

Curriculum Vita

Dr. Shohreh Alipour

Academic Position: March 2011-Present. Associate Professor, School of pharmacy, Shiraz University of Medical Sciences, Shiraz, Iran,

Email: Alipour_sh@sums.ac.ir

Educational records:

1997-2004 Pharm D, School of pharmacy, Shiraz University of Medical Sciences, Shiraz, Iran.

2004-2010 Ph.D of Pharmaceutics, School of pharmacy, Mashhad University of Medical Sciences, Mashhad, Iran.

Pharm D thesis: Formulation of a three layer tablet for treatment of *Helicobacter pylori*

Ph.D thesis: Formulation, Characterization, *In-vitro* and *In-vivo* Evaluation of Paclitaxel Loaded Microparticles for Pulmonary delivery

Patent:

- **Iran National Patent: 139350140003004067**
- Formulation of oral powder supplements for reducing insulin resistance

Laboratory and Technical skills:

1. Polymeric drug delivery systems, micro and nanoparticles, proliposomes, liposomes.
2. Powder, Tablets, Thin film, semisolids formulation and controls
3. Natural product formulation
4. Pharmacokinetic including plasma/serum assay.
5. Rat Jugular vein cannulation, rat tail vein sampling
6. Rat pulmonary and nasal delivery administration
7. Cell Culture technique, cell-based assays such as MTT, WST-1 tests.
8. Physiochemical and instrumental analysis including HPLC, TLC, UV-Visible spectroscopy, New generation impactor, Particle size analyzer, zeta sizer, Texture analyzer, FT-IR, DSC, XRD, EDX, BET, etc.

Other activities:

- Collaborator, 8th Iranian Congress of Pharmaceutical Sciences, 2002, Iran.
- Collaborator, 1st University open week, 2002, Iran.
- Executive group, 2nd Seminar of Research Day, 2001, Shiraz, Iran.
- Referee of 10th Iranian Pharmaceutical Students Seminar, November 2005, Iran.
- Referee of 5th Iranian Controlled Release Conference, October 2011, Iran.
- Referee of 19th Iranian Pharmaceutical Students Seminar, October 2015, Iran.
- Referee of 14th Iranian Congress of Toxicology, October 2017, Iran.

Publications:

- 1- **Alipour, S.**, Mohagheghzadeh A.A, Treatments for Peptic ulcers related to *Helicobacter pylori*, *Razi Magazine*, 2004, August: 33-37.
- 2- Jahadi Hosseini, H.R. Montaseri, H., Khalili, M.R., **Alipour, S.**, Aqueous concentration of tranexamic acid after 5% and 10% eye drop administration, *Eur J Ophthalmol*, 2009; 19(4): 661 – 666.
- 3- **Alipour S.**, Montaseri H., Tafaghodi M., Preparation and characterization of biodegradable paclitaxel loaded alginate microparticles for pulmonary delivery, *Colloids and surface: B*, 2010, 81(2), 521-529.
- 4- **Alipour, S.**, Akbari, S., Ahmadi, F., Development and in vitro evaluation of fast dissolving oral films of ondansetron hydrochloride, *Trends in Pharmaceutical Science*, 2015, 1(1): 25-30.
- 5- **Alipour S.**, Montaseri H., Tafaghodi M., Inhalable, large porous PLGA microparticles loaded with paclitaxel: preparation, in vitro and in vivo characterization, *Microencapsulation Journal*, 2015, 32 (7), pp. 661-668.
- 6- Akbarzadeh, M., Eftekhari, M.H., Shafa, M., **Alipour, S.**, Hasanzadeh, J., Effects of a new metabolic conditioning supplement on peri-operative metabolic stress and clinical outcomes: A randomized, placebo-controlled trial, *Iranian Red Crescent Journal*, 2016, 18(1).
- 7- **Alipour S.**, Tafaghodi M., Montaseri H., Non-invasive endotracheal delivery of paclitaxel loaded alginate microparticles, *Journal of Chemotherapy*, 2016, 28 (5), pp. 411-416.
- 8- Namavar Jahromi, B., Sadeghi, S., **Alipour, S.**, Parsanezhad, M.E., Moradi Alamdarloo, Sh., Effect of Melatonin on the Outcome of Assisted Reproductive Technique Cycles in Women with Diminished Ovarian Reserve: A Double-Blinded Randomized Clinical Trial, *Iranian Journal of Medical Sciences*, 2017, 42(1), 73-78.
- 9- Parhizkar, E., Emadi, L., **Alipour, S.***, Development and evaluation of midazolam in situ nasal gel properties in presence of solubility enhancers at cilia-friendly pH, *Macromolecular Research*, 2017, 25(3), 255-61.
- 10- Parhizkar, E., Emadi, L., **Alipour, S.***, Midazolam Solubility enhancement pre-formulation techniques at nasal physiologic, *International Journal of pharmaceutical science research*, 2017, 8(5), 2315-22.
- 11- **Alipour, S.**, Parhizkar, E., Farrahi, H., Ahmadi, F., Formulation and in vitro evaluation of taste-masked fast disintegrating tablets of prednisolone, *Latin American Journal of Pharmacy*, 2017, 36 (5), 980.
- 12- Ahmadi, F., Rezaee, S., **Alipour, S.**, Formulation and evaluation of an Aloe vera-Licorice combination topical gel: a potential choice for wound healing, *Trends in Pharmaceutical Sciences*, 2017, 3 (2), 105-112.
- 13- Vakilinezhad, M., **Alipour, S.**, Montaseri, H., Development, evaluation and optimization of superparamagnetite nanoparticles preparation by co-precipitation method, *Research in pharmaceutical sciences*, 2017, 12(4), 274-282.
- 14- **Alipour, S.**, Mohammadi, A., Ahmadi, F., Captopril fast disintegrating tablets for children: formulation and quality control by HPLC, *Trends in Pharmaceutical Sciences*, 2017, 3 (3), 161-168.
- 15- Afrooz, H., Ahmadi, F., Fallahzadeh, F., Mousavi-Fard, SH., **Alipour, S.***, Design and characterization of paclitaxel-verapamil co-encapsulated PLGA nanoparticles: Potential system for overcoming P-glycoprotein mediated MDR, *Journal of Drug Delivery Science and Technology*, 2017, 41, 174-181.

