

CURRICULUM VITAE

Updated: November 2017

General

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Marital Status: Married, two Children
Nationality: Iranian
Language: Persian (native language)
English

Qualifications

Qualification	Year	Subject	Average (out of 20)	Institution
Diploma	1984	Science	18.97	Taleghani High School, Kerman, Iran
Pharm.D.	1995	Pharmacy	16.55 Thesis was qualified with a very good honour (20)	Isfahan School of Pharmacy, Isfahan, Iran.
Ph.D.	2007	Pharmaceutical Sciences	NA	SIPBS, Strathclyde University, Glasgow, UK

Thesis

Degree	Thesis	Supervisors
Pharm.D.	Assessment and preparation of a suitable formulation for treatment of dry skin	Dr K. Shafiee, Dr M.Flamarziyan
Ph.D.	A study of reactions of aldehydes with proteins using HPLC-MS methods	Dr D. G. Watson, Dr E. Ellis

Professional Membership

1. Iranian Pharmacists Association
2. Iranian Medical Council
3. Iranian Association of Pharmaceutical Scientists

Employment

Period	Job/Position	Institute/Organisation
2007-	Academic Member	Department of Medicinal Chemistry, Kerman School of Pharmacy, Kerman, Iran
2010-2014	Management & Financial Deputy	Kerman School of Pharmacy, Kerman, Iran
2010-2011	Research Deputy	Kerman School of Pharmacy, Kerman, Iran
2007-2008	Manager	Education Office, Kerman School of Pharmacy, Kerman, Iran
2000-2002	Academic Member	Kerman School of Pharmacy, Kerman, Iran
1998-2000	Pharmacist-Founder	Abureihan Pharmacy, Mahan, Kerman, Iran
1994-1998	Person in Charge as Administrator	Drug Administration Office, Kerman University of Medical Sciences, Kerman, Iran
1993-1994	Pharmacist	Razi Pharmacy, Shar-e-Babak, Iran

Research Experience

1. Formulation of new moisturising semisolid preparations for the treatment of dry skin.
2. Study of pharmaceutical equivalence of sulphadoxine/pyrimethamine combination tablets.
3. Determination of ring-opened metabolites of benzene in living systems.
4. Study of chemical reactions and non-enzymatic covalent modification of proteins with aldehydes.
5. Study of advanced lipoxidation end-products in lipid peroxidation.
6. Determination of amino acids and modified amino acids in proteins using LC-MS methods.
7. Method development for determination of opiates & amphetamine-like stimulant using HPLC.
8. Fractionation of methanolic extract of fenugreek seeds by column chromatography.
9. Study of the anti-nociceptive & anti-inflammatory effects of the major fractions of methanolic extract of fenugreek seeds.
10. Semi-preparative HPLC of active sub-fractions of fenugreek seeds having anti-nociceptive & anti-inflammatory effects.
11. Method development for determination of oxidant and anti-oxidants using HPLC.
12. Fully validation of an HPLC method for determination of aflatoxines.
13. SPE extraction & determination of solasodine in traditional herbal medicine by HPLC.
14. Photocatalytic elimination of pharmaceuticals using nano-particles.
15. Method development for determination of pesticides in biological samples using GC-MS & HPLC.
16. Antibiotic elimination from hospital waste by electrochemical & adsorption methods.
17. Column chromatography of extracts of Zataria with anticholinestrase activity.
18. Development & validation of a DLLME-HPLC method for determination of warfarin in plasma.
19. Determination of heavy metals in pharmaceuticals & biological samples using flame and graphite furnace atomic absorption technique.

Practical Knowledge In:

1. The latest analytical instruments and techniques employed in pharmaceutical analysis.
1. The development and validation of analytical methods.

2. The elucidation of unknown compounds using MS, IR, and NMR.
3. The extraction of compounds using techniques such as LLE, CPE & SPE.
4. The lecturing instrumental analysis of chemicals and pharmaceuticals.

Workshop & Course Attended

1. Six-month taught course in pharmaceutical analysis (part of an MSc course), SIBS, Strathclyde University, Glasgow, UK, October 2002- March 2003.
2. Short course on mass spectral interpretation organized by EPSRC National Mass Spectrometry Service Center, Swansea, UK, June 2004.
3. Twelve-month taught course in medical education, Deputy of education, Kerman University of Medical Sciences, Kerman, Iran, September 2014- July 2015.

