

Curriculum vitae

Dr. Zahra Sahraei

Current rank: Associate Professor

Location: School of Pharmacy, Shahid Beheshti University of Medical Sciences - Loghman Hakim Hospital, Shahid Beheshti University of Medical Sciences

Pharm. D	Tehran University of Medical Sciences
Clinical Pharmacy	Shahid Beheshti University of Medical Sciences

The title of the pharm. D thesis: Investigation of drug interactions in the prescriptions of the elderly referring to the pharmacies.

The title of the thesis of clinical pharmacy: Investigating the effect of N-acetylcysteine on the biomarkers (IL18, NGAL) of transplanted kidney function.

Supervision of theses and research projects

1	A comparative study of the quality of life of patients with nasal polyposis under medical and surgical treatment
2	Drug integration (adjustment) of patients admitted to the infectious diseases department of two teaching hospitals (Hazrat Valiasr (Aj) Zanzan and Luqman Hakim Tehran)
3	Investigating the effect of using the protocol prepared to control the blood sugar of patients hospitalized in the infectious department of Luqman Hospital for better control of blood sugar markers in comparison to the old strategies used in the department
4	Investigating the process of prescribing antibiotics to prevent infections after general surgery in Luqman Hospital
5	Investigating the effect of pharmacists' counseling on the level of treatment compliance in patients with chronic hepatitis B treated with tenofovir
6	Examining the amount and manner of consumption of albumin products and the degree of compliance with international guidelines in Loqman Hakim Hospital in Tehran.
7	Examining drug compliance before and after using an educational guide in patients with rheumatological disorders
8	Standardization and investigation of the antibacterial effect of aqueous extracts of barberry fruit (<i>Berberis Vulgarisl</i>) and cinnamon tree (<i>Cinnamomum cassia</i>) on <i>Escherichia coli</i> strains isolated from patients with urinary infections.
9	Investigating the relationship between the blood level of coenzyme Q10 and injuries caused by stroke in patients referred to Luqman Hakim Hospital.
10	Examining the level of coenzyme Q10 in patients with epilepsy compared to healthy volunteers and investigating its relationship with the type of seizures and the frequency of attacks in patients referred to Luqman Hakim Hospital.
11	Investigating and comparing the effectiveness of two different doses of enoxaparin in preventing lower blood vessel thrombosis
12	Examining the pattern of prescription and consumption of antimicrobial drugs in Loqman Hakim Hospital in Tehran and its compliance with clinical guidelines and existing guidelines
13	Investigating the relationship between drug adherence and disease activity index (DAS-28-ESR) in rheumatoid arthritis patients

14	Investigating the effect of vitamin E consumption on kidney toxicity of the drug colistin in the treatment of gram-negative resistant infections
15	Investigating the effects of oral consumption of a product based on traditional medicine "compound honey" compared to placebo on the prevention and treatment of pneumonia caused by mechanical ventilation: a double-blind randomized clinical trial study
16	A study of medicinal hearing toxicity in patients referred to the audiometry unit of Loqman Hakim Hospital in Tehran
17	Investigation and comparison of the pattern of antibiotic consumption prescribed in the emergency department of Luqman and Rasool Akram Hospital (PBUH)
18	Evaluation of CSF concentration and serum pharmacokinetics of high dose vancomycin after continuous infusion and intermittent infusion in patients with neurocervical meningitis.
19	Comparative investigation of nephrotoxicity of drug regimens with high dose and common dose of colistin
20	Investigating the trend of changes in the biomarker of function of the transplanted kidney (NGAL) with the use of N-acetylcysteine in patients who received a transplant from a brain-dead donor.
21	Studying the effect of vitamin D administration on the improvement of clinical outcomes of biological prognostic indicators in pneumonia caused by mechanical ventilation in patients with vitamin D deficiency
22	Investigating the effect of N-acetylcysteine on inflammatory biomarkers and disease activity index (DAS28-ESR) of rheumatoid arthritis
23	Investigating the effect of meropenem dose optimization on its pharmacokinetics and clinical improvement in patients with ventilator-induced pneumonia and high risk of increased renal function
24	Comparing the effectiveness of two regimens of methylprednisolone administration in patients with acute respiratory distress syndrome caused by the 2019 coronavirus
25	Examining the frequency of compliance of antibiotic prescription for pneumonia with ATS (American Thoracic Society) guidelines in Luqman Hospital in 1400
26	Comparison of the clinical outcome of gradual discontinuation of naloxone based on the two methods of half-life of naloxone and half-life of methadone in the population of non-addicted patients poisoned with methadone in Loqman Hakim Hospital, Tehran - year 1401
27	Investigating the effect of oral administration of CoQ10 tablets along with the standard protocol in poisoned with rice tablets (aluminum phosphide)
28	Investigating the effect of St. John's wort extract (Silimarin) on fatty liver disease in bariatric surgery candidate patients at Luqman Hakim Hospital.
29	Investigating the effect of adding furosemide as a preventive and reducing the severity of cerebral edema after extensive and lacunar ischemic strokes: a randomized clinical case study
30	Investigation of vancomycin pharmacokinetics following administration with two different regimens in patients with increased renal function