- 16- **Alipour, S.**, Dehshahri, S., Afsari, A., Preparation and Evaluation of a Herbal Mouthwash Containing Oak Husk of *Quercus brantii* and *Zataria multiflora*, *Jundishapur Journal of Natural Pharmaceutical Products*, 2018, 13 (3).
- 17- Vakilinezhad, M., **Alipour, S.**, Montaseri, H., Fabrication and in vitro evaluation of magnetic PLGA nanoparticles as a Methotrexate delivery system, *Journal of Drug Delivery Science and Technology*, 2018, 44, 467-474.
- 18- Parhizkar, E., Rashedinia, M., Karimi, M., **Alipour, S.***, Design and development of vitamin C-encapsulated proliposome with improved *in-vitro* and *ex-vivo* antioxidant efficacy, *Journal of microencapsulation*, 2018, 35 (3), 301-311.
- 19- Hamishehkar, H., Pourtahmaseb, M., Babazadeh, A., **Alipour, S.***, Physicochemical and Aerosolization Assessment of Inhalable Spray Dried Fluconazole Powder: Inhalable fluconazole powder, *Pharmaceutical sciences*, 2018, 24(3), 219-226.
- 20- Keshavarzi, Z., Janghorban, R., **Alipour, S.**, Tahmasebi, S., Jokar, A., The effect of vitamin D and E vaginal suppositories on tamoxifen-induced vaginal atrophy in women with breast cancer, *Supportive Care in Cancer*, 2019, 27(4), 1325-1334.
- 21- Jahromi, N., B., Rahmani, E., Zarei, A., **Alipour, S.**, keramati, P., Zolghadri, J, Effect of low-dose aspirin on the development of ovarian hyperstimulation syndrome and outcomes of assisted reproductive techniques in the women with PCOS, a randomized double-blinded clinical trial, *Taiwanese Journal of Obstetrics and Gynecology*, 2019, 58(2), 255-260.
- 22- Hosseini, M.M., **Alipour, S.**, Ashraf; M.A., Omidbakhsh, K., Effect of Potassium Citrate on Prevention of Recurrence and Expulsion of Residual Fragments of Calcium Oxalate renal Stones, *Trends in Pharmaceutical Sciences*, 2019, 5 (4), 191-193.
- 23- **Alipour, S.***, Asef, M., Ahmadi, F., Simple and rapid HPLC method for simultaneous quantification of levodopa and carbidopa in a fast disintegrating tablet formulation, *International Journal of Applied Pharmaceutics*, 2019, 11 (3), 200-205.
- 24- Ahmadi, F., Bahmyari, M., Akbarizadeh, A., **S Alipour, S.***, Doxorubicin-verapamil dual loaded PLGA nanoparticles for overcoming P-glycoprotein mediated resistance in cancer: Effect of verapamil concentration, *Journal of Drug Delivery Science and Technology*, 2019, 53.
- 25- Vakilinezhad, MA., Amini, A., Dara, T., **Alipour, S.***, Methotrexate and Curcumin co-encapsulated PLGA nanoparticles as a potential breast cancer therapeutic system: In vitro and in vivo evaluation, *Colloids and Surfaces B: Biointerfaces*, 2019, 184.
- 26- Eftekhari, MH., Zahedani, MR., **Alipour, S.**, Hassanzadeh, J., , Methyl Donors Supplementation improves body composition and appetite regulatory hormones in overweight and obese adults, *Journal of Gastroenterology and Hepatology*, 2019, 34, 830-830.
- 27- Khalili, A., **Alipour, S.**, Fathalipour, M., Purkhosrow, A., Mashghoolozekr, E., Bayat, G., Nekooeian, A.A., Liposomal and Non-Liposomal Formulations of Vitamin C: Comparison of the Antihypertensive and Vascular Modifying Activity in Renovascular Hypertensive Rats, *Iranian Journal of Medical Sciences*, 2020, 45(1), 41-49.
- 28- **Alipour, S.***, Moazami, V., Ahmadi, F., Physicochemical stability and *in-vitro* efficacy of *Aloe vera* and clobetasol mouthwash, *Journal of Mazandaran University of Medical Sciences*, 2020, 30 (185), 143-148.
- 29- **Alipour, S.***, Shirooe, A., Ahmadi, F., Porogen effects on aerosolization properties of fluconazole loaded plga large porous particles, *International Journal of Applied Pharmaceutics*, 2020, 12(4), 258-263.

