

Curriculum vitae



Mohammad Raish, Ph.D

Assistant Professor,
Department of Pharmaceutics,
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Research experience

1. Presently working as **Assistant Professor** in Department of Pharmaceutics, collage of Pharmacy, King **Saud University, and Riyadh Saudi Arabia. Since November 2009.**
2. Worked as **Research Professor** Nov 2008-September 2009 **Catholic Research Institute of Medical Sciences, The Catholic University of Korea, Seoul, Korea**
3. Worked as a **Research Associate** in DBT Funded Project since Nov 2007-Aug 2008 in a project entitled, "*Functional and structural attributes of Zona Pellucida in fertilization*" Gamete Antigen lab National institute of Immunology, Aruna Asaf Ali Marg, New Delhi, 110067.
4. Worked as a Junior Research Fellow in DST Funded Project from Dec 2003-Sep 2007 in a project entitled, "*Evaluation of mutation and expression of fhit gene in Indian Female breast cancer patient*" under the guidance of Dr.Syed Akhtar Husain Department of Biosciences Jamia Millia Islamia New Delhi-110025 INDIA.

Academics

Ph.D Entitled, - Molecular Analysis of FHIT Gene and P¹⁶ ink4a Gene and Their Association With Human Pappiloma Virus (HPV) In Indian Head Neck Carcinoma Patients.

2008: **Ph,D in Human genetics of cancer** From Department of Biosciences Jamia Millia Islamia (central university) New Delhi-110025 India. Entitled,;-Molecular analysis of FHIT gene and p16 gene and their association with human pappiloma virus (HPV) in Indian head neck carcinoma patients.

2002: **MS Biotechnology** scoring (*Majors: Cell & Molecular Biology.*) from Bundelkhand University, Jhansi-284128 (U.P.) India.

2000: **B. Pharmacuetical Sciences** scoring (*Majors: Pharmaceu**t**ics, Pharmacology, medicinal chemistry, Natural**P**roducts, Pharmaceutical Biochemistry, Pharmabiotechnology*) from Jamia Hamdard University, New Delhi -110062

Computer literacy:

Basic computer applications in general and biological sciences as MS Office, Windows 98, Windows 2000, Windows XP, Internet Explorer, e-mail etc.

Published

1. Bajrai AA, Ezzeldin E, Al-Rashood KA, **Raish M**, Iqbal M. A Validated UPLC-MS-MS Assay for the Rapid Determination of Lorcaserin in Plasma and Brain Tissue Samples. J Anal Toxicol. 2015 Nov 14. pii: bkv126. (**Impact factor. 2.86**)
2. Syed Rizwan Ahamad, Abdul Qader Alhaider, **Mohammad Raish**, Faiyaz Shakeel "Metabolomic and elemental analysis of camel and bovine urine by GC-MS and ICP-MS" Saudi Journal of Biological Sciences DOI:10.1016/J.SJBS.2015.09.001 (**Impact factor. 1.25**)
3. Muzaffar Iqbal, Essam Ezzeldin, Mashooq A Bhat, **Mohammad Raish**, Khalid A Al-Rashood. "Preclinical pharmacokinetics, tissue distribution and excretion studies of a novel anti-candidal agent-thiosemicarbazide derivative of isoniazid (TSC-INH) by validated UPLC-MS/MS assay". Journal of pharmaceutical and biomedical analysis 09/2015; 117:109-117. DOI:10.1016/j.jpba.2015.08.032 (**Impact factor. 2.98**).
4. Shakeel, Faiyaz, Fars K. Alanazi, **Mohammad Raish**, Nazrul Haq, Awwad A. Radwan, and Ibrahim A. Alsarra. "Pharmacokinetic and in vitro cytotoxic evaluation of cholesterol-rich nanoemulsion of cholesteryl-succinyl-5-fluorouracil." Journal of Molecular Liquids 211 (2015): 164-168. (**Impact factor. 2.51**).

