

Curriculum Vitae

ABDOLAMIR ALLAMEH, PhD
Professor and Head, Department of Clinical Biochemistry
Faculty of Medical Science, Tarbiat Modares University
Tehran, Iran

Personal profile:

Date of birth: September 16, 1959

Nationality: Iranian

Marital status: Married (two children)

Tel.: (9821)82883877

E-mail: allameha@modares.ac.ir / azarabad2003@yahoo.com

Scopus profile Id: "Allameh, Abdolamir"55398907600

Linkedin:https://www.linkedin.com/in/abdolamir-allameh-8b8b33a3?trk=nav_responsive_tab_profile_pic

Biochemist/Molecular biologist with more than 20 years experience in teaching and research. The main research interests are cancer research, clinical cancer research and anti-cancer studies. Molecular biology and biochemistry of stromal stem cells (MSCs) and their application in regenerative medicine.

Employment History:

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|---|---------------------------------|
| ❖ Head of the Department (Clinical Biochemistry) | 1997-To date |
| ❖ Dean of the Faculty of Medical Sciences, Tarbiat Modares University | 2006-2012 |
| ❖ Head of the Department (Clinical Biochemistry) | 1992-1997 |
| ❖ Professor | December 2002- Present |
| ❖ Associate Professor | September 1997- December 2002 |
| ❖ Assistant Professor | February 1991 to September 1997 |

Qualification and trainings:

Sabbatical leave: Use of transgenic mice in studying resistance to hepatotoxic drugs. Biomedical Research Center and Medical School, University of Dundee, Scotland, The UK (Six months) 1999- 2000.

Visiting Scientist: Lady Davis Research Institute of Medical Science, Jewish General Hospital, McGill University, Montreal Quebec, Canada. March 2017- February 2018.

PhD, Bombay (Mumbai) University, India

Title of PhD thesis: Molecular mechanisms of aflatoxin B1-induced carcinogenesis.

The work was carried in association with the Department of Biochemistry, V. Patel Chest Institute, University of Delhi, India under supervision of Prof. H.G. Raj. 1985-1990.

M.Sc (Medical Biochemistry)

Grant Medical College/ J.J. Hospital, University of Bombay (Mumbai), India, 1983-1985.

B.Sc. Microbiology (Honors)

Shivaji University, Maharashtra State, India, 1980-1983.

Interests and Hobbies: Swimming, Jogging.

Professional Affiliations:

1. Active Member, American Association for Cancer Research (AACR).
2. Iranian Biochemical Society.
3. Member, International Society of Studies on Xenobiotics (ISSX).
4. Member, Editorial Board, Clinical Biochemistry Journal (Elsevier).
5. Founder and Editorial Manager; Iranian Journal of Biotechnology.

Interests and Hobbies: Swimming, Jogging.

Honors and Awards:

- 1- Travel award from the ISSX for attending the Istanbul International meeting 4-8 September, 2010. Istanbul, Turkey.
- 2- Invited speaker: The 15th Alexander Hollander course: Genome-Environment Interactions and Genetic Toxicology, Sept. 23-36, 2009, Astana, Kazakhstan.
- 3- Second Rank Senior Researcher of Basic Medical Sciences, Eleventh Razi Medical Research Festival, Ministry of Health, Treatment and Medical Education. I.R. Iran (2005).
- 4- Travel Fellowship from the IDB to participate and deliver lecture at the XII Asian Symposium on Medicinal Plants Species and Other Natural Products, 13-18 November, 2006, Padang, Indonesia.
- 5- World Congress on Alternatives and Animal Use in the Life Sciences. August 21-25, 2005, Berlin, Germany.
- 6- Travel Fellowship from the Humane Society, USA to participate in the 5th World Congress on Alternatives and Animal Use in the Life Sciences. August 21-25, 2005, Berlin, Germany.
- 7- Outstanding Academic Performance Award, Tarbiat Modares University, for 3 academic years of 1995, 2001 and 2003.

8- Travel award from World Association of Pathology and Laboratory Medicine (WASPaLM) for participation and oral presentation in International Congress of Pathology and Lab. Medicine, Pusan, Korea, Sept., 2003.

9- Travel award from UNESCO for participation in International Oocyte Training course. Shanghai, China, 1997.

10- Travel award from ICOH for participation in the 25th International congress of Occupational Health, Stockholm, Sweden, 1996.

11- Young Scientist award from IUBMB for participation in the XVI International congress of Biochemistry and Molecular Biology, Delhi, India, 1994.