Congress

Congress	Title
11 th Iranian pharmaceutical sciences congress 2008	Drug interaction in elderly patients

12 th Iranian Pharmaceutical Sciences 2010	Evaluation of Ciprofloxacin utilization at a teaching hospital (DUE)
39th European Symposium on Clinical Pharmacy (ESCP) 2010	Evaluation of Stat Orders in a Teaching Hospital (Medication Errors)
Rational use of antibiotics 2012	Evaluation of Tehran high school students' knowledge of antibiotics (knowledge of antibiotics)
13th Iranian Pharmaceutical Sciences Congress	Study of efficacy of erythropoietin (epolyrec®) on hematologic parameters in patients with chemotherapy induced anemia and its comparison with erythropoietin (eprex®).
19 th Iranian Pharmaceutical Sciences Congress	
19 th Iranian Pharmaceutical Sciences Congress	Assessment of Clinical Pharmacists Role in an Infectious Ward
19th Iranian Pharmaceutical Sciences Congress	DVT prophylaxis evaluation in ICU
4th Iranian Clinical Pharmacy Congress	Evaluation of Vancomycin use after pharmacist intervention in ICU
6th Iranian Clinical Pharmacy Congress	MRI contrast media
7th Iranian Clinical Pharmacy Congress	Evaluation of major drug interactions in infectious ward (Drug
8th Iranian Clinical Pharmacy Congress	Polypharmacy induced long QT syndrome and torsades de points
12th Iranian Pharmaceutical Sciences Congress (IPSC 2010)	Evaluation of ciprofloxacin utilization at a teaching hospital
National congress on rational prescribing of antibiotics	Examining pharmacists' awareness of the rational prescription of antibiotics
Association of Clinical Pharmacy Professionals	Evaluation of state orders in a teaching hospital
Association of Clinical Pharmacy Professionals	Pharmacist, family medicine, pharmaceutical care (fourth clinical pharmacy conference)
Association of Clinical Pharmacy Professionals	Evaluation of major drug interaction in infectious ward
The 19th conference of pharmacy students across the country	DVT prophylaxis evaluation in intensive care unit
Association of Clinical Pharmacy Professionals	Polypharmac-induced long-QT syndrome and torsades de pointes: A case report
11th Iranian pharmaceutical sciences conference	Investigation of drug interactions in different prescriptions of elderly patients
The 19th conference of pharmacy students across the country	Evaluation of Vancomycin after pharmacist intervention in intensive care unit
4th Clinical Pharmacy Conference	Contrast material and MRI
12th Iranian pharmaceutical sciences conference	Evaluation of ciprofloxacin utilization at teaching hospital

9th Clinical Pharmacy Conference	Evaluation of the appropriateness of albumin usage in a teaching hospital in Iran: The impact of clinical pharmacist intervention
9th Clinical Pharmacy Conference	Tenofovir for the treatment of hepatitis B: Can clinical pharmacists improve the patient's adherence to their medication?
The second international congress of modern pharmaceuticals	Cobb Syndrome (Spinal Cord Arteriovenous Malformation): A Systematic Review from Pathogenesis to Treatment, from Bench to Bed
The 22 th conference of pharmacy students across the country	Cobb Syndrome (Spinal Cord Arteriovenous Malformation): A Systematic Review from Pathogenesis to Treatment, from Bench to Bed

