P, Kobarfard F, **Sabzevari O**, Amini M, Shahhosseini S (2016). " ^{18}F FDG-labeled LIKKPF: a PET tracer for apoptosis imaging." *J of Radioanalytical and Nuclear Chemistry*, 310(1): 413-421.
- **61)** Eghtedari, M, Sarrafi, Y, Nadri, H, Mahdavi M, Moradi A, Homayouni-Moghadam F, Emami S, Firoozpour L, **Sabzevari, O.**, Foroumadi, A. (2017). "New tacrine-derived AChE/BuChE inhibitors: Synthesis and biological evaluation of 5-amino-2-phenyl-4H-pyrano[2,3-b]quinoline-3-carboxylates" *European Journal of Medicinal Chemistry*, 128: 237-246.
- **62)** Rahmanian N, Hosseinimehr SJ, Khalaj A, Abedi SM, **Sabzevari O** (2017). " ^{99m}Tc -radiolabeled GE11-modified peptide for ovarian tumor targeting." *DARU Journal of Pharmaceutical Sciences*, 25(1): 13-.
- **63)** Behzadfar L, Abdollahi M, **Sabzevari O**, Sharifzadeh M, Pourahmad J (2017). "Potentiating role of copper on spatial memory deficit induced by beta amyloid and evaluation of mitochondrial function markers in the hippocampus of rats." *Metallomics*, 9(7): 969-980.
- **64)** Mikaeili A, Erfani M, **Sabzevari O** (2017). "Synthesis and evaluation of a ^{99m}Tc -labeled chemokine receptor antagonist peptide for imaging of chemokine receptor expressing tumors." *Nuclear Medicine and Biology*, 54(1): 10-17.
- **65)** Ghoreishi SM, Khalaj A, **Sabzevari O**, Badrzadeh L, Mohammadzadeh P, Mousavi-Motlagh SS, Bitarafan-Rajabi A, Shafiee-Ardestani M (2018). "Technetium-99m chelator-free radiolabeling of specific glutamine tumor imaging nanoprobe: in vitro and in vivo evaluations." *International journal of nanomedicine*, 13: 46714683.
- **66)** Mikaeili A, Erfani M, Shafiee M, Abdi M, **Sabzevari O** (2018). "Development of a ^{99m}Tc -Labeled CXCR4 Antagonist Derivative as a New Tumor Radiotracer." *Cancer Biotherapy and Radiopharmaceuticals*, 33(1): 17-24.