- 30- Saki, N., Ahramiyanpour, N., Heiran, A., **Alipour, S.**, Parvizi, M.M., Efficacy of topical dimethyl sulfoxide (DMSO) 50% solution vs tretinoin 0.5% cream in treatment of patients with primary macular amyloidosis: A split-side single-blinded randomized clinical trial, *Dermatologic therapy*, 2020, 33 (3), e 13305.
- 31- **Alipour, S.**, Azari, H., Ahmadi, F., In situ thermosensitive gel of levodopa: Potential formulation for nose to brain delivery in Parkinson disease, *Trends in Pharmaceutical Sciences*, 2020, 6 (2), 97-104.
- 32- Mohammadsadeghi, A., Farjadian, F., **Alipour, S.***, Sustained release of linezolid in ocular insert based on lipophilic modified structure of sodium alginate, *Iranian Journal of Basic Medical Sciences*, 2021, 24 (3), 331-340.
- 33- Parhizkar, E., Mohammadi, Z., **Alipour, S.***, Rapid and low UV wavelength High Performance Liquid Chromatography for levodopa: application to pharmacokinetics study of in rat following intranasal delivery, *Journal of chromatographic sciences*, 2021, 59 (4), 347-354.
- 34- Parhizkar, E., Movaffagh, S., **Alipour, S.***, Pharmacokinetics and bioavailability of midazolam in rats following single dose administration of intravenous solution, intranasal dispersion, and in situ nasal gel, *Journal of Applied Pharmaceutical Science*, 2021, 11 (11), 070-075.
- 35- Poordast, T., Ghaedian, L., Ghaedian, L., Najib, F., **Alipour, S.**, Hosseinzadeh, M., Molavi Vardanjani, H., Salehi, A., Hosseinimehr, S.J., Aloe Vera; A new treatment for atrophic vaginitis, A randomized double-blinded controlled trial, *Journal of Ethnopharmacology*, 2021, 270, 113760.
- 36- **Alipour, S.**, Kalari, S., Morowvat, M.H., Sabahi, Z., Dehshahri, A., Green Synthesis of Selenium Nanoparticles by Cyanobacterium *Spirulina platensis* (abdf2224): Cultivation Condition Quality Controls, *BioMed Research International*, 2021, 6635297.
- 37- Saki, N., Sheikhi Ghayur, E., Heiran, A., Gholami, M., **Alipour, S.**, Topical pentoxifylline can be an effective and safe adjunctive therapy to NBUVB therapy in treating vitiligo: A split-side clinical trial, *Experimental Dermatology*, 2021.
- 38- Kazemi, M. Ahmadi, F., Piltan, M., **Alipour, S***, Validation of a simple and rapid HPLC-UV method for simultaneous analysis of co-delivered doxorubicin and verapamil and its application to characterization of PLGA nanoparticles, *Trends in Pharmaceutical Sciences*, 2022, 8 (4).
- 39- Parhizkar, E., Sadeghinia, D., Hamishehkar, H., Yaqoubi, S., Nokhodchi, A., **Alipour, S.***, Carrier Effect in Development of Rifampin Loaded Proliposome for Pulmonary Delivery: A Quality by Design Study, *Advanced Pharmaceutical Bulletin*, 2022, 12 (2), 336.
- 40- **Alipour, S.**, Negahban, N., Ahmadi, F., Parhizkar, E., The Effects of Moist Heat Sterilization Process on Rheological Properties of Hydrophilic gels containing drug model, *Trends in Pharmaceutical Sciences*, 2022, 8 (3), 175-182.
- 41- Mohammadi-Samani, S., Masoumzadeh, P., Ghasemiyeh, P., **Alipour, S.*** Oxybutynin-Nanoemulgel Formulation as a Successful Skin Permeation Strategy: In-vitro and ex-vivo Evaluation, *Frontiers in Materials*, 2022, 9, 848629.
- 42- Saki, N., Sheikhi Ghayur, E., Heiran, A., Gholami, M., Alipour, S., Topical pentoxifylline can be an effective and safe adjunctive therapy in treating vitiligo: A split-side clinical trial, *Experimental Dermatology*, 2022, 31(2), pp. 255-256.