Books

Comprehensive textbook of therapeutics
Drug treatment of nervous and mental diseases
Microbial resistance and antibiotic treatment
Use of antibiotics at the bedside

Articles

1	Vancomycin-clindamycin combination therapy for the treatment of gram-positive infections, in-vitro antagonism vs. clinical benefits Z Sahraei, S MeskiniMood, S Barati The American Journal of the Medical Sciences	2022
2	Sputnik-V vaccine-induced panniculitis as a local reactions Z Sahraei, B Abtahi-Naeini, A Saffaei Clinical Case Reports 10 (6), e05923	2022
3	<u>Investigation of pharmacokinetic and clinical outcomes of various meropenem regimens in patients with ventilator-associated pneumonia and augmented renal clearance</u> S Razzazzadeh, IA Darazam, M Hajiesmaeili, J Salamzadeh, A Mahboubi, ... European Journal of Clinical Pharmacology 78 (5), 823-829	2022
4	<u>Efficacy and Safety of Two Different Enoxaparin Doses for Thromboprophylaxis in Non-Critically Ill Patients: A Randomized Controlled Trial</u> I Alavi-Darazam, K Forouhar, O Moradi, A Saffaei, S Asadi, Z Sahraei Iranian Journal of Pharmaceutical Research 21 (1)	2022
5	<u>Evaluation of the prophylactic effect of hydroxychloroquine on people in close-contact with patients with COVID-19</u> M Shabani, M Totonchi, O Rezaeimirghaed, L Gachkar, M Hajiesmaeili, ... Pulmonary Pharmacology & Therapeutics 70, 102069	2021
6	<u>Evaluating the elimination status of medications used for COVID-19 during hemoperfusion and therapeutic plasma exchange: A review</u> S Shokouhi, S Barati, N Kazeminia, F Jamali, B Roshan, Z Sahraei International Immunopharmacology 97, 107707	2021

7	<u>The effects of vitamin E on colistin-induced nephrotoxicity in treatment of drug-resistant gram-negative bacterial infections: A randomized clinical trial</u> M Samsami, M Shabani, M Hajiesmaeili, M Tavakoli-Ardakani, ... Journal of Infection and Chemotherapy 27 (8), 1181-1185	2021
8	<u>Evaluation of the Appropriateness of Albumin Usage in a Teaching Hospital in Iran: The Impact of Clinical Pharmacist Intervention</u> M Noori, J Salamzadeh, M Hajiesmaeili, O Rezaeimirghaed, O Moradi, ... Shiraz E-Medical Journal 22 (4)	2021
9	<u>Study of the Effects of N-acetylcysteine on Inflammatory Biomarkers and Disease Activity Score in Patients with Rheumatoid Arthritis</u> F Jamali, A Ahmadzadeh, Z Sahraei, J Salamzadeh Iranian Journal of Allergy, Asthma and Immunology 20 (5), 574	2021
10	<u>Voriconazole Film-Coated Tablets: To Split Them or Not?</u> Z Sahraei, S Barati Journal of Pharmaceutical Care, 148-149	2020
11	<u>Coenzyme Q10 supplementation in acute ischemic stroke: Is it beneficial in short-term administration?</u> M Ramezani, Z Sahraei, L Simani, K Heydari, F Shahidi Nutritional Neuroscience 23 (8), 640-645	2020
12	<u>Comment on: "Pulmonary Tuberculosis Seasonality Survey in Fars Province, South of Iran"</u> Z Sahraei, E Niknami, A Saffaei Shiraz E-Medical Journal 21 (4)	2020
13	<u>Patients' Adherence to Tenofovir for the Treatment of Hepatitis B: The Role of Clinical Pharmacists</u> M Abbasinazari, N Bayati, A Sharifian, G Afzal, A Safaei, Z Sahraei Iranian Journal of Pharmaceutical Sciences 16 (2), 35-44	2020
14	<u>Aminoquinolines against coronavirus disease 2019 (COVID-19): chloroquine or hydroxychloroquine</u> Z Sahraei, M Shabani, S Shokouhi, A Saffaei Int J Antimicrob Agents 55 (4), 105945	2020
15	<u>Tocilizumab Administration in Patients with SARS-CoV-2 Infection: Subcutaneous Injection versus Intravenous Infusion</u> M Shabani, S Shokouhi, O Moradi, A Saffaei, Z Sahraei Journal of medical virology	2020
16	<u>Early Graft Function in Deceased Donor Renal Recipients: Role of N-Acetylcysteine</u> A Modarresi, M Nafar, Z Sahraei, J Salamzadeh, S Ziaie Iranian Journal of Pharmaceutical Research: IJPR 19 (1), 57	2020
17	<u>Jellyfish Stings Rarely Induced Infectious Cellulitis: First Aid Remedies as Double-Edged Sword</u> M Shabani, A Saffaei, M Asghari, Z Sahraei Advanced Journal of Emergency Medicine 4 (2)	2020
18	<u>Blood glucose control and opportunities for clinical pharmacists in infectious diseases ward</u> M Shabani, M Rashedi, S Razzazzadeh, A Saffaei, Z Sahraei Journal of Research in Pharmacy Practice 8 (4), 202	2019
19	<u>Comment on: 'Value of procalcitonin levels as a predictive biomarker for sepsis in pediatric patients with burn injuries'</u> Z Sahraei, B Abtahi-Naeini, A Saffaei	2019

