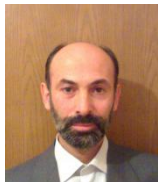


CURRICULUM VITAE



Name: Mohammad-Reza Rashidi
Position: Professor in Tabriz school of Pharmacy
Nationality: Iranian
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Tel: +98 411 3341315
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Place of birth: Tabriz
Date of birth: 22/3/63
Marital Status: Married

Educational Records & Qualifications

2000(Jan)-2000(Feb) Certificate in Health Policy, Planning, and Economics, Nuffield Institute,
Leeds University, Leeds, UK.
1993-1996: Doctorate of Philosophy (PhD) in Medicinal Chemistry, School of Pharmacy, Bradford University, Bradford, UK
1983-1987: Pharm D., School of Pharmacy, University of Tabriz, Tabriz-Iran.
1979-1982: Diploma in Natural Sciences, Tabriz-Iran

Teaching Experience (Since 1996)

- Medicinal chemistry (for PharmD and PhD students)
- Advanced biochemistry (for MSc and PhD students)
- Enzyme technology (for MSc students)
- Instrumental Analysis (for PharmD and PhD students)
- Organic chemistry (for PharmD students)
- General chemistry (for PharmD students)
- English Language for Academic Purposes (for academic members of the university and PhD students)

- Research design (for academic members of the university and MS and PhD students)

Research Experience & Activities

- Presentation of 116 articles in international journals (66) and conferences (50)
- Presentation of 93 articles in national scientific journals (33) and conferences (60)
- Supervision of more than 30 PharmD, 14 MSc and 10 PhD theses
- Supervision of 12 research projects including two national and 2 provincial projects
- Involvement in 28 research projects as a main research member

Administrative Experience

2010-present	Research vice-chancellor
2003-2006	Research vice-chancellor
1999-2002	Head of Drug Applied Research Center
1997-1999	Director of International Relation Affairs, Tabriz University of Medical Sciences, Tabriz, Iran.
1994-1995	Deputy Dean for administrative and financial affairs, Tabriz school of Nursing

Award

- Overseas Research Students Award (ORS) for three years (1994-1996), Bradford University, UK.
- Second degree National Razi Award (2010)

The major research areas

- Role of some enzymatic systems in drug metabolism
- Investigation of structure/activity relationships for substrates and inhibitors of molybdenum hydroxylases
- The effects of natural products on molybdenum hydroxylases activity and reactive oxygen species generation
- Instrumental analysis of endogenous and exogenous compounds in biological samples
- Application of chemometric methods in enzymology

The list of papers published in the scientific journals in the last 5 years:

2011

- Comparison of the Effects of Genistein and Daidzein with Dexamethasone and Soy Protein on Rheumatoid Arthritis in Rats, Majid Mohammad-Shahi, Fatemeh Haidari, Bahman Rashidi, Amir Ata Saei, Soltanali Mahboob and Mohammad-Reza Rashidi, *BioImpacts*, 1(3), 161-170 (2011)
- Protective effect of soy protein on collagen-induced arthritis in rat, Shahi MM, Rashidi MR, Mahboob S, Haidari F, Rashidi B, Hanaee J, *Rheumatol Int.* (2011, In press)
- Effect of Vitamin E and Selenium Supplement on Paraoxonase-1 Activity, Oxidized Low Density Lipoprotein and Antioxidant Defense in Diabetic Rats, Tayibeh Ghaffari, Mohammad Nouri, Ebrahim Irannejad and Mohammad-Reza Rashidi, *BioImpacts*, 1(2), 121-128 (2011)
- Legacy of Avicenna and evidence-based medicine MM Shoja, MR Rashidi, RS Tubbs, J Etemadi, F Abbasnejad, PS Agutter, *Int J Cardiol*, 4;150(3):243-6 (2011)
- Simultaneous Determination of 6-Mercaptopurine and its Oxidative Metabolites in Synthetic Solutions and Human Plasma using Spectrophotometric Multivariate Calibration Methods, Mohammad-Hossein Sorouraddin, Mohammad-Yaser Khani, Kaveh Amini, Abdolhossein Naseri, Davoud Asgari, Mohammad-Reza Rashidi, *BioImpacts*, 1(1), 53-62 (2011)
- Influence of a High Cholesterol Regime on Epicardial and Subcutaneous Adipose Tissue Fatty Acids Profile in Rabbits, M Pezeshkian, MR Rashidi, M Varmazyar, J Hanaee, A Darbin, M Nouri, *Metab Syndr Relat Disord.* 9(5):403-9,(2011)
- Activity and stability of rat liver xanthine oxidase in the presence of pyridine, K Amini, MH Sorouraddin, MR Rashidi, *Can. J. Chem.* 89: 1–7 (2011)
- A highly sensitive HPLC-florescence method to study aldehyde oxidase activity, MR Rashidi, K Amini, MY Khani, A Faridi, J Hanaee, MH Sorouraddin , *J AOAC Int.* 94 (2): 550-554 (2011)
- Study of aldehyde oxidase-catalyzed metabolic pathway³ of phenanthridine using MCR-ALS method MH Sorouraddin, K Amini, A Naseri, D Asgari, MR Rashidi, *Bioprocess Biosyst Eng* 34(2):173-7 (2011)

2010

- Hysterical paralysis and premature burial: a medieval Persian case, fear and fascination in the west and modern practice PA Agutter, MM Shoja, RS Tubbs, MR Rashidi, M Khalili, SF Hosseini, K Ghabili, AA Cohen-Gadol *J Forensic Leg Med* Accepted (2010)

- Spectroscopic studies on the interaction between erlotinib hydrochloride and bovine serum albumin F Rasoulzadeh, D Asgari, A Naseri, MR Rashidi DARU18(3):179-184 (2010)
- A new multi-wavelength model-based method for determination of enzyme kinetic parameters MH Sorouraddin, K amini, A Naseri, J Vallipour, J Hanaee, MR Rashidi Bioprocess Biosyst Eng(2010)
- Inhibitory effects of flavonoids on molybdenum hydroxylases activity. Rashidi MR, Nazemiyeh H Expert Opin Drug Metab Toxicol. 6(2):133-52 (2010)
- Activity and some properties of *Helicoverpa Armigera* hübner and *Spodoptera Exigua* Hübner (lep.: noctuidae) midgut protease D Mohammadi, R Farshbaf Pour Abad, MR Rashidi, S Mohammadi Mun. Mun. Zool. 5(2): 697-706 (2010)
- Spectroscopic study of quercetin and hesperetin interaction with bovine milk xanthine oxidase. Rasoulzadeh F, Naseri A, Rashidi MR. Pharmaceutical Sciences, 16, 73-80 (2010)
- Study of cotton bollworm, *helicoverpa Armigera* hübner (lepidoptera: noctuidae) Using dyar's rule D Mohammadi, R Farshbaf Pour Abad, MR Rashidi, S Mohammadi Mun. Mun. Zool. 5(1): 216-224 (2010)