5. Alkharfy KM, Ahmad A, **Raish M**, Vanhoutte PM. Thymoquinone modulates nitric oxide production and improves organ dysfunction of sepsis. *Life Sci.* 2015 Aug 15. pii: S0024-3205(15)00443-9. (**Impact factor. 2.70**).
6. Ahmad A, **Raish M**, Ganaie MA, Ahmad SR, Mohsin K, Al-Jenoobi FI, Al-Mohizea AM, Alkharfy KM. Hepatoprotective effect of Commiphora myrrha against d-GalN/LPS-induced hepatic injury in a rat model through attenuation of pro inflammatory cytokines and related genes. *Pharm Biol.* 2015Dec;53(12):1759-67. (**Impact factor.1.21**)
7. AlSaid M, Mothana R, **Raish M**, Al-Sohaibani M, Al-Yahya M, Ahmad A, Al-Dosari M, Rafatullah S. Evaluation of the effectiveness of Piper cubeba extract in the amelioration of CCl4-induced liver injuries and oxidative damage in the rodent model. *Biomed Res Int.* 2015; 2015:359358. (Impact factor. **2.707**).
8. Ahmad A, Alkharfy KM, Wani TA, **Raish M**. Application of Box-Behnken design for ultrasonic-assisted extraction of polysaccharides from Paeonia emodi. *Int J Biol Macromol.* 2015 Jan;72:990-7. (**Impact factor. 2.85**).
9. Al-Jenoobi FI, Ahad A, Mahrous GM, **Raish M**, Alam MA, Al-Mohizea AM. A Simple HPLC-UV Method for the Quantification of Theophylline in Rabbit Plasma and its Pharmacokinetic Application. *J Chromatogr Sci.* 2015 (Impact factor. **1.363**).
10. Al-Jenoobi FI, Alam MA, Al-Mohizea AM, Ahad A, **Raish M**. Orally co-administrated oleo-gum resin of Commiphora myrrha decreases the bioavailability of cyclosporine A in rats. *Pharmazie*, 2015; 70(8): 549-552 (**Impact factor. 1.052**).
11. Alam MA, Al-Jenoobi FI, Al-Mohizea AM, Ahad A and **Raish M**. Validated UPLC-MS Method for Pharmacokinetic Investigations of Cyclosporine-A in Blood. *Current Pharmaceutical Analysis*, 2015, 11 (3): 210-215. (**Impact factor. 0.71**).
12. AL-Mohizea A M, Ahad A, **Raish M**, AL-Jenoobi F I, Alam, M A. Improved oral bioavailability of theophylline, a narrow therapeutic index drug by ginger. *Lat. Am. J. Pharm.* 34 (2): 333-337 (**Impact factor. 0.37**).
13. Al-Jenoobi FI, Korashy HM, Ahad A, **Raish M**, Al-Mohizea AM, Alam MA, Al-Suwayeh SA, Alkharfy KM. Investigating the potential inhibitory effect of herbal medicines on rat hepatic cytochrome P450 2D gene expression and metabolic activity. *Pharmazie* 2014; 69(11) pp. 799-803. (**Impact factor. 1.052**).