12- Young Scientist award from AACR for participation in the conference: Interaction of cancer susceptible genes and environmental carcinogenesis, IARC, Lyon, France, 1993.

13- Junior Research Fellow (JRF), University Grants Commission (India) 1987-1989.

14- Senior Research Fellow (SRF), Indian Council of Medical Sciences 1989-1990.

Selected full research articles published in peer-review journals:

1. Allameh A., Ahmadi-Ashtiani HR, Rezapour M, Rastegar H (2018). Role of Glutathione in balancing total antioxidant status and generation of reactive oxygen species during hepatic differentiation of bone-marrow-derived mesenchymal stem cells. *Journal of Stem Cells*, 13 (2).
2. Rostami-Mansoor S, Allameh A, Parsian H (2018). An apparent correlation between central nervous system and kidney's erythropoietin and TNF alpha expression at peak experimental autoimmune encephalomyelitis disease. *Journal of Molecular Neuroscience*. 65 (2), 246-254.
3. Rostami S, Emami-Aleagha MS, Ghasemi-Kasman M, Allameh A. (2018). Review article: Cross-talks between the kidneys and the central nervous system in multiple sclerosis. *Caspian J. Internal Medicine* 9 (3); 206-210.
4. MSE. Aleagha, MH. Harirchian, S. Lavasani, M. Javan, A. Allameh (2018). Differential Expression of Klotho in the Brain and Spinal Cord is Associated with Total Antioxidant Capacity in Mice with Experimental Autoimmune Encephalomyelitis. *Journal of Molecular Neuroscience*, 64: 543-550.
5. Shojaeian S, Allameh A, Jeddi-Tehrani M, Ghods R, Shojaeian J, Tabatabaei-Panah AS, Zarnani AH (2018). Quantum Dot-labeled Tags Improve Minimal Detection Limit of CA125 in Ovarian Cancer Cells and Tissues. 17 (4) 326-335.
6. Allameh A, Moazeni-Roodi A, Harirchi I, Ravanshad M, Motiee-Lagroudi M, Garajei A, Hamidavi A, Mesbah-Namin SA (2018). Promoter DNA methylation and mRNA

expression level of p16 gene in oral squamous cell carcinoma: correlation with clinicopathological characteristics. *Path Oncol. Res.* (In Revision).

7. Ahmadi-Ashtiani HR, Salehinia F, Rastegar, Allameh A, Rezazadeh Sh (2018). Differences in growth response of human hair follicle mesenchymal stem cells to herbal extracts and a growth factor. *Journal of Medicinal Plants*.17 (65); 35-46.
8. Karami M, Mehrabi F, Allameh A, Kakhki MP, Amiri A, Emmami-Aleagha MS (2017). Klotho gene expression decreases in peripheral blood mononuclear cells (PBMCs) of patients with relapsing-remitting multiple sclerosis. *Journal of the neurological sciences* 381, 305-307.
9. Hatamzadeh-Khaneghahi M, Shojaeian S, Allameh A. (2017). Single administrations of high and low doses of acetaminophen causes different effects on COX-2 gene expression and on tissue damage in liver and kidneys. *Physiology and Pharmacology* 21 (3), 251-259.
10. A Hamidavi A, Allameh A, Harirchi I, Moazeni-Roodi A, Motiee-Langroudi M (2017). Oxidative DNA Lesion (8-hydroxydeoxyguanosine), 8-Oxoguanine DNA Glycosylase 1, and Antioxidant Status in Iranian Patients Diagnosed with High-grade Oral SCC. *Oral & Maxillofacial Pathology Journal*, 8 (2):71-78.
11. Esmaeli S, **Allameh A**, Adelipour M, Allameh M, Soleimani M (2017). The impact of oxidative DNA changes and ATM expression on morphological and functional activities on hepatocytes obtained from mesenchymal stem cells. *Biologicals*, 47:52-58.
12. Adelipour M., Babaei F., Mirzababaei MR, **Allameh A**. (2017). Correlation of micro vessel density and c-Myc expression in breast tumor of mice. *Tissue and Cell*, 49:315–322.
13. Haghgoo SM, Khosravi A, Mortaz E, Pourabdollah-Toutkaboni M, Seifi SH, Sabour S, **Allameh A** (2017). Prognostic value of rare and complex mutations in EGFR and serum levels of soluble EGFR and its ligands in non-small cell lung carcinoma patients. *Clinical Biochem.* 50:293-300.
14. M Haghghat, A Khavanin, A Allameh (2017). OXIDATIVE STRESS INDICES IN RATS' LUNG TISSUES FOLLOWING SIMULTANEOUS EXPOSURE TO NOISE AND STYRENE. *J OCCUPATIONAL HEALTH & EPIDEMIOLOGY* 6 (1), 1-8.
15. Adelipour M, **Allameh A**, Tavangar SM, Hassan ZM, Soleimani M (2016). Inhibition of breast tumor growth and abnormal angiogenesis in mice treated with endothelial cells and