2009

- Simultaneous spectrophotometric determination of phenanthridine, phenanthridinone and phenanthridine N-oxide using multivariate calibration methods en MH Sorouraddin, K Amini, A Naseri, MR Rashidi t. Eur. J. Chem. 8(1):207–213(2009)
- Association between paraoxonase-1 activity and the extent of coronary stenosis Mahrooz A, Rashidi MR, Aslanabadi N, Qujeq D, Nouri M J Cardiovasc Thrac Res1(2):1-8 (2009)
- Ruta graveolens L. extract, an inhibitor of guinea pig liver and bovine milk xanthine oxidase S Pirouzpanah, MR Rashidi, A Delazar, SV Razavieh, AA Hamidi Biochemistry74, 97-101 (2009)
- Catalytic activity and stability of xanthine oxidase in aqueous-organic mixtures Rashidi, MR; Sorouraddin, MH; Taherzadeh, F, Jouyban A Biochemistry74, 97-101 (2009)
- Development of a sensitive spectrofluorometric-multivariate calibration method for enzyme kinetic study of aldehyde oxidase Sorouraddin MH, Fooladi E, Naseri A, , Rashidi MR IranianJ Pharmaceutic Res8:169-177(2009)
- Inhibitory effects of flavonoids on aldehyde oxidase activity Pirouzpanah, S; Hanaee, J; Razavieh, SV, Rashidi MR Enz Inhibit Med Chem, 24, 14-21, (2009)
- Inhibitory Effects of Tart Cherry (*Prunus cerasus*) Juice on Xanthine Oxidoreductase Activity and its Hypouricemic and Antioxidant Effects on Rats Haidari F, Mohammad Shahi M, Keshavarz SA, Rashidi MR Mal J Nutr15, 53-64 (2009)
- Thermosensitive Nanoparticles Prepared from Poly(N-isopropylacrylamide-acrylamide-vinilpyrrolidone) and its Blend with Poly(lactide-co-glycolide) for Efficient Drug Delivery

System Salehi R, Davaran S, Rashidi MR, Entezami AA J Applied Polymer Sci 111, 1905-1910 (2009)

- Fluorescence quenching study of quercetin interaction with bovine milk xanthine oxidase Rasoulzadeh F, Jabary HN, Naseri A, Rashidi MR Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 72, 190-193, (2009)
- Evaluation of the appropriateness of hospital stay in gynecological wards in Tabriz teaching hospitals Ouladsahebmadarek E, Seidhejazie M, Rashidi M, Sahhaf F, Fardiazar Z Pak J Med Sci 25, 852-856 (2009)
- The protective effects of carrot seeds extract on spermatogenesis and cauda epididymal sperm reserves in gentamicin treated rats Nouri M, Khaki A, Fathi Azar F, Rashidi MR Yakhteh Med J 11, 327-333 (2009)
- Levels of tetracycline residues in cattle meat, liver, and kidney from a slaughterhouse in Tabriz, Iran Mesgari Abasi M, Rashidi MR, Javadi A, Bannazadeh Amirkhizi A, Mirmahdavi S, Zabihi M Turk. J. Vet. Anim. Sci. 33(4): 345-349 (2009)
- Inhibition of streptozotocin-induced oxidative stress by vitamin E and selenium supplementation in diabetic rats. Ghaffari T, Nouri M, Rashidi MR, Vatankhah AM, Rezazadeh H, Roshangar L. Pharmaceutical Sciences, 15, 73-80 (2009)
- Preventive effect of onion juice on selenite-induced experimental cataract Javadzadeh, A; Ghorbanihaghjo, A; Bonyadi, S, Rashidi MR, Mesgari M Indian J Ophthalmol 57:185-189 (2009)
- Inhibitory Effects of Tart Cherry (*Prunus cerasus*) Juice on Xanthine Oxidoreductase Activity and its Hypouricemic and Antioxidant Effects on Rats Haidari F, Mohammad Shahi M, Keshavarz SA, Rashidi MR. Mal J Nutr 15: 53-64 (2009)
- Orange juice and hesperetin supplementation to hyperuricemic rats alter oxidative stress markers and xanthine oxidoreductase activity Haidari F, Keshavarz AS, Rashidi MR, Mohammad Shahi M. J Clin Biochem Nutr. 45(3):285-91 (2009)
- Effects of quercetin and kaempferol versus allopurinol on serum uric acid levels, biomarkers of oxidative stress and hepatic xanthine oxidase/dehydrogenase activity in hyperuricemic rats, Heydari F, Keshavarz SA, Rashidi MR, Mahboub SA, Eshraghian MR, Mohammad Shahi M, Pharmaceutical Sciences, 14, 301-309 (2009)
- Mathematical representation of xanthine oxidase activity in hydro-organic mixtures Joyban A, Soruraddin MH, Taherzadeh F, Rashidi MR Bioresource Technology 100, 6635–6638 (2009)