- 43- Ranjbar Zahedani, M., Eftekhari, M.H., Nouri, M., Hassanzadeh, J., **Alipour, S.**, Fardaei, M., The effect of methyl donor supplementation on body composition, homocysteine, lipid profile and appetite regulatory hormones in overweight and obese adults: a randomized placebo-controlled trial, *Nutrition and Food Science*, 2022.
- 44- Fazelzadeh Haghighi, N., Dastgheib, L., Saki, N., **Alipour, S.**, Ranjbar, S., Montelukast as an effective adjuvant in the treatment of moderate acne vulgaris, *Dermatologic Therapy*, 2022, 35(10),e15770
- 45- **Alipour, S.***, Chahabdar Shirazi, H., Kazemi, M., Dehshahri, A., Ahmadi, F., Synthesis and cytotoxicity evaluation of doxorubicin-polyethyleneimine conjugate as a potential carrier for dual delivery of drug and gene, 2022, *Journal of Drug Delivery Science and Technology*, 68,102994.
- 46- Mahboobi, S., Ghasvarian, M., Ghaem, H., Alipour, H., **Alipour, S.**, Eftekhari, M.H., Effects of probiotic and magnesium co-supplementation on mood, cognition, intestinal barrier function and inflammation in individuals with obesity and depressed mood: A randomized, double-blind placebo-controlled clinical trial, 2022, *Frontiers in Nutrition*, 9,1018357.
- 47- **Alipour, S. ***, Mahmoudi, L., Ahmadi, F., Pulmonary drug delivery: an effective and convenient delivery route to combat COVID-19, *Drug Delivery and Translational Research*, 2023, 13(3), 705-715.
- 48- Saki, N., Shakouri, N., Rastaghi, F. ,Hosseini, SA., **Alipour, S.**, Ahramiyanpour, N. Oxybutynin gel versus nanoemulgel for treating primary palmar hyperhidrosis: A pilot double-blind randomized controlled trial, *Journal of Cosmetic Dermatology*, 2023.
- 49- Ranjbar Zahedani, M., Eftekhari, MH., Nouri, M., **Alipour, S.**, Hassanzadeh, J., The effect of methyl donor supplementation on body composition, homocysteine, lipid profile and appetite regulatory hormones in overweight and obese adults: a randomized placebo-controlled trial, *Nutrition & Food Science* 2023, 53 (2), 445-458.
- 50- Farahmand, M., **Alipour,S. ***, Nokhodchi, A., Physical and mechanical properties of ocular thin films:a systematic review and meta-analysis, *Drug Discovery Today*, 29(5), 103964.
- 51- Sadeghi, M.M., **Alipour, S. ***, Morowvat, M.H, Dehshahri, A., Green biosynthesized selenium nanoparticles using whole cell and cell lysate of *Spirulina platensis*: In vitro characterizations and wound healing studies, *BioNanoScience (Revised)*
- 52- Shakuri, poshteh Sh., **Alipour, S. ***, Varamini, P., Curcumin and nanotechnology: Enhancing Anti-Metastatic Activity for Breast Cancer Bone Metastasis Treatment, *DiscoverNano*, (Revised)
- 53- **Alipour, S. ***, **Rashidi, M.**, Morowvat, M.H, Dehshahri Bioinformatic analysis of *Monoraphidium* sp. microalga and quality control aspects for green synthesis of selenium nanoparticles, *Scientific Reports (Under review)*