their progenitor mesenchymal stem cells derived from bone marrow. *Neoplasma*, 63(6); 911-924. [doi: 10.4149/neo_2016_610].

16. Moazeni-roodi A, **Allameh A**, Harirchi I, Ravanshad M, Motiee-Langroudi M, Ata Garajfei A(2016). Association of P16 gene expression with the pattern of its promoter methylation in pathologically high grade oral cavity squamous cell carcinoma (Submitted).
17. Moazeni-Roodi A, **Allameh A**, Harirchi I, Motiee-Langroudi M, Garajei A (2016). Studies on the Contribution of Cox-2 Expression in the Progression of Oral Squamous Cell Carcinoma and H-Ras Activation. *Pathol Oncol Res*, [Epub ahead of print]
18. **Allameh A**, Jazayeri M, Adelipour M. (2016). In vivo vascularization of endothelial cells derived from bone marrow mesenchymal stem cells in SCID mouse model. *Cell Journal (Yakhteh)*, 18 (2):179-188.
19. Maleklou N, **Allameh A**, & Kazemi A (2016). Targeted delivery of vitamin D3-loaded nanoparticles to C6 glioma cell line increased resistance to doxorubicin, epirubicin and docetaxel in-vitro. *Journal of In Vitro Cellular & Developmental Biology-Animal*. 52 (10); 989–1000.
20. Maleklou N, Allameh A, & Kazemi A (2016). Preparation, characterization and in vitro targeted delivery of novel Apolipoprotein E-based nanoparticles to C6 glioma with controlled size and loading efficiency. *Journal of Drug Targeting. J Drug Target*, 24(4): 348–358.
21. Haghgoo SM, Allameh A, Mortaz E, Garssen J, Folkert G, Barnes PJ, Adcock IM (2015). Review Article: Pharmacogenomics and targeted therapy of cancer: Focusing on non-small cell lung cancer. *European Journal of Pharmacology*,754(2015)82–91.
22. Esmaeli S, Allameh A, Soleimani M, Rahbarizadeh F and Frouzandeh-Moghadam M (2014). The role of albumin and PPAR- α in differentiation- dependent change of fatty acid profile during differentiation of mesenchymal stem cells to hepatocyte-like cells. *Cell Biochem. Funct.*, 32 (5): 410-419.
23. Kamelipour N, Mohsenifar A., Tabatabaei M, Rahmani-Cherati T, Kamyar Khoshnevisan K, Allameh A, Milani, MM, Najavand S, Etemadikia B (2014). Fluorometric determination of paraoxon in human serum using a gold nanoparticle-

immobilized organophosphorus hydrolase and coumarin 1 as a competitive inhibitor. *Microchimica Acta*, 181, (Issue 1-2) 239-248.