	Nigerian Journal of Clinical Practice 22 (10), 1462-1462	
20	<u>A New Approach to Improve Tracking Performance of Moving Objects with Partial Occlusion.</u> Z Sahraei, AM Eftekhari Moghadam Journal of Computer & Robotics 12 (1), 93-101	2019
21	<u>Cutaneous Necrosis after the Injection of Sodium Stibogluconate for the Treatment of Cutaneous Leishmaniasis: A Rare Case Report</u> B Abtahi-naeini, A Hakamifard, Z Sahraei, M Hadian, A Saffaei Journal of Isfahan Medical School 37 (524), 435-437	2019
22	<u>From bench to bedside: colistin nephrotoxicity and vitamin</u> O Moradi, Z Sahraei, S Asadi Clin Microbiol Infect Dis	2019
23	<u>Factors affecting child labor in Iran: a systematic review</u> S Ghahremani, S Khosravifar, M Ghazanfarpour, Z Sahraei, A Saedi, ... International Journal of Pediatrics 7 (9), 10067-10075	2019
24	<u>Bacteriologic evaluation of ventilator-associated pneumonia according to stress related mucosal disease prophylaxis in the intensive care unit</u> FR Bashar, Z Doosti, A Chouhdari, S Shokouhi, S Torabian, Z Sahraei, ... Archives of Clinical Infectious Diseases 13 (6)	2018
25	<u>Association between Delayed Graft Function (DGF) Biomarkers and Long-term Outcomes after Living Donor Kidney Transplantation</u> Z Sahraei, M Mehdizadeh, J Salamzadeh, M Nafar, A Eshraghi Reviews on Recent Clinical Trials 13 (4), 312-318	2018
26	<u>Serum coenzyme Q10 is associated with clinical neurological outcomes in acute stroke patients</u> L Simani, F Ryan, S Hashemifard, E Hooshmandi, M Madahi, Z Sahraei, ... Journal of Molecular Neuroscience 66 (1), 53-58	2018
27	<u>N-acetylcysteine decreases urinary level of neutrophil gelatinase-associated lipocalin in deceased-donor renal transplant recipients: a randomized clinical trial</u> A Modarresi, M Nafar, Z Sahraei, J Salamzadeh, S Chaibakhsh, S Ziaie, ... Biomarkers 23 (6), 589-596	2018
28	<u>Common Errors Related to Vancomycin Pharmacokinetics, Prescribed by Physicians in Iran: Suggesting Practical Approaches for Adjusting the Right Dose</u> S Barati, Z Sahraei Journal of Pharmacoeconomics and Pharmaceutical Management 4 (1/2), 1-9	2018
29	<u>Is a low incidence rate of ventilation associated pneumonia associated with lower mortality? A descriptive longitudinal study in Iran</u> A Chouhdari, S Shokouhi, FR Bashar, AV Azimi, SP Shojaei, M Fathi, ... Tanaffos 17 (2), 110	2018
30	<u>Evaluation of Antibiotic Prophylaxis Administration at the General and Neuro-Surgery Ward of a Teaching Hospital in Tehran, Iran</u> N Rahmaniana, H Mirhashemib, M Rajabia, M Parvizic, Z Sahraeic Journal of Reports in Pharmaceutical Sciences 7 (2), 123-129	2018
31	<u>Administration of vancomycin at high doses in patients with post neurosurgical meningitis: a comprehensive comparison between continuous infusion and intermittent infusion</u> M Taheri, S Dadashzadeh, S Shokouhi, K Ebrahimzadeh, M Sadeghi, ... Iranian Journal of Pharmaceutical Research: IJPR 17 (Suppl2), 195	2018

