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Education:

Visiting Professor: Department of Pharmaceutical Sciences, Faculty of Pharmacy, University of Toronto, Canada, 2010 – 2012. (Study of physico-chemical properties of nucleic acids and thermodynamics of ligand- DNA).

Post Doc: Department of Pharmaceutical Sciences, Faculty of Pharmacy, University of Toronto, Canada, 2000-2002. (Study of physico-chemical properties of proteins, and thermodynamics of ligand-protein and protein-protein association).

Ph.D.: School of Pharmacy, Mashhad University of Medical Sciences, Mashhad, Iran

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Publications

Book

Chemical and Natural Surfactants, summer 2007, Vajheganekharad, Mashhad, Iran. (In Farsi)

Papers

1- Mahmoudi Moghaddam H., Dehghan Noudeh G.R., Basir M. 2016. Evaluation the thermodynamic behavior of nonionic polyoxyethylene surfactants against temperature changes. *Pak. J. Pharm. Sci.*, 29(2): 521-527.

2- Sharififar F., Dehghan Noudeh G.R., Moshafi M.H., Ohadi M., Basir M., Yazdanpanah E., Yusefian S., 2015. Antimutagenic activity of major fractions of *Zataria multiflora* Boiss by Ames method. *Asian journal of Pharmaceutics*. 9(3): 195-199.

3 – Moghaddam H.M., Hadi Beitollahi H., Taji S., Karimi H., Dehghan Noudeh G.R., 2015. Simultaneous determination of norepinephrine, acetaminophen and tryptophan using a modified graphene nanosheets paste electrode. *Res Chem Intermed*. 41: 6885-6896.

4 – Ohadi M., Amirheidari B., Moshaf M.H.i, Mirparizi A., Basir M., and Dehghan Noudeh G.R., 2014 . Encapsulation of Biosurfactan Producing *Bacillus licheniformis* (PTCC 1320) in Alginate Beads. *Biotechnology*. 13(5): 239-244.

5- Shek Y.L., Dehghan Noudeh G. R., Nazari M., Heerklotz H., Abu-Ghazalah R.M., Dubins D. N., Chalikian T. V., 2014. Folding Thermodynamics of the Hybrid-1 Type Intramolecular Human Telomeric G-Quadruplex. *Biopolymers*. 101(3): 216 – 227.

6- Fariba Sharififar, Gholamreza Dehghan-Nudeh, Zeinab Raeiat, Bagher Amirheidari, Mandan Mosharefi, Amin Purhemati. 2013. Tyrosinase Inhibitory Activity of Major Fractions *Quercus Infectoria* Galls. *Pharmacognosy Communications*. 3(1): 21 – 26.

7- Dehghan Noudeh, G. R., Sharififar F., Dehghan Noodeh, A., Moshafi, M.H., Behravan E., Dehghan Noodeh, A., Rezaeei – Gharaeei R., 2013. Antimutagenicity Activity of Different Fractions of *Zataria multiflora*, *Achillea wilhelmsii* and *Camellia sinensis* using Ames Test. *J. Med. Sci*. 13(6): 459-464.

8- Mohajeri E., and Dehghan Noudeh G.R., 2012. Effect of temperature on the critical micelle concentration and micellization thermodynamic of nonionic surfactants: Polyoxyethylene Sorbitan Fatty Acid Esters. *E-Journal of Chemistry*. 9(4): 2268-2274.