24. Allameh, A , Ahmadi-Ashtiani HR, Emami-Aleagha MS, Rastegar H (2014). The metabolic function of hepatocytes differentiated from human mesenchymal stem cells is inversely related to cellular glutathione levels. *Cell Biochem. Funct.*, 2 (2): 194-200.
25. Khajeniazi S, Allameh A., Soleimani M, and Mortaz E (2013). Changes in COX-2 and oxidative damage factors during differentiation of human mesenchymal stem cells to hepatocyte-like cells is associated with downregulation of P53 gene. *Biol. Chem.* 394(9):1213-1222.
26. Esmaeli S, Allameh A, Emami-Aleagha MS, Kazemnejad S, Soleimani M (2012). Expression of cytochrome P450 and glutathione S-transferase in human bone marrow mesenchymal stem cells. *Iranian Journal of Biotechnology*. 10(4): 270-74.
27. Ahmadi-Ashtiani HR, Allameh A, Rastegar H, Mortaz E, Saraf ZM (2012) Immunoregulatory effects of glutathione during mesenchymal stem cell differentiation to hepatocyte-like cells. *Iran J. Immunol.*, 9 (3), 175-187.
28. Faezizadeh Z, Mesbah-Namin A and Allameh A (2012). The effects of silymarin on telomerase activity in the human leukemia cell line K562, *Planta Med.* ;78(9):899-902.
29. Bagherzadeh Kasmani F., Karimi Torshizi, M. A. Allameh A., Shariatmadari F. (2012). A novel aflatoxin-binding *Bacillus* probiotic: Performance, serum biochemistry, and immunological parameters in Japanese quail. *Poult. Sci.* 91:1846-1853.
30. Allameh A, Razavi-Azarkhiavi, Mohsenifar A, Jamali-Zavarei M (2012). Effect of acute ethanol treatment on biochemical and histopathological factors in rat liver in an experimental sepsis model. *Pathology-Research and Practice*, 208: 331-337.
31. Mortaz E, Masjedi MR, Allameh A and Adcock IM (2012). Review article: Inflammasome signaling in pathogenesis of lung diseases. *Curr Pharmaceut Design*, 18:2320-2328.
32. Allameh A, Kazemnejad S (2012). Review article: Safety evaluation of stem cells used for clinical cell therapy in chronic liver diseases; with emphasize on biochemical markers. *Clinical Biochem*, 45: 385-396.

33. Ahmadi-Ashtiani HR, Allameh A, Rastegar H, Soleimani M, Barkhordari E (2012). Inhibition of cyclooxygenase-2 and inducible nitric oxide synthase by silymarin in proliferating mesenchymal stem cell: comparison with glutathione modifiers. *J. Natural Medicines*, 66:85–94.
34. Ghaderi, M, Allameh, A, Soleimani, M, Rastegar H, Ahmadi-Ashtiani HR (2011). A comparison of DNA damage induced by aflatoxin B1 in hepatocyte-like cells, their progenitor mesenchymal stem cells and CD34+ cells isolated from umbilical cord blood. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*.719: 14-20.
35. Dadkhah A, Allameh A., Khalafi H, Ashrafihelan J (2011). Inhibitory effects of dietary caraway essential oils on 1, 2-dimethylhydrazine-induced colon carcinogenesis is mediated by liver xenobiotic metabolizing enzymes. *Nutrition and Cancer*, 63: 46-54.
36. Fatemi F, Allameh A, Khalafi H, Rajaei R and Rezaei MB (2011). Biochemical properties of γ -irradiated caraway essential oils. *J. Food Biochem* 35: 650–662.
37. Hashemifard, N, Mohsenifar A, Ranjbar B, Allameh A, Lotfi AS, Etemadikia B (2010). Fabrication and kinetic studies of a novel silver nanoparticles-glucose oxidase bioconjugate. *Analytica Chimica Acta* 675 (2), pp. 181-184.
38. Abedelahi A., Salehnia M, Allameh A, Davoodi D (2010). Sodium selenite improves the in vitro follicular development by reducing the reactive oxygen species level and increasing the total antioxidant capacity and glutathione peroxidase activity. *Human Reproduction* 25 (4), pp. 977-985.
39. Shojaeian S, Allameh A, Zarnani AH, Chamankhah M, Ghods R, Bayat AA, Jeddi-Tehrani M (2010). Production and characterization of monoclonal antibodies against the extracellular domain of CA125. *Immunological Investigations* 39 (2), pp. 114-131.
40. Fatemi F, Allameh A, Khalafi H, Ashrafihelan J (2010). Hepatoprotective effects of γ -irradiated caraway essential oils in experimental sepsis. *Applied Radiation and Isotopes*,68; 280-285.
41. Noori S, Taghikhani M, Hassan ZM, Allameh A, Mostafaei A (2010). Tehranolide molecule modulates the immune response, reduce regulatory T cell and inhibits tumor growth in vivo. *Molecular Immunology* 47; 1579–1584.