D. Papers (Continued):

- **67)** Bodaghi-Namileh V, Sepand MR, Omid A, Aghsami M, Seyednejad SA, Kasirzadeh S, **Sabzevari O** (2018). "Acetyl-L-carnitine attenuates arsenic-induced liver injury by abrogation of mitochondrial dysfunction, inflammation, and apoptosis in rats." *Environmental Toxicology and Pharmacology*, 58(1):11-20.
- **68)** Rahmanian N, Hosseinimehr SJ, Khalaj A, Noaparast Z, Abedi SM, **Sabzevari O** (2018). "99mTc-labeled HYNIC-EDDA/tricine-GE11 peptide as a successful tumor targeting agent." *Medicinal Chemistry Research*, 27(3): 890-902.
- **69)** Saeedi G, Jeivad F, Goharbari M, Hassanzadeh-Gheshlaghi Gh, **Sabzevari O** (2018). "Ethanol extract of *Crataegus oxyacantha* L. ameliorate dietary non-alcoholic fatty liver disease in rat" *Drug Research*, 68(10): 553-559.
- **70)** Mosayebnia M, Rezaeianpour S, Rikhtechi P, Beiki D, Kobarfard F, **Sabzevari O**, Amini M, Abdi K, Shahhosseini S (2018). "Novel and efficient method for solid phase synthesis of urea-containing peptides targeting prostate specific membrane antigen (PSMA) in comparison with current methods." *Iranian Journal of Pharmaceutical Research*, 17(3): 917-926.
- **71)** Zeinvand-Lorestani H, Nili-Ahmadabadi A, Balak F, Hasanzadeh G, **Sabzevari O** (2018). "Protective role of thymoquinone against paraquat-induced hepatotoxicity in mice." *Pesticide Biochemistry and Physiology*, 148: 16-21.
- **72)** Keshavarz-Bahaghighat H, Sepand MR, Ghahremani MH, Aghsami M, Sanadgol N, Omid A, Bodaghi-Namileh V, **Sabzevari O** (2018). "Acetyl-L-carnitine attenuates arsenic-induced oxidative stress and hippocampal mitochondrial dysfunction." *Biological Trace Element Research*, 181(1): 1-14.
- **73)** Azadkhah-Shalmani A, Ghahremani MH, Jeivad F, Shadboorestan A, Hassanzadeh-Gheshlaghi GH, Beh-Pajoo A, **Sabzevari O** (2018). "Monomethyl fumarate alleviates sepsis-induced hepatic dysfunction by regulating TLR-4/NF-κB signalling pathway." *Life sciences*, 215: 152-158.
- **74)** Sanati M, Khodagholi F, Aminyavari S, **Sabzevari O**, Mahmoudi M, Sharifzadeh M (2019). "Impact of Gold Nanoparticles on Amyloid β-Induced Alzheimer's Disease in a Rat Animal Model: Involvement of STIM Proteins." *ACS Chemical Neuroscience*, 10(5): 2299-2309.
- **75)** Khoshbakht S, Beiki D, Geramifar P, **Sabzevari O**, Shamshirian D, Shahhosseini S (2019). "Design, Synthesis, Radiolabeling, and Biologic Evaluation of Three ¹⁸F-FDG-Radiolabeled Targeting Peptides for the Imaging of Apoptosis." *Cancer Biotherapy and Radiopharmaceuticals*, 34(5): 271-279.
- **76)** Hassannejad Z, Abdollah Zadegan S, Vaccaro AR, Rahimi-Movaghar V, **Sabzevari O** (2019). "Biofunctionalized peptide-based hydrogel as an injectable scaffold for BDNF delivery can improve regeneration after spinal cord injury." *Injury*, 50 (6): 278-285.
- **77)** Ebrahimi R, Sepand MR, Seyednejad SA, Omid A, Akbariani M, Gholami M, **Sabzevari O** (2019). "Ellagic acid reduces methotrexate-induced apoptosis and mitochondrial dysfunction via up-regulating Nrf2 expression and inhibiting the IκBα/NFκB in rats." *DARU Journal of Pharmaceutical Sciences*, 27(2): 721-733.