Thesis supervised:

- 1- Molood, Vakilinejad, Preparation and characterization of methotrexate-loaded PLGA super-paramagnetic microparticles as local drug delivery system, 2009, **Supervisor**.
- 2- Gorjizadeh, Meisam, Evaluation of transamin eye drop permeation in separated bovine cornea in presence of permeability effective compounds, 2011, **Supervisor**.
- 3- Akbari, sahar, Development and in vitro evaluation of fast dissolving oral films of ondansetron hydrochloride, 2013, **Supervisor**.
- 4- Evaluation of the Effect of Local Formulation of Platelet Extract (PRP) on the Treatment of Linear Incision and Excision in Surgical Rats, 2013, **Advisor**.
- 5- Asef, Mahsa, Formulation, optimization and evaluation of levodopa-c fast disintegrating tablets, 2014, **Supervisor**.
- 6- Farahi,Haleh, Formulation, optimization and evaluation prednisolone fast disintegrating tablets, 2014, **Supervisor**.
- 7- Mohammadi, Asieh Formulation, optimization and evaluation Captopril fast disintegrating tablets, 2014, **Supervisor**.
- 8- Moazami, Vahid, Formulation and evaluation of mouthwash containing clobetasol and aloe for treatment of lichen planus oral lesion, 2014, **Supervisor**.
- 9- Rezaee Sarda, Formulation and evaluation of Licorice and Aloe gel for wounds healing, 2014, **Supervisor**.
- 10- Mansurian Sheida, Formulation and evaluation of alginate microparticles containing rifampin for pulmonary delivery, 2014, **Supervisor**.
- 11- Bagheri sorur, Formulation and evaluation of chitosan microparticles containing rifampin for pulmonary delivery, 2014, **Supervisor**.
- 12- Shiruee, Atena Formulation and evaluation of PLGA porous particle containing Fluconazole for pulmonary delivery, 2014, **Supervisor**.
- 13- Saatchi, sara, Investigation of Interleukin-12 Gene Expression by Galactosilic Anti-Cell Antibodies, 2014, **Supervisor**.
- 14- Kashfi Fatemehsadat, Formulation and evaluation of PLGA porous particle containing rifampin for pulmonary delivery, 2015, **Supervisor**.
- 15- Afrooz,H., Formulation and characterization of PLGA nanoparticles as a Delivery System for co-administration of paclitaxel and verapamil into cancer cells, 2015, **Supervisor**.
- 16- Piltan, M., Formulation and characterization of PLGA nanoparticles as a Delivery System for co-administration of doxorubicin and verapamil into cancer cells, 2015, **Supervisor**.
- 17- Avazzadeh, Sepehr, Evaluation of pharmacokinetic parameters non-invasive endotracheal delivered rifampicin loaded PLGA microparticles. 2015, **Supervisor**.
- 18- Azari, Maryam, Formulation and evaluation of thermo sensitive poloxamer gel containing levodopa for nasal delivery. 2015, **Supervisor**.
- 19- Akbarzadeh, Marzieh, Comparison of the effect of a combination of glutamine, carnitine, selenium, vitamin C and E supplements before and after coronary artery bypass graft surgery on insulin resistance indexes, lipid peroxidation and surgical outcomes, 2015, **Ph.D thesis, Advisor**.
- 20- Falahzadeh, Farazneh., Formulation and characterization and in vitro cell cytotoxicity of PLGA nanoparticles as a Delivery System for co-administration of paclitaxel and verapamil into cancer cells, 2016, **Supervisor**.