42. Noori S, Taghikhani M, Hassan ZM, Allameh A and Mostafaei A (2009). Tehranolide could shift the immune response towards Th1 and modulate the intra-tumor infiltrated T regulatory cells. *Iranian Journal of Immunology* 6: 216-224.
43. Shojaeian, S, Zarnani AH, Jeddi-Tehrani M, Fereidooni F, Torkabadi, E, Akhondi, MM, Tabatabaei-Panah, AS and Allameh A (2009). Heterologous immunization, a way out of the problem of monoclonal antibody production against carcinoma antigen 125. *Iranian Journal of Immunology* 6: 174-185.
44. Allameh A., Rasmi Y, Nasser-Moghaddam S, Tavangar, SM, Sharifi R, Sadreddini M (2009). Immunohistochemical analysis of selected molecular markers in esophagus precancerous, adenocarcinoma and squamous cell carcinoma in Iranian subjects. *Cancer Epidemiology (Cancer Detection and Prevention)* 33: 79-84.
45. Allameh A, Esmaeli, S, Kazemnejad S and Soleimani M (2009). Differential expression of glutathione S-transferases P1-1 and A1-1 at protein and mRNA levels in hepatocytes derived from human bone marrow mesenchymal stem cells. *Toxicology in Vitro*, 23:674-679.
46. Jazayeri M, Allameh A, Soleimani M, Kazemnejad S, (2008). Molecular and ultra-structural characterization of endothelial cells differentiated from human bone marrow mesenchymal stem cells. *Cell Biology International*, 32: 1183-1192.
47. Kazemnejad S, Allameh A, Gharebaghian A, Soleimani M, Mohammadi Y, Amirizadeh N and Jazayeri M (2009). Biochemical and molecular characterization of hepatocyte-like cells derived from human bone marrow mesenchymal stem cells on a novel three-dimensional biocompatible nanofibrous scaffold. *J Gastroenterol Hepatol*. 24:278-87.
48. Abedelahi A, Salehnia M, Allameh A (2008). The effects of different concentrations of sodium selenite on the in vitro maturation of preantral follicles in serum-free and serum supplemented media. *J. Assisted Reproduction and Genetics* 25: 483-488.
49. Allameh A., Maleklou N., Zargari M., Sanati MH., (2008). The influence of uric acid treatments on liver glutathione system prevent oxidative damages in experimental autoimmune encephalomyelitis mice. *Neuroscience Lett.*, 439:111-115.
50. Kazemnejad S, Allameh A, Gharebaghian A, Soleimani A, Amirizadeh N (2008). Efficient replacing of fetal bovine serum with platelet lysate during propagation and

differentiation of human bone marrow derived mesenchymal stem cells to functional hepatocytes-like cells. *Vox Sanguinis*, 95:149-58.

51. Kazemnejad S, Allameh A, Gharebaghian A, Soleimani A, Amirizadeh N and Ismaeili S (2008). Functional hepatocyte-like cells derived from human bone marrow mesenchymal stem cells on a novel three-dimensional biocompatible nanofibrous scaffold. *The International J. Artificial Organs*, 31:500-507.
52. Ziglari T, Allameh A., Razzaghi-Abyaneh M, Khosravi AR, Yadegari MH (2008). Comparison of glutathione S-transferase activity and concentration in aflatoxin-producing and their non-toxigenic counterpart isolates. *Mycopathologia*, 166: 219-226.
53. Sharifi R, Allameh A, Biramijamal F, Mohammadzadeh SH, Rasmi Y, Tavangar SM and Jamali Zavarei M (2008). Relationship between genetic polymorphism of glutathione S-transferase-P1 and p53 protein accumulation in Iranian esophageal squamous cell carcinoma patients. *Indian J. Cancer*, 45: 8-12.
54. Allameh A, Amini-Harandi A, Osati-Ashtiani F, O' Brien PJ (2008). Iron overload induced apoptotic cell death in isolated rat hepatocytes mediated by reactive oxygen species. *Iran. J. Pharmacol. Sci.*, 7: 115-121.
55. Rasooli I, Fakoor MH, Yadegarinia D, Gachkar L, Allameh A. and Rezaei MB (2008). Antimycotoxic characteristics of *Rosmarinus officinalis* and *Trachyspermum copticum* L. essential oils. *International Journal of Food Microbiology*, 122, 135-139.
56. Zargari M, Allameh A, Sanati MH, Taki-Tirarhi, Lavasani S, and Emadyan O (2007). Relationship between the clinical scoring and demyelination in central nervous system with total antioxidant capacity of plasma during experimental autoimmune encephalomyelitis development in mice. *Neuroscience Lett.*, 412: 24-28.
57. Mirzaee A, Allameh A, Mortazavi SB, Khavanin A, Kazemnejad A, Akbary A (2007). Assessment of outer hair cell function and blood antioxidant status of rabbits exposed to noise and metal welding fumes. *Auris Nasus Larynx*, 34: 147-154.
58. Kazemnejad S, Yusef Rasmi Y, Sharifi R, Allameh A (2006). *Iran. J. Biotechnol.*, Review Article: Class-Pi of glutathione S-transferases, 4 (1); 1-16.
59. Rasmi Y, Allameh A, Nasser-Moghaddam S, Gill P, Forouzandeh-Moghaddam M, Hedayati M. (2006). Comparison of glutathione S-transferase-Pi expression at mRNA

levels in esophageal mucosa using RT-PCR-ELISA in individuals with reflux diseases, adenocarcinoma, and squamous cell carcinoma. *Clinical Biochemistry*, 39: 997-1001.