D. Papers (Continued):

- **78)** Akrami H, Mirjalili BF, Firuzi O, Hekmat A, Saboury AA, Miri R, **Sabzevari O**, Pirali-Hamedani M, Jeivad F, Moghimi S, Emami S, Foroumadi A, Khoobi M (2020). "Cytotoxic activity and DNA binding property of new aminopyrimidine derivatives." *Letters in Drug Design and Discovery*, 17(5): 638-652.
- **79)** Behnammanesh H, Jokar S, Erfani M, **Sabzevari O**, Hajiramezanali M, Beiki D (2020). "Design, preparation and biological evaluation of a ^{177}Lu -labeled somatostatin receptor antagonist for targeted therapy of neuroendocrine tumors." *Bioorganic Chemistry*, 94(): 103381.
- **80)** Behnammanesh H, Erfani M, Hajiramezanali M, Jokar S, **Sabzevari O**, Mazidi SM, Beiki D (2020). "Preclinical study of a new ^{177}Lu -labeled somatostatin receptor antagonist in HT-29 human colorectal cancer cells." *Asia Oceania Journal of Nuclear Medicine and Biology*, 8(2): 109-115.
- **81)** Pirooznia N, Abdi K, Beiki D, Emami F, Arab SS, **Sabzevari O**, Pakdin-Parizi Z, Geramifar P (2020). "Radiosynthesis, Biological Evaluation, and Preclinical Study of a ^{68}Ga -Labeled Cyclic RGD Peptide as an Early Diagnostic Agent for Overexpressed $\alpha_v\beta_3$ Integrin Receptors in Non-Small-Cell Lung Cancer." *Contrast Media and Molecular Imaging*, (8421657).
- **82)** Jeivad F, Yasa N, Hassannejad Z, Ostad SN, **Sabzevari O** (2020). "*Ficus carica* L. latex: the possible chemo-preventive, apoptosis induction and safety assessment." *Iranian Journal of Pharmaceutical Research*, 19(3): 231-240.
- **83)** Ardestani MS, Bitarafan-Rajabi A, Mohammadzadeh P, **Sabzevari O**, Hosseini SR, Ghoreishi SM (2020). "Synthesis and characterization of novel $^{99\text{m}}\text{Tc}$ -DGC nano-complexes for improvement of heart diagnostic." *Bioorganic Chemistry*, 96(): 103572.
- **84)** Mosayebnia M, Hajimahdi Z, Beiki D, Rezaeianpour M, Hajiramezanali M, Geramifar P, **Sabzevari O**, Amini M, Hatamabadi D, Shahhosseini S (2020). "Design, synthesis, radiolabeling and biological evaluation of new urea-based peptides targeting prostate specific membrane antigen." *Bioorganic Chemistry*, 99(): 103743.
- **85)** Jokar S, Behnammanesh H, Erfani M, Sharifzadeh M, Gholami M, **Sabzevari O**, Amini M, Geramifar P, Hajiramezanali M, Beiki D (2020). "Synthesis, biological evaluation and preclinical study of a novel $^{99\text{m}}\text{Tc}$ -peptide: A targeting probe of amyloid- β plaques as a possible diagnostic agent for Alzheimer's disease." *Bioorganic Chemistry*, 99():103857.
- **86)** Taghavi SM, Shadbourestan A, Sabzevari S, Gholami M, Keshavarz-Maleki R, Mozdarani H, Ostad SN, **Sabzevari O**, (2020). "Protective Role of EGCG against Malathion Induced Genotoxicity Using Human Lymphocytes." *Drug Research*, 70(8):360-366.
- **87)** Pirooznia N, Abdi K, Beiki D, Emami F, Arab SS, **Sabzevari O**, Soltani-ghooshkhaneh S (2020). " ^{177}Lu -labeled cyclic RGD peptide as an imaging and targeted radionuclide therapeutic agent in non-small cell lung cancer: Biological evaluation and preclinical study." *Bioorganic Chemistry*, 102():104100.
- **88)** Zamani S, Ardestani MS, Bitarafan-Rajabi A, Khalaj A, **Sabzevari O** (2020). "Synthesis, radiolabelling, and biological assessment of folic acid-conjugated G-3 $^{99\text{m}}\text{Tc}$ dendrimer as the breast cancer molecular imaging agent." *IET Nanobiotechnology*, 14(7): 628-634.



