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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- Saeed Azizi 1, Neda Mohamadi 1, Fariba Sharififar 1, Gholamreza Dehghannoudeh 2, Farzaneh Jahanbakhsh 3, Fatemeh Dabaghzadeh 4-.2022.: Rosemary as an adjunctive treatment in patients with major depressive disorder: A randomized, double-blind, placebo-controlled trial journal.Complementary therapies in clinical practice,49

2-Hamid Akbari Javar, Ahmad Rajabizadeh, Gholamreza Dehghannoudeh, Hadi Mahmoudi-Moghaddam .2022.: Electrochemical determination of sulfamethoxazole in biological and drug samples using Ce (III)-doped CuO modified electrode,journal Measurement,203

3- Hamid Akbari Javar, Hadi Mahmoudi-Moghaddam, Zahra Garkani-Nejad, Gholamreza Dehghannoudeh-.2022. Grass-like Pt-doped NiCo₂O₄ modified electrode for electrochemical detection of amlodipine: Measurement,191(15)

4- Marzieh Sajadi Bami, Mohammad Amin Raeisi Estabragh, Mandana Ohadi, Ibrahim M Banat, Gholamreza Dehghannoudeh.2022. Biosurfactants aided bioremediation mechanisms: A mini-review: Soil and Sediment Contamination,31(7)

5- Sajadi Bamia.M , Raeisi Estabragh.M.A, Payam Khazaeli.P , Ohadi.M , Dehghannoudeh.G.2022, pH-responsive drug delivery systems as intelligent carriers for targeted drug 1 therapy: Brief history, properties, synthesis, mechanism and application, Journal of Drug Delivery Science and Technology

6- Salarpour S.,Rajaei M.,Send mail to Rajaei M.,Mohajeri E.,Hobab M.,Ohadi M.,Banat I.M., Dehghannoudeh G,2022, A Thermodynamic Micellization and Hemolysis Evaluation of Polysorbate Surfactants in Combination with Short-Chain Alcohols, Journal of Cluster Science

7- Majid Rajaei, Amir Talachi, Abbas Pardakhty, Ehsan Mohajeri, Negar Dehghannoudeh, Mohammadzaman Basir, Gholamreza Dehghannoudeh, Moslem Lari Najafi.2021. Preparation and

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8- Shamseddini Iori.M , Ohadi.M , Raeisi Estabragh.M.A , Afsharipour.S , M Banat.I and Dehghannoudeh.G.2021. pH-Sensitive Polymer-Based Carriers as a Useful Approach for Oral Delivery of Therapeutic Protein: A Review, Protein & Peptide Letters,15(4)

9- Bami, M.S., Khazaeli, P., Forootanfar, H., Dehghannoudeh, G., Ohadi, M. 2021, Isolation and identification of biosurfactant producing bacterial strain from saline soil samples in Iran: Evaluation of factors on biosurfactant production, Jundishapur Journal of Natural Pharmaceutical Products, 15(4),e96798

10- Mehrabani M.,Esmaeili-Tarzi M.,Forootanfar H.,Nematollahi M.H.,Banat I.M.,Ohadi M.,Send mail to Ohadi M.,Dehghannoudeh G. 2021.Lipopeptide Biosurfactant from Acinetobacter junii B6: A Promising Natural Surfactant for Promoting Angiogenesis. International Journal of Peptide Research and Therapeutics. 27(2), pp. 1197-1203

11- Raeisi Estabragh, M.A., Bami, M.S., Ohadi, M., Banat, I.M., Dehghannoudeh, G.2021. Carrier-Based Systems as Strategies for Oral Delivery of Therapeutic Peptides and Proteins: A Mini-Review. International Journal of Peptide Research and Therapeutics, 27(2), pp. 1589-1596

12- Afsharipour S.,Asadi A.a,Ohadi M.a,Ranjbar M.a,Forootanfar H.b,Jafari E.c,Dehghannoudeh G..2021. Preparation and Characterization of Nano-Lipopeptide Biosurfactant Hydrogel and Evaluation of Wound-Healing Properties BioNanoScience, 11(4), pp. 1061-1069

13- Ashrafizadeh M., Ahmadi Z., Mohamadi N.,Zarrabi A. Abbasi S., Dehghannoudeh G.R., Tamaddondoust R.N., Khanbabaie H., Mohammadinejad R., Kumar Thakur V., 2020. Chitosan-based advanced materials for docetaxel and paclitaxel delivery: Recent advances and future directions in cancer theranostics. International Journal of Biological Macromolecules. 145: 282–300.

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- 20- Ranjbar M., Dehghan Noudesh G.R., Hashemipour MA., Mohamadzadeh I., 2019. A systematic study and effect of PLA/Al₂O₃ nanoscaffolds as dental resins: mechanochemical Properties. *Artificial Cells, Nanomedicine, and Biotechnology*. VOL. 47, NO. 1, 201–209.
- 21 - Dehghannoudeh G.R., Kiani K., Moshafi M.H., Dehghannoudeh N., Rajaei M., Salarpour S., Ohadi M., 2019. Optimizing the immobilization of biosurfactant – producing *Pseudomonas aeruginosa* in alginate beads. *Journal of Pharmacy & Pharmacognosy Research*, 7 (6), 413-420.
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- 23- Mandana Ohadi, Gholamreza Dehghannoudeh, Hamid Forootanfar, Mojtaba Shakibaie, Majid Rajaei, 2018. Investigation of the structural, physicochemical properties, and aggregation behavior of lipopeptide biosurfactant produced by *Acinetobacter junii* B6 . *International Journal of Biological Macromolecules* 112: 712–719.
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