Curriculum Vitae

# *Susan Sarhadi*

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## Education

**Ph.D. in Pharmaceutics, Department of Pharmaceutical Nanotechnology**
Mashhad University of Medical Sciences (MUMS), Mashhad, Iran. 2015 - 2022
Supervisor: Prof. Mahmoud Reza Jaafari

**Pharm.D. in Pharmacy**
Zabol university of medical science, Iran. 2009 - 2014
Supervisor: Dr Mandana Moradi Dirin

## Research Interest:

- Nanoparticle formulation and characterization (liposomes, solid lipid nanoparticles (SLN), nanostructured lipid carriers (NLC), …)
- Peptide-protein delivery
- Targeted drug delivery
- Cancer chemotherapy
- Targeting Tumor cells and microenvironment
- Cancer biology and immunology

# Papers:

- M Faal Maleki, L Farhoudi,M Ebrahimi Nik, H Firouzmand, **S Sarhadi**, H Farshchi, P Rahmanian-Devin, F Gheybi, K Sadri, M Mashreghi, MR Jaafari. **A Novel Formulation of Docetaxel-Containing Micelle Surface Modified with Metronidazole to Target Tumor Hypoxia.** BioNanoScience, 2025 Apr,15(2), p.303.

- MR Chaleshtori, M Madadian, AA Sane, F Farzaneh, V Kazemi, F Montazer, **S Sarhadi**, MT Shirazi, S Mirgaloybayat. **Vaginal Royal Jelly for Vulvovaginal Candidiasis Treatment: A Randomized Clinical Trial.** Advanced Biomedical Research. 2025 Apr 1;14(1):32.

- **S Sarhadi**, SA Moosavian, M Mashreghi, N Rahiman, S Golmohamadzadeh, M Tafaghodi, K Sadri, J Chamani, MR Jaafari. **B12-functionalized PEGylated liposomes for the oral delivery of insulin: *in vitro* and *in vivo* studies.** Journal of Drug Delivery Science and Technology.2022,69

- **S Sarhadi**, M Gholizadeh, T Moghadasian, S Golmohammadzadeh. **Moisturizing effects of solid lipid nanoparticles (SLN) and nanostructured lipid carriers (NLC) using deionized and magnetized water by *in vivo* and *in vitro* methods.** Iranian Journal of Basic Medical Science.2020, 23 (3), 337-343

- **S Sarhadi**, S Ganjali, M Pirro, A Sahebkar. **The role of high- density lipoproteins in antitumor drug delivery.** IUBMB life.2019.71(10), 1442-1452

- M Rahnama, M Moradi, **S Sarhadi. KNOWLEDGE, ATTITUDE, AND PRACTICE OF PHARMACISTS AND NURSES TOWARDS ADVERSE DRUG REACTIONS CROSS SECTIONAL STUDY.** Journal of Evolution of Medical and Dental Sciences-Jemds. 2019. 8 (22), 1804-1807