Publications

1. Y. Hebron, J.N.A. Tetty, M. Pournamdari, and D.G. Watson, *The chemical and pharmaceutical equivalence of sulphadoxine/pyrimethamine tablets sold on the Tanzanian market*, Journal of Clinical Pharmacy and Therapeutics, 2005. 30: p. 575-581.
2. R. Abdelhameed, N. Labyad, D.G. Watson, M. Pournamdari, C.G. Cable and E. Stanely; *Evaluation of the stability of morphine sulphate in combination with Instillagel[®]*; Journal of Clinical Pharmacy and Therapeutics, 2008. 33: p. 263-271.
3. M. Pournamdari, A. Saadi, E. Ellis, R. Andrew, B. Walker, D.G. Watson; *Development of a derivatisation method for the analysis of aldehyde modified amino acid residues in proteins by fourier transform mass spectrometry*; Analytica Chimica Acta, 2009. 633:216-222.
4. A. Mandegary, M. Pournamdari, Fariba Sharififar, Shirin Pournourmohammadi, Reza Fardiar, Sedigheh Shooli; *Alkaloid and flavonoid rich fractions of fenugreek seeds (Trigonella foenum-graceum L.) with antinociceptive and anti-inflammatory effects*; Food and Chemical Toxicology, 2012. 50: p. 2503-2507.
5. A. Dini, P. Khazaeli, A. Roohbaksh, A. Madadlou, M. Pournamdari, L. Setoodeh, A. Askarian, N. Doraki, H. Farrokhi, H. Moradi, E. Khodadadi; *Aflatoxin contamination level in Iran's pistachio nut during years 2009-2011*; Food Control, 2013. 30: p. 540-544.
6. A. Ahmadipour, F. Sharififar, M. Pournamdari, A. Mandegari Bamkan, A. Hosseini, F. Moradi Afrapoli, S. Karami-Mhajeri; *Hepatoprotective effect of Zataria Multiflora Boiss against malathion-induced oxidative stress in male rats*; Orient Pharm. Exp. Med., 2016.
7. M. Pournamdari, A. Mandegary, F. Sharififar, G. Zarei, R. Zarehshahi, A. Asadi, M. Mehdipour; *Acidified Chloroform Fraction of Fenugreek Seeds (Trigonella foenum-graecum L.)*; Journal of Dietary Supplements, 2017.
8. S. Ahmadzadeh, A. Asadipour, M. Pournamdari, B. Behnam, HR Rahimi, M. Dolatabadi; *Removal of ciprofloxacin from hospital wastewater using electrocoagulation technique by aluminum electrode: Optimization and modelling through response surface methodology*; Process Safety and Environmental Protection, 2017. 109: p. 538-547.
9. N. Mohamadi, F. Sharififar, M. Pournamdari, M. Ansari; *A review on biosynthesis, analytical techniques, and pharmacological activities of trigonelline as a plant alkaloid*; Journal of Dietary Supplements, 2017. p. 1-15.
10. M. Ohadi, G. Dehghan-Noudeh, M. Shakibaie, I.M. Banat, M. Pournamdari, H. Forootanfar; *Isolation, characterization, and optimization of biosurfactant production by an oildegrading Acinetobacter junii B6 isolated from an Iranian oil excavation site*; Biocatalysis and Agricultural Biotechnology, 2017