60. Razzaghi-Abyaneh M, Shams-Ghahfarokhi M, Kawachi A, Eslamifar A, Schmidt OJ, Schmidt, A., Allameh A and Yoshinari T. (2006). Ultrastructural evidences of growth inhibitory effects of a novel biocide, Akacidplus®, on an aflatoxigenic *Aspergillus parasiticus*. *Toxicon*, 48:1075-1082.
61. Taghizadeh-Afshar A, Shirpoor A, Amirabbas F, Saadatian R, Rasmi Y, Saboory E, Ilkhanizadeh B, and Allameh A (2006). The effect of ginger on diabetic nephropathy, plasma antioxidant capacity, and lipid peroxidation in rats. *Food Chemistry*, 101: 148-153.
62. Fatemi F, Allameh A, Dadkhah F, Forouzandeh M, Kazemnejad S and Sharifi R (2006). Changes in hepatic cytosolic glutathione S-transferase activity and expression of its class-P during prenatal and postnatal period in rats treated with aflatoxin B1. *Archives of Toxicology*, 80: 572-579.
63. Rasooli I, Rezaei M-Bagher and Allameh A (2006). Growth inhibition and morphological alterations of *Aspergillus niger* by essential oils from *Thymus eriocalyx* and *Thymus x-porlock*. *Food Control*, 17: 359-364.
64. Rasooli I, Rezaei M-B and Allameh A (2006). Ultrastructural studies on antimicrobial efficacy of thyme essential oils on *Listeria monocytogenes*. *International Journal of Infectious Diseases*, 10: 236-241.
65. Mohammadzadeh-Ghobadloo, Yaghmaei B, Allameh A, Hassani P, Noorinayer B and Zali MR (2006). Polymorphisms of glutathione S-transferase M1, T1, and P1 in patients with HBV-related liver cirrhosis, chronic hepatitis, and normal carriers. *Clinical Biochemistry*, 39: 46-49.
66. Dadkhah A., Fatemi F., Kazemnejad S., Rasmi Y., Ashrafi-Helan and Allameh A. (2006). Differential effects of acetaminophen on enzymatic and non-enzymatic antioxidant factors and plasma total antioxidant capacity in developing and adult rats, *Molecular and Cellular Biochemistry*, 281:145-52.
67. Allameh A, Safamehr A, Mirhadi SA, Shivazad M, Razzaghi-Abyaneh M and Afshar-Naderi A (2005). Evaluation of biochemical and production parameters of broiler chicks fed ammonia treated aflatoxin contaminated maize grains. *Animal Feed Science and Technology*, 122: 289-301.

68. Razzaghi-Abyaneh M, Allameh A., Tiraihi T, Shams-Ghahfarokhi M and Ghorbanian M (2005). Morphological alterations in toxigenic *Aspergillus parasiticus* exposed to neem (*Azadirachta indica*) leaf and seed aqueous extracts. *Mycopathologia*, 159: 565-570.
69. Rasooli I, Rezaei MB and Allameh A (2006). Growth inhibition and morphological alterations of *Aspergillus niger* by essential oils from *Thymus eriocalyx* and *Thymus xporlock*. *Food Control*, 17: 359-364.
70. Rahbarizadeh F, Rasaee MJ, Forouzandeh M and Allameh A (2006). Over expression of anti-MUC1 single-domain antibody fragments in the yeast *Pichia pastoris*. *Molecular Immunology*, 43: 426-435.
71. Farzaneh A, Allameh A, Pratt S, Moore N, Travis L, Gottschalg E, Kind C, Fry J (2005). Increased heat shock protein 70 expression following toxicant-mediated cytotoxicity: an ubiquitous marker of toxicant exposure? *ALTA- Alternatives to Laboratory Animals*, 33:105-110.
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73. Naderi-Kalali B, Allameh A., Rasaee MJ, Bach H-J, Behechti A, Doods K, Kettrup A, Schramm K-W (2005). Suppressive effects of caraway (*Carum carvi*) extracts on 2, 3, 7, 8-tetrachloro-dibenzo-p-dioxin-dependent gene expression of cytochrome P450 1A1 in the rat H4 II E cells. *Toxicology in Vitro*, 267: 195-201.
74. Ansari Hadipour H., Allameh A. Hajhaidari M., Dadkhah A. and Rasmi Y. (2004).Influence of plasma total antioxidant ability on lipid and protein oxidation products in plasma and erythrocyte ghost obtained from developing and adult rats treated with two vitamin K formulations. *Mol. Cell. Biochem.*, 267: 195-201.
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76. Rahbarizadeh F, Rasaee MJ, Frouzandeh M, Allameh A, Narang SA, Sadeghizadeh, M (2004). Induction of immune response in *Camelus bactrianus* and *Camelus*