D. Papers (Continued):

- **89)** Kasirzadeh S, Ghahremani MH, Setayesh N, Jeivad F, Shadboorestan A, Taheri A, BehPajoo A, Azadkhah-Shalmani A, Ebadollahi-Natanzi A, Khan A, Sabzevari S, **Sabzevari O** (2021). "β -Sitosterol Alters the Inflammatory Response in CLP Rat Model of Sepsis by Modulation of NF κ B Signaling." *BioMed Research International*, 0(0): 0–0. 5535562
- **90)** Keshavarz-Maleki R, Azadkhah-Shalmani A, Gholami M, Sabzevari S, Rahimzadegan M, Jeivad F, **Sabzevari O**. (2021). "The Ameliorative Effect of Monomethyl Fumarate and Silymarin Against Valproic Acid Induced Hepatotoxicity in Rats." *Pharmaceutical Chemistry Journal*, 55(3): 240–245.
- **91)** Ayar Z, Shafieian M, Mahmoodi N, **Sabzevari O**, Hassannejad Z. (2021). "A rechargeable drug delivery system based on pNIPAM hydrogel for the local release of curcumin." *Journal of Applied Polymer Science*, 138(40): 0–0. 51167
- **92)** Mikaeili A, Erfani M, Goudarzi M, **Sabzevari O** (2021). "Breast Tumor Targeting in Mice Bearing 4T1 Tumor with labeled CXCR4 Antagonist Analogue." *International Journal of Peptide Research and Therapeutics*, 0(0): 0-0. 103857.
- **93)** Keshavarz-Maleki R, Kaviani A, Omranipour R, Gholami M, Khoshayand MR, Ostad SN, **Sabzevari O** (2021). "Bisphenol-A in biological samples of breast cancer mastectomy and mammoplasty patients and correlation with levels measured in urine and tissue." *Scientific Reports*, 11(1): 18411.
- **94)** Boroujeni SS., Solaimanian Sh, Jafari RM, **Sabzevari O**, Shafaroodi H, Maleki A, Mohammadi P, Karimi E, Dehpour AR (2022). "Opioidergic and nitrenergic systems mediate the anticonvulsant effect of mefloquine and chloroquine on seizures induced by pentylenetetrazol and maximal electroshock in mice." *Acta Neurobiologiae Experimentalis*, 82(2): 157-169.
- **95)** Sorouri F, Emamgholipour Z, Keykhaee M, Najafi A, Firoozpour L, **Sabzevari O**, Sharifzadeh M, Foroumadi A, Khoobi M (2022). "The Situation of Small Molecules Targeting Key Proteins in combatting SARS-CoV-2: Synthesis, Metabolic Pathway, Mechanism of Action, and Potential Therapeutic Applications." *Mini-Reviews in Medicinal Chemistry*, 22(2): 273-311.
- **96)** Rahimzadegan M, Mohammadi Q, Shafieian M, **Sabzevari O**, Hassannejad Z (2022). "Influence of reducing agents on in situ synthesis of gold nanoparticles and scaffold conductivity with emphasis on neural differentiation." *Biomaterial Advances*, 134: 0-0. 112634.
- **97)** Mirjani R, Setayesh N, Faramarzi MA, Sharifzadeh M, Khoshayand MR, Zare B, **Sabzevari O**, Shahverdi AR (2022). "Green Synthesis, Characterization, and Biological Evaluation of Hydroxyl-Capped Tellurium Nanoparticles." *Journal of Sciences, Islamic Republic of Iran*, 32(4): 321-330.
- **98)** Ayar Z, Shafieian M, Mahmoodi N, Hassannejad Z, **Sabzevari O** (2022). "Modification of the alginate hydrogel with fibroblast- and Schwann cell-derived ECM potentiates differentiation of mesenchymal stem cells toward neuron-like cells." *Journal of Applied Polymer Science*, 139(33): 0–0. e52501
- **99)** Ramedani A, **Sabzevari O**, Simchi A (2022). "Processing of liposome-encapsulated natural herbs derived from Silybum marianum plants for the treatment of breast cancer cells." *Scientia Iranica*, 29(6F): 3619–3627.



