

FATEMEH VAZIRIAN

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Mobile: (+61) 411 512 129

1997 – May – 19

Pharmacist

*****ACADEMIC QUALIFICATION*****

■ Doctor of Pharmacy (2015-2021)

Mashhad University of Medical Sciences (MUMS), Mashhad, Iran

GPA: 17.28 (on the 20.00 scale, equals to A)

Thesis: Study of the effect of herbal supplement of Ethanolic extraction of Thymus kotschyanus in improvement of symptoms of ulcerative colitis

Hippocratic oath date: 2021-Oct-19

■ High School Diploma (2014 May)

Mahmoudiyeh High-School, Torbat Heydariyeh, Iran

GPA: 19.53 (on the 20.00 scale, equals to A+)

■ IELTS (academic – date: 2022-Jan-08)

Overall Score: 8

L:8.5, R:9, S:7, Wr:7

*****INVENTION REGISTRATION*****

➤ **Title:** "Anti-inflammatory capsule containing ethanolic extract of Thymus Kotschyanus plant"

Registered at: Emblem of the judiciary of Iran and Mashhad university of medical sciences

Date: 2022-Aug-08

*****PUBLISHED JOURNAL ARTICLES*****

✓ **Authors:** Soleimani A, Amirinejad A, Rahsepar S, Vazirian F, Bahrami A, Gordon A. F, Khazaei M, Avan A, Hassanian S.M

Title: "Therapeutic potential of RAS prenylation pharmacological inhibitors in the treatment of breast cancer, recent progress, and prospective" – Review

Journal of Cellular Biochemistry

First Published: 2018-Oct-30

✓ **Authors:** Fatemeh Vazirian, Sara Samadi, Hossein Rahimi, Masoomah Sadeghi, Amir Hooshang Mohammadpour

Title: Aprepitant, fosaprepitant and risk of ifosfamide-induced neurotoxicity: a systematic review

Cancer chemotherapy and pharmacology

First Published: 2022-May-30

✓ **Authors:** Fatemeh Vazirian, Sara Samadi, Mohammadreza Abbaspour, Amirmahdi Taleb, Hadi Bagherhosseini, Hooman Mosannen Mozaffari, Amir Hooshang Mohammadpour, Seyed Ahmad Emami

Title: "Evaluation of the efficacy of Thymus kotschyanus extract as an additive treatment in patients with ulcerative colitis: A randomized double-blind placebo-controlled trial" – Original Article

Inflammopharmacology

First Published: 2022-June-20

✓ **Authors:** Fatemeh Vazirian, Masoumeh Sadeghi, Dongdong Wang, Reza Javidi Dashtbayaz, Arash Gholoobi Sara Samadi Amir Hooshang Mohammadpour

Title: "Correlation between osteoprotegerin and coronary artery calcification in diabetic subjects:

BMC cardiovascular disorders

First Published: 2023-Feb-21

✓ **Authors:** Fatemeh Vazirian, Masoumeh Sadeghi, Theodoros Kelesidis, Matthew J Budoff, Zahra Zandi, Sara Samadi, Amir Hooshang Mohammadpour

Title: "Predictive value of lipoprotein(a) in coronary artery calcification among asymptomatic cardiovascular disease subjects: a systematic review and meta-analysis" _ ReviewArticle

Nutrition, metabolism and cardiovascular diseases

First Published: 2023-Jan-01

✓ **Authors:** Fatemeh Vazirian, Susan Darroudi, Hamid Reza Rahimi, MohamadReza Latifi, Behrouz Shakeri, Samaneh Abolbashari, Amir Hooshang Mohammadpour, Habibollah Esmaily, Mohsen Mouhebati, Sara Samadi, Majid Ghayour Mobarhan

Title: "Non-HDL cholesterol and long-term follow-up outcomes in patients with metabolic syndrome" – OriginalArticle

Lipids in Health and Disease

First Published: 2023-Oct-04

✓ **Authors:** Sara Samadi, Fatemeh Vazirian, Naghmeh Shahraki, Dongdong Wang, Azadeh Izadi-Moud, Amir Hooshang Mohammadpour, Navid Omidkhoda

Title: "Prognostic Value of Circulating Osteogenic Proteins for Stratifying Coronary Artery Calcification Risk" – OriginalArticle

International Journal of the Cardiovascular Academy

First Published: 2024-Dec-16

*******WORK EXPERIENCE*******

Dr.Shirazi Drugstore

(2022/01_2023/01)

Position: Authorized pharmacist

Giving medical advice

Checking drug interactions

Dr. Esmaeili drug store

(2019/01) to (2022/01)

Position: Authorized pharmacist

Giving medical advice

Checking drug interactions

*******PROFESSIONAL SKILLS & ABILITIES*******

- Familiar with in vitro studies and knowing cell culture techniques;
- Familiar with real time PCR technique and primer designing;
- Familiar with bioinformatics;
- Familiar with in vivo studies and working with mice and rats for testing particular agents
- Designing and performing clinical trials;
- Familiar with data collection and analysis;
- Familiar with making herbal extract using percolation method;
- Familiar with preparing capsules of herbal extract with wet granulation formulation;
- Familiar with standardization of Thymus and other plants based on anti-inflammatory components (thymol, carvacrol and quercetin);

- Familiar with making essential oils of plants and minimizing the unrelated components of them for making pure oils;
- Familiar with determining and calculating the loads of heavy metals such as lead (Pb) and mercury (Hg) in blood in the toxicology laboratory;
- Familiar with determining several medical categories such as salicylate, phenothiazine and tricyclic antidepressant through specific chemical indicators in the toxicology laboratory;
- Familiar with calculating the amount of phenobarbital and salicylate in human blood sample using Spectrophotometry technique;
- Familiar with determining various alkaloids such as codeine, strychnine, atropine and morphine that are presented in the urine using specific chemical indicators in the toxicology laboratory;

SOFTWARE & IT

- Familiar with SPSS;
- Familiar with Stata;
- Familiar with R;
- Familiar with Python;
- Familiar with Graph Pad Prism;
- Familiar with reference manager software (Endnote);
- Familiar with working with Microsoft softwares;
- Expert in designing websites using HTML programming language;
- Expert in cryptocurrency market trading using technical analysis and price action method;

*******Conferences*******

- Second international conference on cardiology in 2022 in France : Online presenting_ abstract entitled " Prognostic value of fetuin-A in identifying the risk of coronary artery calcification: A systematic review "(<https://www.heart.scientexconference.com/speakers/Fatemeh-Vazirian>)