

Mansoor A. Khan, R.Ph., Ph.D.

Professor & Vice Dean

Director, Formulations Design and Development Core Laboratory

Irma Lerma Rangel College of Pharmacy | Texas A&M Health Science Center

Reynolds Medical Building, Suite 159 | College Station, Texas 77843-1114

PERSONAL INFORMATION

US Citizen

Wife - Rehana; Three children

EMPLOYMENT

Texas A&M Health Science Center – College of Pharmacy, College Station, TX:

Sept 2015 to present

Professor and Vice Dean – Director of Formulations Design and Development Core Laboratories

Food and Drug Administration, Center for Drug Evaluation and Research, Maryland

May 2004 to Sept 2015

Director, Division of Product Quality Research,

SBRS Scientist, August 2005 to Sept 2015

Texas Tech University Health Sciences Center, School of Pharmacy:

September 2000 to May 2004

Professor of Pharmaceutics (Tenured) and Director of Graduate Program

August 1998 to August 2000

Associate Professor of Pharmaceutics and Director of Graduate Program

University of Louisiana at Monroe

July 1996 to July 1998

Associate Professor of Pharmaceutics (Tenured)

June 1992 to June 1996

Assistant Professor of Pharmaceutics

Novartis Pharmaceuticals Inc., New Jersey;
Pharmaceutical R & D

May 1991- August 1991

St. John's University, New York; September 1987- May 1992
Teaching and Research Fellow in Pharmaceutics

Biological Evans Pharmaceutical Company; Sept 1985- July 1986
Research and Development Scientist

EDUCATION

Ph.D. in Pharmaceutics (focus on industrial pharmacy and biopharmaceutics), May 1992, St. John's University, College of Pharmacy and Allied Health Professions, New York.

Dissertation: Product and Process Optimization, and Bioavailability Evaluation of Controlled Release Ibuprofen:Eudragit Coprecipitates in Normal Human Volunteers (Major Advisor: Prof. Sanford Bolton)

M.S. in Pharmaceutics (focus on physical pharmacy and drug delivery systems), January 1988, Idaho State University, Idaho.

M.S. in Pharmaceutical Technology, June 1984, Andhra University, India

B.S. in Pharmacy, July 1982, Kakatiya University, India.

PROFESSIONAL LICENSURE

Registered Pharmacist. NY State Lic. # 44017 - Active

SEMESTER-LONG COURSES TAUGHT

Advanced Pharmaceutics, Industrial Pharmacy (Manufacturing Science), Product Formulation, Biopharmaceutics, Pharmacokinetics, and Drug Stability to MS and Ph.D. students.

Biopharmaceutics/Pharmacokinetics, Pharmaceutical and Clinical Calculations, Pharmaceutics (1, 2, and 3), and Pharmaceutics and Compounding Laboratories to Pharm.D. students.

PEER-REVIEWED MANUSCRIPTS (* indicates corresponding author)