14. El Gamal, Ali A., Mansour S. AlSaid, **Mohammad Raish**, Mohammed Al-Sohaibani, Shaza M. Al-Massarani, Ajaz Ahmad, Mohamed Hefnawy, Mohammed Al-Yahya, Omer A. Basoudan, and Syed Rafatullah. "Beetroot (*Beta vulgaris* L.) extract ameliorates gentamicin-induced nephrotoxicity associated oxidative stress, inflammation, and apoptosis in rodent model." *Mediators of inflammation* 2014 (2014). (**Impact factor. 3.236**).
15. Iqbal M, Ezzeldin E, Al-Rashood KA, Al-Khamees KI, Khan RM, **Raish M**, Anwer T. Simple and rapid determination of zafirlukast in plasma by ultra-performance liquid chromatography tandem mass spectrometric method: application into pharmacokinetic study in rabbits. *Drug Res (Stuttg)*. 2014 Aug;64(8):412-9. (**Impact factor. 0.507**)
16. Korashy HM, Al-Jenoobi FI, **Raish M**, Ahad A, Al-Mohizea AM, Alam MA, Alkharfy KM, Al-Suwayeh SA. Impact of herbal medicines like *nigella sativa*, *trigonella foenum-graecum*, and *ferula asafoetida*, on cytochrome P450 2C11 gene expression in rat liver. *Drug Res (Stuttg)*. 2014 Aug 6. (**Impact factor. 0.507**)
17. Al-Jenoobi FI, Ahad A, **Raish M**, Al-Mohizea AM, Alam MA. Investigating the potential effect of *Commiphora myrrha* on the pharmacokinetics of theophylline, a narrow therapeutic index drug. *Drug Research* 2014, July 3. (**Impact factor. 0.507**)
18. Ahad A, **Raish M**, Al-Mohizea AM, Al-Jenoobi FI, Alam MA. Enhanced anti-inflammatory activity of carbopol loaded meloxicam nanoethosomes gel. *Int J Biol Macromol*. 2014; 67C: 99-104. (**Impact factor. 3.096**)
19. Ahad A, Al-Jenoobi FI, Al-Mohizea AM, Akhtar N, **Raish M**, Aqil M. Systemic delivery of β -blockers via transdermal route for hypertension. *Saudi Pharmaceutical Journal*. 2014. (**Impact factor. 1.283**)
20. Al-Jenoobi FI, Alam MA, Alkharfy KM, Al-Suwayeh SA, Korashy HM, Al-Mohizea AM, Iqbal M, Ahad A, **Raish M**. Pharmacokinetic interaction studies of fenugreek with CYP3A substrates cyclosporine and carbamazepine. *Eur J Drug Metab Pharmacokinet*. 2014. (**Impact factor. 1.563**).

21. Al-Jenoobi FI, Al-Suwayeh SA, Muzaffar I, Alam MA, Al-Kharfy KM, Korashy HM, Al-Mohizea AM, Ahad A, **Raish M**. Effects of Nigella sativa and Lepidium sativum on Cyclosporine Pharmacokinetics. Biomed Res Int. 2013 (**Impact factor. 2.707**).
22. M AlSaid, I Al-Mofleh, **M Raish**, M Al-Sobaihani, M Al-Yahya, S Rafatullah "Antiulcerogenic, Anti-Secretory and Cytoprotective Effects of Piper Cubeba (L.) on Experimental Ulcer Models in Rat" International Journal of Biotechnology for Wellness Industries 2 (4), 173-181. 2013.
23. **Mohammad Raish**, Mohsin Khurshid, Mushtaq Ahmad Ansari, Pankaj Kumar Chaturvedi ,Su-Mi Bae, Jang Heub Kim, Eun Kyung Park, Dong Chun Park, Woong Shick Ahn "Analysis of molecular cytogenetic alterations in uterine leiomyosarcoma by array-based comparative genomic hybridization" Journal of Cancer Research and Clinical Oncology 03/2012; 138(7):1173-86. DOI:10.1007/s00432-012-1182-6. (**Impact factor. 3.08**).
24. **Mohammad Raish**, Syed Zeaul Abrar Husain, Su Mi Bae, Sei Jun Han, Choong Hak Park, Jong Chul Shin, Woong Shick Ahn "Photodynamic Therapy in Combination with Green Tea Polyphenol EGCG Enhances Antitumor Efficacy in Human Papillomavirus 16 (E6/E7) Immortalized Tumor Cells" The journal of applied research 2010; 10(2-Vol.10, No.2 , 58-67.
25. Santosh Verma, Shreesh Ojha, **Mohammad Raish** "Anti-inflammatory activity of Aconitum heterophyllum on cotton pellet-induced granuloma in rats" Journal of Medicinal Plants Research 2010 (4), 1566-1569 (**Impact factor. 0.05**).
26. **Mohammad Raish**,Varinderpal S. Dhillon, Arif Ahmad, Mushtaq Ahmad Ansari, Shahid Mudassar, Mohammad Shahid, Vineeta Batra, Pawan Gupta, Bhudev Chandra Das,N.K. Shukla · and Syed Akhtar Husain "Promoter Hypermethylation in Tumor Suppressing Genes p16 and FHIT and Their Relationship with Estrogen Receptor and Progesterone Receptor Status in Breast Cancer Patients from Northern India" Translational oncology 12/2009; · (**Impact Factor 3.04**).
27. Anubha Saxena, Varinderpal S Dhillon, **Mohammad Raish**, Mohammad Asim, Shabeena Rehman, NK Shukla, SVS Deo, Anjum Ara, Syed Akhtar Husain "Detection and relevance of germline genetic polymorphisms in glutathione S-transferases (GSTs) in