32	<u>The study of vitamin D administration effect on CRP and Interleukin-6 as prognostic biomarkers of ventilator associated pneumonia</u> ZS Amir Ebrahim Miroliaee a, Jamshid Salamzadeh a, Shervin Shokouhi b Journal of Critical Care 44, 300-305	2018
33	<u>Evaluation of renal toxicity of colistin therapy with neutrophil gelatinase-associated lipocalin: a biomarker of renal tubular damage</u> AO Javan, J Salamzadeh, S Shokouhi, Z Sahraei Iranian journal of kidney diseases 11 (6), 447	2017
34	<u>S100 B: A new concept in neurocritical care</u> O Rezaei, H Pakdaman, K Gharehgozli, L Simani, A Vahedian-Azimi, ... Iranian Journal of Neurology 16 (2), 83	2017
35	<u>Study of the effects of N-acetylcysteine on oxidative stress status of patients on maintenance-hemodialysis undergoing cadaveric kidney transplantation</u> A Modarresi, S Ziaie, J Salamzadeh, Z Sahraei, M Nafar, Y Panahi, ... Iranian Journal of Pharmaceutical Research: IJPR 16 (4), 1631	2017
36	<u>Effect of vitamin D supplementation on procalcitonin as prognostic biomarker in patients with ventilator associated pneumonia complicated with vitamin D deficiency</u> AE Miroliaee, J Salamzadeh, S Shokouhi, A Fatemi, SH Ardehali, ... Iranian journal of pharmaceutical research: IJPR 16 (3), 1254	2017
37	<u>Nephrotoxicity of high and conventional dosing regimens of colistin: a randomized clinical trial</u> AO Javan, S Shokouhi, Z Sahraei, J Salamzadeh, SA Armaki Iranian Journal of Pharmaceutical Research: IJPR 16 (2), 781	2017
38	<u>Assessment of depression prevalence and its relation with interleukin 18 one year after renal transplantation</u> Z Sahraei, A Eshraghi, N Eslami, M Mehdizadeh American journal of therapeutics 23 (6), e1579-e1585	2016
39	<u>Erythema multiforme associated with misoprostol: a case report</u> Z Sahraei, M Mirabzadeh, A Eshraghi American Journal of Therapeutics 23 (5), e1230-e1233	2016
40	<u>Evaluation of Vancomycin Administration After Pharmacist Intervention in the Intensive Care Unit of an Educational Hospital</u> M Mohammadi, A Eshraghi, M Hajjesmaeili, Z Sahraei Archives of Critical Care Medicine 2 (2)	2016
41	<u>Deep vein thrombosis prophylaxis evaluation in intensive care unit</u> B Nekoonam, A Eshraghi, M Hajjesmaeili, Z Sahraei Arch Crit Care Med 1 (4), e8497	2016
42	<u>Critical Care Concepts in IRAN During the Last Decades</u> M Kouчек Archives of Critical Care Medicine 1 (4)	2016
43	<u>Role of Clinical Pharmacists in Early Detection, Reporting and Prevention of Medication Errors in a Medical Ward</u> ZS Solmaz Hassani ¹ , Azadeh Eshraghi ² , Morteza Taheri ¹ , Farzaneh Hematian ¹ J Pharm Care 3, 54-60	2015
44	<u>A review on colistin nephrotoxicity</u> A Ordooei Javan, S Shokouhi, Z Sahraei European journal of clinical pharmacology 71 (7), 801-810	2015
45	<u>A review on colistin nephrotoxicity.</u> S Shokouhi, Z Sahraei	2015