dromedaries against MUC-1 peptide produced heavy-chain antibodies with efficient combining properties. *J. Camel Practice Res.*, 11: 1-9.

77. Mohammadzadeh GS, Nasser-Moghadam S., Rassae MJ, Zaree AB, Mahmoodzadeh H. and Allameh A. (2003). Measurement of glutathione S-transferase and its class-P in plasma and tissue biopsies obtained after laparoscopy and endoscopy from subjects with esophagus and gastric cancer. *Clinical Biochemistry*, 36: 283-288.
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Book Chapters/book:

1. Rassoli I. and Allameh A. (2015). Caraway: usage and applications in traditional medicine and food sciences. Chapter 32, Page 287- 293. Book "Essential Oils in Book title: Food Production, Preservation, Flavour and Safety". Edited by Victor Preedy. 1st Edition. Print **Book & E-Book**. ISBN 9780124166417, 9780124166448. Elsevier Publications.
2. Tahereh Ziglari¹ and Abdolamir Allameh (2013). **The Significance of Glutathione Conjugation in Aflatoxin Metabolism**. Chapter 13; page 267-286. Book title; "Aflatoxins - Recent Advances and Future Prospects", edited by Mehdi Razzaghi-Abyaneh, ISBN 978-953-51-0904-4, InTech Publisher. DOI: 10.5772/52096.
3. Abdolamir Allameh, Tahereh Ziglari and Iraj Rasooli (2011). **Phytoinhibition of Growth and Aflatoxin Biosynthesis in Toxigenic Fungi**. Chapter 15; 283- 316. Book "[Aflatoxins - Detection, Measurement and Control](#)", edited by Irineo Torres-Pacheco, ISBN 978-953-307-711-6, InTech Publisher. DOI: 10.5772/25052.
4. Rasooli I, Allameh A, and Rezaei MB (2005). Antimicrobial efficacy of thyme essential oils as food preservatives. In: Focus on food policy, control and research. Nova Science Publishers Inc., New York.
5. Allameh A, Razzaghi (editors). Mycotoxins (in Persian language), Imam Hussein University Press, 2001. (Selected as year book 2001 by Ministry of Culture and Islamic Guidance, I. R. Iran).
6. Bansal M, Saxena M, Mukerji KG, Allameh A, and Raj HG. Book Chapter: Aflatoxins in seeds Chapter 11. In: Current concepts in Seed Biology (1992) pp.157-176. Mukerji et al. edition, Naya Prakash, Calcutta, India.
7. Allameh A, Saxena M, Bansal M, Mukerji KG and Raj HG. Book Chapter: Aflatoxins: Metabolism and Biological effects. In: Concepts in Applied Microbiology and Biotechnology. (1992), pp: 227-244. Mukerji, Singh & Garg edition. India.
8. Raj HG, Saxena M, Allameh A and Mukerji KG. Book Chapter: Metabolism of foreign compounds by fungi. In: Handbook of Applied Mycology (Fungal Biotechnology) Vol.4 (1992). pp.157-176. Arora, Elander & Mukerji edition, Marcel Dekker, New York, Basel, Hong Kong.

9. Saxena M, Mukerji KG, Mullick J, Allameh A. and Raj HG. Book Chapter: Metabolism of glutathione in microorganisms. In: *Frontiers in Applied Microbiology*, Vol.3 (1988) pp.112-128. Mukerji and Singh edition. V.P. Rastogi and Co. India.
10. Allameh A, Ziglari T and Rasooli I (2011). Book Chapter: Phytoinhibition of growth and aflatoxin biosynthesis in toxigenic fungi. Chapter 15. Pp. 283-316. In: *Aflatoxins, Detection, Measurement and Control*, ISBN 978-953-307-711-6. Edited by Irineo Torres-Pacheco, InTech Publication.