breast cancer patients from northern Indian population” *Breast Cancer Research and Treatment* 07/2008; 115(3):537-43. DOI:10.1007/s10549-008-0098-y · **(Impact Factor 3.94).**

28. Siddiqui AA, Ahamad SR, Mira MS, Hussain SA, **Raish M**, Kaur R. “Synthesis and in-vitro antifungal activity of 6-substituted-phenyl-2- {[(4'-substituted phenyl-5'-thioxo)-1,2,4-triazol-3-yl]-methyl}-2,3,4,5-tetrahydropyridazin-3-one derivatives”. *Acta Pol Pharm.* 2008 Mar-Apr;65(2):223-8. **(Impact Factor 0.74).**
29. Naqvi RA, Hussain A, **Raish M**, Noor A, Shahid M, Sarin R, Kukreti H, Khan NJ, Ahmad S, Deo SV, Husain SA, Pasha ST, Basir SF, Shukla NK. “Specific 50'CpG island methylation signatures of FHIT and p16 genes and their potential diagnostic relevance in Indian breast cancer patients”. *DNA Cell Biol.* 2008 Sep;27 (9):517-25. doi: 10.1089/dna.2007.0660. **(Impact Factor 2.06).**
30. Shahid M, Dhillon VS, Hussain Z, Masa JF, Aslam M, **Raish M**, Ahmad A, Khan NJ, Prasad S, Batra S, Pasha ST, Husain SA. “Analysis of the SRY gene in two sex-reversed XY sisters identifies two new novel point mutations in the high mobility group box domain”. *Fertil Steril.* 2008 Oct;90(4):1199.e1-8. doi: 10.1016/j.fertnstert.2007.11.062. Epub 2008 Mar 4 **(Impact Factor 4.59).**
31. Gochhait S, Bukhari SI, Bairwa N, Vadhera S, Darvishi K, **Raish M**, Gupta P, Husain SA, Bamezai RN. “Implication of BRCA2 -26G>A 5' untranslated region polymorphism in susceptibility to sporadic breast cancer and its modulation by p53 codon 72 Arg>Pro polymorphism”. *Breast Cancer Res.* 2007;9(5):R71. **(Impact Factor 5.49).**
32. Hussain Z, Das BC, Husain SA, Polipalli SK, Ahmed T, Begum N, Medhi S, Verghese A, **Raish M**, Theamboonlers A, Poovorawan Y, Kar P. “Virological course of hepatitis A virus as determined by real time RT-PCR: Correlation with biochemical, immunological and genotypic profiles. *World J Gastroenterol.* 2006 Aug 7;12(29):4683-8. **(Impact Factor 2.37).**
33. Hussain Z, Ali SS, Husain SA, **Raish M**, Sharma DR, Kar P. Evaluation of immunogenicity and reactogenicity of recombinant DNA hepatitis B vaccine produced in India. *World J Gastroenterol.* 2005 Dec 7;11(45):7165-8. **(Impact Factor 2.37).**

Personal Details

Name in Full:	Dr. Mohammad Raish
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