	European Journal of Clinical Pharmacology 71 (7), 801-810	
46	<u>Oxidative stress in chronic kidney disease.</u> A Modaresi, M Nafar, Z Sahraei Iranian journal of kidney diseases 9 (3)	2015
47	<u>Effects of heating and acidic solutions of vinegar and oxymel on milk coagulation for identification and quantification of resulting α-lactalbumin and β-lactoglobulin proteins ...</u> M Mirabzadeh, M Khanavi, A Golestani, MR Shams-ardekani, R Rahimi, ... Analytical Chemistry Letters 5 (1), 12-20	2015
48	<u>Effect of N-acetyl cysteine and vitamin C on kidney allograft function biomarkers interleukin-18 and neutrophil gelatinase-associated lipocalin</u> Z Sahraei, J Salamzadeh, M Nafar Iranian journal of kidney diseases 9 (1), 56	2015
49	<u>Anti-inflammatory effects of pioglitazone in diabetic kidney transplant recipients</u> Z Sahraei Iranian Journal of Kidney Diseases 8 (5), 353	2014
50	<u>Magnetic resonance imaging contrast agents: a review of literature</u> Z Sahraei, M Mirabzadeh, D Fadaei-Fouladi, N Eslami, A Eshraghi Journal of Pharmaceutical Care, 177-182	2014
51	<u>Evaluation of adverse events reported in traditional Iranian medicine following administration of aqueous extract of herba portulacae oleraceae seed</u> SZ Mirabzadeh M, Rahimi R J Tradit Chin Med 33 (4), 535-7	2013
52	<u>The Patients' Adherence and Adverse Drug Reactions (ADRs) which are Caused by Helicobacter pylori Eradication Regimens</u> MM Abbasinazari M, Sahraee Z J Clin Diagn Res 7 (3), 462-6	2013
53	<u>Assessment of Clinical Pharmacist's Role in an Infectious Diseases Ward</u> Z Sahraei, A Mohammadkhan	2013
54	<u>Detection and management of medication errors in internal wards of a teaching hospital by clinical pharmacists</u> M Abbasinazari, AH Talasaz, A Eshraghi, Z Sahraei Acta Medica Iranica, 482-486	2013
55	<u>Study of efficacy of erythropoietin (epolyrec®) on hematologic parameters in patients with chemotherapy induced anemia and its comparison with erythropoietin (eprex®)</u> Y Panahi, M Abbasinazari, MT Ardakani, M Sistanizad, Z Sahraee Research in Pharmaceutical Sciences 7 (5), 906	2012
56	<u>Delayed graft function (DGF) after living donor kidney transplantation: a study of possible explanatory factors.</u> PM Salamzadeh J, Sahraee Z, Nafar M Ann Transplant 17 (3), 69-76	2012
57	<u>Oxidative stress in kidney transplantation: causes, consequences, and potential treatment.</u> M Nafar, Z Sahraei, J Salamzadeh, S Samavat, ND Vaziri Iranian journal of kidney diseases 5 (6), 357-372	2011
58	<u>Evaluation of stat orders in a teaching hospital</u> Z Sahraee, F Fahimi, S Amini, AH Talasaz INTERNATIONAL JOURNAL OF CLINICAL PHARMACY 33 (2), 434-435	2011

59	<u>Evaluation of Stat Orders in a Teaching Hospital</u> SA Fanak Fahimi, Zahra Sahraee Clin Drug Investig. 31 (4), 231-5	2011
----	--	------