2008

- Hypouricemic and antioxidant activities of *Allium cepa* Liliaceae and quercetin in normal and hyperuricemic rats Haidari F, Rashidi MR, Keshavarz SA, Mahboob SA, Eshraghian MR, Shahi MM Saudi Med J 29, 1573-9 (2008)

- Preparation and in vitro evaluation of linear and star-branched PLGA nanoparticles for insulin delivery. Davaran S., Omidi Y., Rashidi M.R., Anzabi M., Shayanfar A., Ghyasvand S., Vesal N., and Davaran F., Journal of Bioactive Compatible Polymer, 2008, 23 (2) 115-131
- Serum selenium levels in healthy women in Tabriz, Iran Rafrat M, Mahdavi R, Rashidi MR Food Nutr Bull29(2):83-6 (2008)
- Effects of onion on serum uric acid levels and hepatic xanthine dehydrogenase/xanthine oxidase activities in hyperuricemic rats Haidari F, Rashidi MR, Keshavarz SA, Mahboob SA, Eshraghian MR, Shahi MM. Pak J Biol Sci11, 1779-84(2008)
- A novel spectrophotometric method for determination of kinetic constants of aldehyde oxidase using multivariate calibration method Sorouraddin, MH; Fooladi, E; Naseri, A, Rashidi MR J Biochem Biophys Methods70, 999-1005(2008)
- Effect of Meal Frequency on Human Serum Complement C₃ and C₄ Rashidi MR, Rahnama B, Iranian J Basic Med Sci, 11, 49-54 (2008)

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- A randomized trial of peppermint gel, lanolin ointment, and placebo gel to prevent nipple crack in primiparous breastfeeding women Melli MS, Rashidi MR, Nokhoodchi A, Tagavi S, Farzadi L, Sadaghat K, Tahmasebi Z, Kazemi Shishvan M. Med Sci Monit13, CR406-CR411 (2007)
- Effect of nibbling and gorging dietary regimens on weight and lipid profile in rat. Shahraki M, Mahboob S, Rashidi MR, Majidi M, Mesgari M, Shahraki ZT. Pak J Biol Sci33, 881-7(2007)
- Synthesis of chemically cross-linked hydroxypropyl methyl cellulose hydrogels and their application in controlled release of 5-amino salicylic acid Davaran S, Rashidi MR, Khani, A Drug Dev Ind Pharm. 33, 881-7 (2007)
- *In vitro* study of 6-mercaptopurine oxidation catalysed by aldehyde oxidase and xanthine oxidase, Rashidi MR, Beedham C, Smith JS, Davaran S Drug Metab Pharmacokinet 22, 299-306 (2007)
- The effect of terpene concentrations on the skin penetration of diclofenac sodium, Nokhodchi A, Sharabiani K, Rashidi MR, Ghafourian T Int J Pharm. 20;335(1-2):97-105 (2007)
- Effect of peppermint water on prevention of nipple cracks in lactating primiparous women: a randomized controlled trial. Sayyah Melli M, Rashidi MR, Delazar A, Madarek E, Kargar Maher MH, Ghasemzadeh A, Sadaghat K, Tahmasebi Z, J Insect Sci7(2007)
- Evaluation of rheological behaviour and drug release from Erythromycin gel, Jelvehgari M, Rashidi MR, Rahmani V, Pharmaceutical Sciences 13, 37-46 (2007)
- Comparison of pulmonary hydatid disease between children and adults Montazeri V, Sokoti M, Rashidi MR, Tanaffos, 6, 13-18 (2007)