Reviewer for international scientific journals:

Clinical Biochemistry (Elsevier)
 Toxicology in Vitro (Elsevier)
 Toxicology (Elsevier)
 Biomaterials (One article)
 Cancer Research (One article)
 Iranian Journal of Biotechnology
 Tissue and Cell

International meetings/Workshops attended:

1. International Biotechnology Symposium (IBS 2018), August 21-27 Montreal, Quebec, Canada (Oral presentation).
2. Food Chemistry and Hydrocolloides, August 11-12, Toronto, Canada (Oral presentation)
3. International Phytopharm-2015, July 20-24, Bonn, Germany (Oral presentation).
4. Asian Nano forum Conference, March 8-11, 2015, Kish Island, Iran.
5. Cell Imaging Multireader (Cytation-III) workshop, Nov. 12, 2014, Bio Tek Tarbiat Modares University, Tehran, Iran.
6. 19th International symposium on microsomes and drug oxidations and 12th European regional ISSX meeting. June 17-21, 2013, Netherlands.
7. ISSX International meeting, 4-8 September, 2010, Istanbul, Istanbul, Turkey.
8. The 15th Alexander Hollaender Course "Genome-environment Interactions and genetic toxicology". September 23-26, 2009, Astana, Kazakhstan (Oral presentation).
9. Third Regional Conference on Medical Journals in the Eastern Mediterranean. January 2006, Shiraz, I. R. Iran (Oral presentation).
10. The XII Asian Symposium on Medicinal Plants Species and Other Natural Products, 13-

- Nov., 2006, Padang, Indonesia (Oral presentation).
11. Second International congress of Biochemistry and 9th Iranian Biochemical Congress. February 2007, Shiraz, Iran.
 12. 8. First International congress of Biochemistry and 8th Iranian Biochemical Congress.
 13. September 2005, Tehran, Iran (Oral presentation)
 14. 9. 5th World Congress on Alternatives and Animal Use in the Life Sciences. August 21-25, 2005, Berlin, Germany.
 15. 14th Biennial conference of Asian Pacific Association for the study of the liver. December
 16. 11-15, 2004, New Delhi, India (Oral presentation).
 17. 11. The 3rd World Congress on Medicinal and Aromatic Plants for Human Welfare
 18. (WOCMAP III). February, 3-7, 2003, Chiang Mai, Thailand.
 12. 22nd World Congress of Pathology and Laboratory Medicine, Sept., 2003 Pusan, Korea (Oral presentation).
 - 13- 19th European Drug Metabolism Workshop, September 16-20, 2002, Valencia, Spain.
 - 14- Human Genome Diversity in Islamic countries (International Conference), May 7-8, 2002, Tehran, I.R. Iran (Oral presentation).
 15. Eurotox 2001, the XXXIX European Congress of Toxicology, September, 13-16, 2001, Istanbul, Turkey.
 16. P53 Workshop, Twenty year on, May 20-22, 1999, Trieste, Italy.
 17. International Congress of Toxicology (ICT-VIII), July 5-9, 1998, Paris, France.
 18. 7th European Association for Veterinary Pharmacology & Toxicology (EAVPT) International Congress. July 6-10, 1997, Madrid, Spain.
 19. International training course on the use of oocytes for studying structure, function and regulation of membrane proteins. (UNESCO). Chinese Academy of Science-Max-Planck Institute, 14-26 April 1997, Shanghai-China.
 20. First International Congress of Asia-Pacific Association of Medical Toxicology (APAMT-1), 27-30 Sept. 1997. Tehran (Oral presentation).
 21. International Congress of Occupational Health (ICOH). Stockholm, Sweden (1996).
 22. Second International Congress of Food & Cancer Prevention, Ede, Netherlands (1996).
 23. International Congress of Biochemistry & Molecular Biology (IUBMB), New Delhi, India (1994).
 24. International conference on Interactions of cancer susceptibility genes and environmental carcinogens. IARC-AACR, Lyon, France (1993).
 25. International Congress of Toxicology, Rome Italy (1992).
 26. International Symposium on Cytochrome P-450 of Microorganisms, Berlin, Germany (1991).