Thesis Supervision, Co-supervision & Advisor

1. Synthesis of new piperazine derivatives of 5-(5-nitrofurane-2-yl)-1,3,4-thiadiazol-2-yl thiomethylamides, M. Safaei, Pharm. D., 2009.
2. Study of anti-nociceptive effect of the major fractions of methanolic extract of fenugreek seeds, R. Fardyar, Pharm. D., 2010.
3. Synthesis of new non-piperazine derivatives of 5-(5-nitrofurane-2-yl)-1,2,3-thiadiazole-2-yl thioalkylamide as potential antituberculosis agents, A. Ahmad Rezaei, Pharm.D., 2010.
4. Study of anti-inflammatory effect of the major fractions of methanolic extract of fenugreek seeds, S. Shooli, Pharm. D., 2011.
5. Design and synthesis of some new carbothiohydrazide derivatives as potential anti-tuberculosis agents, B. Shokri, Pharm. D., 2011
6. Design and synthesis of carbothiohydrazone-5-aryl-thiadiazolylpiperazine derivatives as potential anti-convulsion agents, S. Riahi Dehkordi, Pharm. D., 2011.
7. A comparison of the blood levels of lead in opium-addicted and non-addicted patients admitted to the ICU of Shaheed Bahonar hospital in Kerman, R. Salimi, Pharm. D., 2011.
8. Comparison between methadone and opium efficacy in control of agitation of withdrawal syndrome in opium-addicted patients admitted in ICU of Shahid Babonar hospital in Kerman, S. Pourtaheri, Pharm. D., 2011.
9. Separation of anti-nociceptive compounds from alkaline chloroform fraction of fenugreek (*Trigonella foenum-graecum* L.) seeds, M. Abbasi, Pharm. D., 2013.
10. Separation of anti-inflammatory compounds from acidified chloroform fraction of fenugreek (*Trigonella foenum-graecum* L.) seeds, G. Zarei, Pharm. D., 2013.
11. Development of an HPLC method for analysis of anti-inflammatory fraction of fenugreek (*Trigonella foenum-graecum* L.) seeds, S. Alipour, Pharm. D., 2013.
12. Development of an HPLC method for determination of oxidative stress parameters in the bronchoalveolar lavage in patients with chronic obstructive pulmonary disease (COPD) and study of the association of these parameters with stages of disease and exacerbations, A. Ghafariyan, MSc in Toxicology, 2014.
13. Development and validation of a DLLME-HPLC-UV method for determination of warfarin in plasma and its clinical application, M. Khosravi, MSc in Toxicology, 2015.
14. Separation of fractions with antioxidant and anticholinesterase activities from *Tripleurospermum desciform* by liquid-liquid extraction, R. Taghizadeh, Pharm.D., 2015.
15. Separation of anticholinesterase fractions from *Zataria multiflora* Boiss by column chromatography, F. Khajoueenasab Ravari, Pharm.D., 2016.
16. *(In progress) Advisor:* Formulation and standardization of a pharmaceutical preparation based on Iranian traditional medicine from *Solanum melongena* for hemorrhoid treatment, Sh. Kalantari, Ph.D, 2014.
17. *(In progress) Advisor:* Isolation of inhibitory fractions from *Gossypium hirsutum* L. with inhibitory effect against *Leishmania major* amastigotes in amastigote-macrophage model and BALB/C mice, F. Sharifi, Ph.D, 2015.
18. *(In progress) Supervisor:* Simultaneous determination of trigonelline and diosgenin and pharmacokinetic study of trigonelline in healthy volunteers after oral administration of dried ethanolic extract of fenugreek seed (*Trigonella foenum graecum* L.), N. Mohamadi, Ph.D, 2016.
19. *(In progress) Advisor:* Computational chemistry to design and synthesis of molecular imprinting polymers for extraction and determination of malathion and diazinon in water and some biological fluids, M. Mehdipour, Ph.D, 2016.
20. *(In progress) Advisor:* Separation and evaluation of anti-inflammatory compounds from isolated effective fraction of fenugreek seed *Trigonella foenum – graecum* L., E. Karantari, Pharm.D, 2017.

Current Research

1. Work on extraction of chemicals with toxicological and forensic importance from biological samples.
2. Method development for determination of organophosphorus, organochlorine and carbamate pesticides using GC-MS & HPLC techniques.
3. Development of an HPLC method for concurrent analysis of NSAIDs in biological samples.
4. SPE extraction & HPLC determination of solasodine in traditional herbal medicine.
5. Photocatalytic elimination of pharmaceuticals using nano-particles.
6. Antibiotic elimination from hospital waste by electrochemical & adsorption methods.
7. Column chromatography of extracts of Zataria with anticholinestrase activity.
8. Development & validation of a DLLME-HPLC method for determination of pharmaceuticals.
9. Determination of heavy metals in pharmaceuticals & biological samples using flame and graphite furnace atomic absorption technique.

Recreation & Interests

1. Hiking & Mountaineering
2. Persian Poems & Poetry Nights
3. Persian Music & Song
4. Film & Cinema
5. Sport News

Sport Achievements

1. First place in 400 m run, Kerman's Schools Track & Field Championships, 1984
2. Second place in 800 m run, Kerman's Schools Track & Field Championships, 1984
3. Second place in 4x400 m run, Isfahan's Clubs Track & Field Championships, 1986.
4. Climbing to the summits of 19 Munros in the highlands of Scotland, 2004-2007.

Skills

1. Microsoft Office Word
2. Microsoft Office Excel
3. Microsoft Office PowerPoint
4. English Typing
5. Persian Typing

References

1. Dr D.G. Watson (Reader), SIPBS, Strathclyde University, Glasgow, G4 0NR, UK, Tel: +44 141 5485126
2. Dr E. Ellis (Senior Lecturer), Strathclyde University, Glasgow, G4 0NR, UK, Tel: +44 141 5482122
3. Dr A. Asadipour (Associate Professor), Vice President in Food and Drug Affairs, Kerman University of Medical Sciences, Jomhoori Blvd, Kerman, Iran, Tel: +98 34 3132 5001
4. Dr A. Pardakhty (Professor), Dean of Kerman School of Pharmacy, Kerman University of Medical Sciences, Haft-Bagh Blvd, Kerman, Iran, Tel: +98 34 3132 5002