- 9- Dehghan Noudeh G.R., Moshafi M.H., Dehghan-Noodeh A. and Rezapour M., 2012. Evaluation of the anti-bacterial and anti-tumour activity of two Chroman -4- one derivatives. *Afr. J. of Microbiol. Res.* 6(34): 6319-6324.
- 10- Naghibi B., Sheibani V., Bagherinia M., Dehghan-Nudeh G.R., Sharififar F., 2011. Anti Anxiety Effect of Ghavoot: A Traditional Nutrient Preparation. *International Journal of Biological chemistry.* 5(5): 322-326.
- 11 – Dehghan Noudeh G.R., Sharififar F., Khazaeli P., Mohajeri E. and Jahanbakhsh J., 2011. Formulation of herbal conditioner shampoo by using extract of fenugreek seeds and evaluation of its physicochemical parameters *Afri. J of Pharmacy and Pharmacology.* 5(22): 2420-2427.
- 12- Dehghan Noudeh, G. R., Sharififar F., Behravan E., Mohajeri E., and Alinia V., 2011. Medicinal plants as surface activity modifiers. *J. Med. Plants Res.* 5(22): 5378-5383.
- 13- Dehghan Noudeh, G. R., Khazaeli P., Behravan E., Ahmadi Afzadi M., Dehghan-Noudeh A., and Hassani M., 2011. Evaluating the toxicity of permeability enhancers of polyethylene glycol Brij ethers surfactants group on cellular membranes and some of their physicochemical properties. *Afr. J. Biotechnol.* 10(48): 9931-9938.
- 14- Moshafi M.H., Forootanfar H., Ameri A., Shakibaie M., Dehghan Noudeh, G. R., and Razavi M., 2011. Antimicrobial Activity of *Bacillus* Sp. Strain FAS1 isolated from soil. *Pak. J. Pharm. Sci.* 24(3): 269-275.
- 15- Sharififar F., Derakhshanfar A., Dehghan Noudeh, G. R., Abbasi N., Abbasi R., Rezaei – Gharaei R., and Koochpayeh A., 2011. In vivo Antioxidant Activity of *Zataria Multiflora* Bioss Essential Oil. *Pak. J. Pharm. Sci.* 24(3): 221-225.
- 16- Dehghan Noudeh, G. R., Sharififar F., Dehghan Noodeh, A., Moshafi, M.H., Ahmadi Afzadi, M., Behravan E., Aref M., and Sakhtianchi R., 2010. Antitumor and antibacterial activity of four fractions from *Heracleum persicum* Desf. and *Cinnamomum zeylanicum* Blume. *J. Med. Plant. Res.* 4(21): 2176-2180.
- 17- Dehghan Noudeh, G. R., Dehghan Noodeh, A., Moshafi, M.H., Ahmadi Afzadi, M., Pardakhti, A., Salandari, M., 2010. Investigating the effects of various additives on surface activity and emulsification index of biosurfactant resulting from broth media of *Bacillus subtilis* PTCC 1023. *Afr. J. Microbiol. Res.* 4(19): 1981-1990.
- 18- Dehghan Noudeh, G. R., Sharififar F., Basir, M.Z., 2010. Scalp dandruff (symptoms, pathology, and treatment). *Razi.* 338: 37-42.
- 19- Dehghan Noudeh, G. R., Dehghan Noodeh, A., Moshafi, M.H., Behravan E., Ahmadi Afzadi, M., Sodagar M., 2010. Investigation of cellular hydrophobicity and surface activity effects of biosyntheses biosurfactant from broth media of *Pseudomonas aeruginosa* PTCC 1561. *Afr. J. Microbiol. Res.* 4(17): 1814-1822.
- 20- Dehghan Noudeh, G. R., Moshafi, M.H., khazaeli, P., Akef, F., 2010. Studies on Bioemulsifier Production by *Bacillus licheniformis* PTCC 1595. *Afr. J. Biotechnol.* 9(3): 352-356.
- 21- Dehghan-Noudeh, G.R., Sharififar, F. , Khatib, M., Behravan E., Ahmadi Afzadi, M. 2010. Study of hemolytic and surface activities of aqueous extract of three medicinal plant. *Afr. J. Biotechnol.* 9(1): 110-116.
- 22- Dehghan Noudeh, G. R., Moshafi, M.H., Behravan, E., Torkzadeh, S., 2009. Screening three strains of *Pseudomonas aeruginosa* (PTCC 1074, PTCC 1310, and PTCC 1430) for a kind of biosurfactant production. *Am. J. Applied Sci.*, 6(8):1453-1457.

- 23- Sharififar F., Moshafi MH., Dehghan GR., Ameri A., Alishahi F., Pourhemati A., 2009. Bioassay screening of the essential oil and various extracts from 4 spices medicinal plants., Pak.J.Sci., 3: 317-322.
- 24- Sharififar F., Moshafi MH., Dehghan GR., Ameri A., Alishahi F., 2009. Evaluation of Cytotoxicity of the Essential Oil and Various Extracts of *Cinnamon* and *Ginger* using Brine Shrimp Lethality Assay (BSL). Journal of Medicinal Plants. 8(30): 110-120.
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- 27- Dehghan Noudeh, G. R., khazaeli, P., Mirzaei, S., Sharififar F., Nasrollahosaini, S. 2009. Determination of toxicity effect of sorbitan esters surfactants group on biological membrane. J. Biol. Sci., 9(5): 423-430.
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- 30- Dehghan Noudeh, G. R., khazaeli, P., Rahmani, P., 2008. Study of the effect of polyethylene glycol sorbitan esters surfactants group on biological membranes. Inter. J. Pharmco. 4(1): 27-33.
- 31- Dehghan Noudeh, G. R., Moshafi, M.H., khazaeli, P., Akef, F., 2008. Properties of biosurfactant produced by *Bacillus licheniformis*. 216: 39-43.
- 32- Dehghan Noudeh, G. R., Moshafi, M.H., Torkzadeh, S., 2007. Properties and applications of biosurfactants produced by *Pseudomonas aeruginosa*. Razi, 205: 26-29.
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- 38- Dehghan Noudeh, G.R., Fazly Bazzaz, B.S., Housaindokht, M.R., 2003. Properties and applications of biosurfactants produced by *Bacillus subtilis*. Razi, 164, 670-678.
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