- 21- Bahmyahi, M., Formulation and characterization and in vitro cell cytotoxicity of PLGA nanoparticles as a Delivery System for co-administration of Doxorubicin and verapamil into cancer cells, 2016, **Supervisor**.
- 22- Gheisarani, Froughsadat, Preparation and evaluation of granules containing amoxicillin, metronidazole and pantoprazole with flotation and controlled release in the stomach, 2016, **Supervisor**.
- 23- Karimi Maryam, Preparation and Characterization of Proliposomes Containing Vitamin C for oral administration. 2016, **Supervisor**.
- 24- Emadi Leila, Solubility enhancement techniques, formulation and evaluation of mucoadhesive midazolam gel for nasal delivery. 2016, **Supervisor**.
- 25- Afsari, Afshin, Preparation & Evaluation of a formulation of herbal mouthwash Containing oak husk of *Quercus brantii* & *Zataria multiflora*, 2016, **Supervisor**.
- 26- Poortahmaseb, Maryam, Formulation and characterization of fluconazole spray dried microparticles for pulmonary delivery, 2017, **Supervisor**.
- 27- Musavi, Mahboobeh, Formulation and evaluation of linezolid ocular insert, 2017, **Supervisor**.
- 28- Fatemeh, Hashemkhani, formulation and evaluation of thermosensitive containing hydrogels containing doxepin in presence of alginate, konjac, CMC and HPMC polymers, 2017, **Supervisor**.
- 29- Delaram, sadeghinia, Formulation and evaluation of rifampin loaded proliposomes for pulmonary delivery, 2017, **Supervisor**.
- 30- Saba, movafagh, Plasma profile evaluation of midazolam poloxamer thermosensitive nasal gel, 2018, **Supervisor**.
- 31- Zahra, Motamed, In vitro evaluation of RGD-functionalized chitosan for fibroblast adhesion, and proliferation and migration in wound healing, 2018, **Supervisor**
- 32- Zahra, valijani, Formulation and rheological evaluation of pentoxyphilline topical gel, 2018, **Supervisor**.
- 33- Zahra, Mohammadi, Pharmacokinetic evaluation of levodopa intranasal thermo-sensitive gel, 2018, **Supervisor**.
- 34- Ashkan Mohammad Sadeghi, Synthesis and evaluation of hydrophobic butyl and lauryl acrylate grafted alginate hydrogel as linezolid carrier in ocular insert, 2018, **Supervisor**.
- 35- Pedram, Masumzadeh, preparation, evaluation and skin permeation of topical gel containing oxybutynin nanoemulsion, 2019, **Supervisor**
- 36- Sara, Kalari, Evaluation of physicochemical properties of the green synthesized selenium nanoparticles by *Spirulina platensis*, 2019, **Supervisor**
- 37- Pardis, Moeini, Ochratoxin A determination in dark chocolate and cocoa in commercial brand using HPLC 2020, **Advisor**
- 38- Zahra, Hassan zadeh, Ochratoxin A determination in green and roasted coffee in commercial brand using HPLC 2020, **Advisor**
- 39- Hadis, chahabdar, synthesis and evaluation of PEI-Doxorubicin conjugates to overcome multi drug resistance, 2020, **Advisor**
- 40- Negar Negahban, Control and evaluation of sterilization condition on rheological properties of Atorvastatin topical gel, 2021, **Supervisor**
- 41- Ehsan, Meidan miri, Design and evaluation of freeze-dried porous lactose as Rosuvastatin carrier for solubility enhancement, 2021, **Supervisor**
- 42- Inaz, Abasgholi zadeh, Design and evaluation of freeze-dried porous lactose as Zaleplon carrier for solubility enhancement, 2021, **Supervisor**
- 43- Maryam, Rashidi, quality control of culture media effect on green synthesized selenium nanoparticles produced by *monoraphidium sp.*, 2022, **Supervisor**
- 44- Atefeh, Rahimi, Design and evaluation a semisolid anti spot product using a hydro alcoholic extract of boa leaf based on traditional pharmaceutical document of Iran, 2022, **Supervisor**