D. Papers (Continued):

- **100)** Ramedani A, **Sabzevari O**, Simchi A (2022). "Hybrid ultrasound-activated nanoparticles based on graphene quantum dots for cancer treatment." *International J of pharmaceutics*, 15(629): 0. 122373
- **101)** Monirvaghefi A, Jeivad F, Alebooye S, Aliasl F, Gholami M, khadem E, Hassanzadeh GhR, Rahimifard N, Keshavarz-Maleki R, **Sabzevari O** (2023). "Acute and subchronic oral toxicity study of hepatoprotective polyherbal formulation 'liver capsule' in rats." *Pharmaceutical Chemistry Journal*, 57(8), 1164–1173.
- **102)** Kouchaki S, Jeivad F, Sepand M, Amin GH, Hassanzadeh Gh, Gholami M, Ghaznavi M, Rahimzadegan M, **Sabzevari O** (2023). "Role of Berberis SSP and Acetaminophen-Induced Acute Liver Injury." *Pharmaceutical Chemistry Journal*, 57(7): 1049-1055.
- **103)** Noruzi M, Behmadi H, Halvaei Khankahdani Z, **Sabzevari O**, Foroumadi A, Ghahremani MH, Pourahmad J, Hassani S, Gholami M, Moghimi S, Ghazimoradi MM, Taghizadeh G, Sharifzadeh M (2023). "Alpha pyrrolidinovalerophenone (α -PVP) administration impairs spatial learning and memory in rats through brain mitochondrial dysfunction." *Toxicology and Applied Pharmacology*, 467: 0-0. 116497
- **104)** Aramipour N, Gholami M, Saber M, Jafar Gandomi S, Lashgari NA, Sadri A, **Sabzevari O** (2023). "Evaluation of acute and sub-chronic oral toxicities of Neoneaster in rats." *J of Ethnopharmacology*, 311: 0-0. 116388
- **105)** Zeinvand-Lorestani H, Nili-Ahmadabadi A, Setayesh N, Faramarzi MA, **Sabzevari O** (2024). "The hepatically less toxic metabolites of aflatoxin B1 versus the parent toxin: an in vivo bioremediation study." *Toxin Reviews*, in press.
- **106)** Sarkar AH, **Sabzevari O**, Sadat Ebrahimi SE, Shahnazari S, Asadollahi-Rad R, Vazirian M (2024). "Evaluation of the Hepatoprotective Effect of the Lumpy Bracket Medicinal Mushroom *Trametes gibbosa* (Agaricomycetes) on CCl4-Induced Liver Injury in Rats." *International Journal of Medicinal Mushrooms*, 978: 176776.
- **107)** Alebooye S, Khadem E, Jeivad F, Aliasl F, Gholami M, khadem E, Hassanzadeh GhR, Rahimifard N, Keshavarz-Maleki R, **Sabzevari O** (2024). "Role of the Liver Capsule as a Traditional Medicine Formulation in the Treatment of Non-Alcoholic Fatty Liver Disease in Rats." *Pharmaceutical Chemistry Journal*, 57(10): 1539-1545.
- **108)** Keivanpour H, Zamzam R, Mojtahedzadeh M, Delnavazi MR, Sharifan A, **Sabzevari O** (2024). "6-Gingerol anti-inflammatory and antioxidant properties protect against heart and liver dysfunction in rats with sepsis." *J of Pharmacological Research - Modern Chinese Medicine*, 12: 100470.
- **109)** Noruzi M, Behmadi H, **Sabzevari O**, Taghizadeh G, Sharifzadeh M, (2024). "Liraglutide alleviated alpha-pyrrolidinovalerophenone (α -PVP) induced cognitive deficits in rats by modifying brain mitochondrial impairment." *European Journal of Pharmacology*, 26(7):67–74.
- **110)** Heydari M, Vazirian M, Sadati Lamardi, SN, Nazari N, **Sabzevari O** (2025). "Antioxidant and Protective Effect of *Ajuga chamaecistus* ssp. *tomentella* on CCl4 -Induced Liver Toxicity in Rat." *Traditional and Integrative Medicine*, 10(2):130-137.



D. Papers (Continued):

- **111)** Moshtagh A, Mehdizadeh M, Hosseinfakhr G, **Sabzevari O**, Taghizadeh G, Sharifzadeh M (2025). “Effect of Diamorphine on Spatial Learning and Memory and Mitochondrial Function of Male Rat Brain.” *Iranian J Pharmaceutical Research*, 24(1):00–00.
- **112)** Nazari N, Sadati Lamardi, SN, **Sabzevari O**, Karimi M, Rahimi R,(2025). “Biochemical and Histopathological Investigation of Nasturtium officinale on Thyroid Function: an Experimental Study on Models of Hypothyroidism and Hyperthyroidism.” *Research J Pharmacognosy*, 12(2):45-55.
- **113)** Rahimzadegan M, Khaboushan AS, Niknazar S, Hassannejad Z, **Sabzevari O** (2025). “Rolipram and Electrical Stimulation Synergistically Promote Neuronal Differentiation of Adipose-derived Stromal Cells: an in Vitro Study.” *Stem Cell Reviews and Reports*, 21(7):2218-2236.
- **114)** Delasoud S, Mojtahedzadeh M, Sharifzadeh M, Ghahremani MH, Kebriaeezadeh A, Gholami M, Sabzevari S, **Sabzevari O** (2025). “Effectiveness of Unfractionated Heparin vs. Enoxaparin in ARDS and Metabolic Dysfunction: A Comparative Study.” *BMC Immunology*, 26(1):00–00.