- 45- Ala, Mohagheghzadeh, preparation and evaluation of a traditional anti-inflammatory formulation of turmeric and egg. 2022, **Supervisor**
- 46- Hadi, Sajedi, Preparation and evaluation of fig lozenge for treatment of constipation, 2022, **Supervisor**
- 47- Omidvar, Zahra, Evaluation of sterilization conditions on the pharmaceutical properties of atorvastatin topical gel for wound healing, 2022, **Supervisor**
- 48- Rashidi, Maryam, Evaluation and quality control of culture medium conditions on selenium nanoparticles prepared by green synthesis method using *Monoraphidium* algae, 2022, **Supervisor**
- 49- Eghtedari, Dorsa, Quantitative colorimetric method for gentamicin, 2022, **Supervisor**
- 50- Gasvarian, Marzyeh, The effect of co-supplementation of probiotic and magnesium on stress levels, metabolic indices, body composition and quality of life in obese subjects with metabolic mood syndrome, 2022, **Advisor**
- 51- Negahban, Negar, Control and evaluation of sterilization conditions on the pharmaceutical properties of atorvastatin topical gel for wound healing, 2022, **Supervisor**
- 52- Adel, Zahra, Preparation and evaluation of metronidazole mucoadhesive film, 2022, **Advisor**
- 53- Rahimi Atefeh, Design and preparation of skin lightening semisolid product from hydroalcoholic extract of *Laurus nobilis* leaf based on Iranian traditional pharmaceutical documentation, 2022, **Supervisor**
- 54- Omidvar, Zahra, Preparation and characterization of sterile rosuvastatin emulgel for wound healing, 2022, **Advisor**
- 55- Mirfardi, Asma, Preparation and optimization of the herbal formulation of skin wound healing dressing containing fenugreek seed hydroalcoholic extract, 2023, **Supervisor**
- 56- Asadi, Mahsa, Optimizing the extraction method and analysis of sunset yellow food color in pastilles and cereal products available in market by spectrophotometric method, 2023, **Supervisor**
- 57- Rajabi, Yasaman, Evaluation of freeze-drying conditions and the presence of cryoprotectant on the viability and ability of *Lactobacillus casei* to produce selenium nanoparticles, 2023, **Supervisor**
- 58- Amiri, Sogand, Preparation and evaluation of pentoxifylline pellet for colon delivery, 2023, **Supervisor**
- 59- Vahid, Gita, Preparation and evaluation of alginate-polyethyleneimine nanocarrier conjugated to levodopa for targeted gene-drug delivery, 2023, **Supervisor**
- 60- Sadeghi, M.Moein, Comparison of selenium nanoparticles synthesized by whole and lysed cells of *Spirulina platensis* and its application in an in vitro model of wound healing, 2023, **Supervisor**
- 61- Afshari, Aylar, The effect of Shilajit mouthwash on the pain, size and treatment of oral lichen ulcers, 2023, **Supervisor**
- 62- Moghimi, Zahra, Preparation and Optimization of MnO₂ chitosan-based nanocomposite for wound healing, 2024, **Supervisor**.

Abstracts:

- 1- **Alipour S.**, Hosseinyar F., Montaseri H., Cultural Evaluation of drug uses in Shiraz. Poster presentation, 7th Iranian Pharmaceutical Students Seminar, 2001, Isfahan, Iran. **(First Place)**
- 2- **Alipour S.**, Mohagheghzadeh A.A, Extraction of glycyrrhizin from licorice root. Poster presentation, 2nd seminar of Research day, 2001, Shiraz, Iran.
- 3- Mohagheghzadeh A.A, **Alipour S.**, Bezoars. Memorial congress of Hakim Ismail Jorjani, 2001, Gorgan, Iran.
- 4- **Alipour S.**, Mohagheghzadeh A.A, Montaseri H, Mohammadi S. S., Evaluation of new drug delivery design for treatment of peptic ulcers related to *Helicobacter pylori*. Poster presentation, 9th Iranian Pharmaceutical Students Seminar, 2003, Tabriz, Iran.
- 5- Afifi S, **Alipour S.**, Montaseri H, Formulation and evaluation of alginate microspheres for controlled delivery of methotrexate. Poster presentation, 13th Iranian Pharmaceutical students Seminar, 2008, Tabriz, Iran.
- 6- Ahmadi Z, **Alipour S.**, Montaseri H, Formulation and evaluation of topical cyclosporine on rate and quality of topical ulcer treatment in rabbits. Poster presentation, 13th Iranian Pharmaceutical students Seminar, 2008, Tabriz, Iran.
- 7- Afifi S., Montaseri H., **Alipour S.**, Formulation and optimization of alginate methotrexate microspheres produced by emulsification technique. Poster presentation, 14th Iranian Pharmaceutical Students Seminar, 2009, Ahvaz, Iran.
(2nd Place).
- 8-Afifi S., **Alipour S.**, Montaseri H., Fabrication and in vitro evaluation of alginate-methotrexate microspheres, 14th European congress of Biotechnology, 2009, Barcelona, Spain.
- 9-**Alipour, S.**, Montaseri H., Tafaghodi M., Inhalable highly large porous PLGA microparticles containing paclitaxel: in vitro lung deposition and cell cytotoxicity. *Poster presentation, The 5th Iranian Controlled Release Conference*, October 2011, Mashhad, Iran.
- 10- **Alipour S.**, Mohammadebrahimi S., Ahmadi F., Daneshamouz S. Taste-masked fast disintegrating tablets of prednisolone for oral delivery. *Poster presentation, 13th Iranian Congress of Pharmaceutical Sciences*, September 2012, Isfahan, Iran.
- 11-Ahmadi F., Mehrvarz S., Zargari Samadnejad A., **Alipour S***. Polymeric magnetic nanoparticles for co-administration of paclitaxel and verapamil to cancer cells. *Poster presentation, 13th Iranian Congress of Pharmaceutical Sciences*, September 2012, Isfahan, Iran
- 12-Valikinezhad, M., Montaseri, H., **Alipour, S.** , Preparation, characterization and cytotoxicity of methotrexate-loaded PLGA super-paramagnetic nanoparticles for theranostics, *Poster presentation, 13th Iranian Congress of Pharmaceutical Sciences*, September 2012, Isfahan, Iran
- 13- Ahmadi F., **Alipour S.**, Zargari A., Mehrvarz S. Polymeric magnetic nanoparticles for co-administration of paclitaxel and verapamil to cancer cells. Oral presentation, *2nd Annual Symposium of Drug Delivery Systems*, November 2012, Nanjing, China
- 14- Behnam rad, S., Khodami, Z., **Alipour, S. ***, Biodegradable nanoparticles in chemotherapy. Poster presentation, *19th Iranian Pharmaceutical Students Seminar*, October, 2015, Shiraz, Iran.
- 15-Bagheri, S., sobhani, Z., **Alipour, S. ***, Rifampicin loaded chitosan microparticles for pulmonary delivery. Poster presentation, *19th Iranian Pharmaceutical Students Seminar*, October, 2015, Shiraz, Iran.

- 16-Alizadeh, A., Eskandari, M., Farjadian, M., **Alipour, S.***, Rifampin loaded hydrophobic alginate beads, Poster presentation , *20th Iranian Pharmaceutical Students Seminar*, April, 2017, Ahvaz, Iran
- 17-Musavi, M., Parhizkar, E., **Alipour, S*.**, Formulation and in vitro evaluation of linezolid ocular insert, *21th Iranian Pharmaceutical Students Seminar*, Poster presentation, March, 2018, Ahvaz, Iran. (**First Place**)
- 18-.Janghorban, R., Keshavarz, Z., **Alipour, S.**, Tahmasebi, S., Jokar, A., The effect of vitamin D and E vaginal suppositories on tamoxifen-induced vaginal atrophy, Oral presentation, *International Federation of Gynecology and Obstetrics (FIGO) XXII FIGO World Congress*, October 2018, Brazil.
- 19- **Alipour, S.**, Masumzadeh, P., Mohammadi samani, S., Enhanced transdermal permeability of oxybutynin through novel nanoemulgel formulation, *22th Iranian Pharmaceutical Students Seminar*, Poster presentation, November, 2019, Kermanshah, Iran.
- 20- Movafagh, S., Parhizgar, E., **Alipour, S.**, Pharmacokinetics and bioavailability of midazolam in rats following single dose administration of intravenous solution, intranasal dispersion and in situ nasal gel, November, 2021, IPSS 23.
- 21- Mohagheghzadeh, A., **Alipour, S.**, Mohagheghzadeh, A., “Turmerones” Being Introduced as a New Marker for Turmeric Standardization, November, 2021, IPSS 23.