1. Kislalioglu, M. S., **Khan, M. A.**, Blount, C., Goettsch, R. W., & Bolton, S. (1991). Physical characterization and dissolution properties of ibuprofen: Eudragit coprecipitates. *Journal of pharmaceutical sciences*, 80(8), 799-804.
2. Tammara, V. K., Narurkar, M. M., Crider, A. M., & **Khan, M. A.** (1993). Synthesis and evaluation of morpholinoalkyl ester prodrugs of indomethacin and naproxen. *Pharmaceutical research*, 10(8), 1191-1199.
3. Tammara, V. K., Narurkar, M. M., Crider, A. M., & **Khan, M. A.** (1994). Morpholinoalkyl ester prodrugs of diclofenac: synthesis, in vitro and in vivo evaluation. *Journal of pharmaceutical sciences*, 83(5), 644-648.
4. **Khan, M. A.**, Bolton, S., & Kislalioglu, M. S. (1994). Optimization of process variables for the preparation of ibuprofen coprecipitates with Eudragit S100. *International journal of pharmaceuticals*, 102(1), 185-192.
5. Singh, S.K, Karnachi, A.A., Durani, M.J., Dodge, J., and **Khan, M.A.** * (1995). Application of a Novel Latex on Ibuprofen Pellets. *Control Rel. Bioact. Mater.* 22.
6. Karnachi, A.A., Singh, S.K, Sastry, S.V., Reddy, I.K., and **Khan, M.A.** * (1995). Characterization and *In Vivo* Ulcerogenicity Study of Oral Extended Release Preparations. *Control Rel. Bioact. Mater.*, 22, pp. 1135-1136.
7. Karnachi, A.A., DeHon, R.A. and **Khan, M.A.** * (1995). Plackett-Burman Screening of Coprecipitates with Polymer Mixtures for Controlled Drug Delivery. *Die Pharmazie*, 50, pp. 550-553.
8. Karnachi, A.A., DeHon, R.A. and **Khan, M.A.** * (1995). Compression of Indomethacin Coprecipitates with Polymer Mixtures; Effect of Preparation Methodology. *Drug Dev. Ind. Pharm.*, 21(12), pp. 1473-1483.
9. Singh, S. K., Dodge, J., Durrani, M. J., & **Khan, M. A.** * (1995). Optimization and characterization of controlled release pellets coated with an experimental latex: I. Anionic drug. *International journal of pharmaceuticals*, 125(2), 243-255.
10. **Khan, M. A.** *, Karnachi, A. A., Singh, S. K., Sastry, S. V., Kislalioglu, S. M., & Bolton, S. (1995). Controlled release coprecipitates: formulation considerations. *Journal of controlled release*, 37(1), 131-141.
11. Karnachi, A. A., & **Khan, M. A.** * (1996). Box-Behnken design for the optimization of formulation variables of indomethacin coprecipitates with polymer mixtures. *International journal of Pharmaceuticals*, 131(1), 9-17.
12. Singh, S. K., Durrani, M. J., Reddy, I. K., & **Khan, M. A.** * (1996). Effect of permeation enhancers on the release of ketoprofen through transdermal drug delivery systems. *Die Pharmazie*, 51(10), 741-744.
13. Singh, S. K., Reddy, I. K., & **Khan, M. A.** * (1996). Optimization and characterization of controlled release pellets coated with an experimental latex: II. Cationic drug. *International journal of pharmaceuticals*, 141(1), 179-195.
14. Sastry, S.V., Karnachi, A.A., Durrani, M.J., Reddy, I.K., and **Khan, M.A.** * (1996). Carbopol Polymers in Osmotically Controlled Drug Delivery of Atenolol: Influence

- of Formulation Variables on Drug Release. *Control. Rel. Bioac. Mater.*, 23, pp.20-21.
15. Sastry, S.V., Reddy, I.K., and **Khan, M.A.** * (1996). Atenolol Gastrointestinal Therapeutic System: Effect of Surface Area, Curing Temperature, and pH on In-Vitro Dissolution Profiles. *Control. Rel. Bioac. Mater.*, 23, pp. 115-116.
 16. Reddy, I.K., and **Khan, M.A.** (1996). Responsive Drug Delivery. *US Pharmacist*, 21, pp. 72-78.
 17. Singh, S. K., Roane, D. S., Reddy, L. K., Durrani, M. J., & **Khan, M. A.** * (1996). Effect of additives on the diffusion of ketoprofen through human skin. *Drug development and industrial pharmacy*, 22(5), 471-474.
 18. Reddy, I. K., **Khan, M. A.**, Wu, W. M., & Bodor, N. S. (1996). Permeability of a soft steroid, loteprednol etabonate, through an excised rabbit cornea. *Journal of ocular pharmacology and therapeutics*, 12(2), 159-167.
 19. **Khan, M. A.**, Dib, J., & Reddy, L. K. (1996). Statistical optimization of ketoprofen-Eudragit® S100 coprecipitates to obtain controlled-release tablets. *Drug development and industrial pharmacy*, 22(2), 135-141.
 20. Reddy.I.K. and **Khan, M.A.** (1997). Glaucoma: Etiology, Symptoms and Clinical Management. *Pharmacy Times*, 5, pp. 82-92.
 21. Naidu, S. V., Sastry, S. V., Maxie, C. S., & **Khan, M. A.** (1997). Effect of plasticizer on free volume and permeability in cellulose acetate pseudolatex membranes studied by positron annihilation and tracer diffusion methods. *Materials Science Forum*, Vol. 255, pp. 333-335.
 22. Sastry, S. V., Degennaro, M. D., Reddy, L. K., & **Khan, M. A.** * (1997). Atenolol gastrointestinal therapeutic system. I. Screening of formulation variables. *Drug development and industrial pharmacy*, 23(2), 157-165.
 23. Singh, S. K., & **Khan, M. A.** * (1997). Ibuprofen release from beads coated with an experimental latex: Effect of certain variables. *Drug development and industrial pharmacy*, 23(2), 145-155.
 24. Karnachi, A.A, Reddy, I.K., Degennaro, M., & **Khan, M.A.** * (1997). Comparative evaluation of the severity of gastric ulceration by solid dispersions and coprecipitates of indomethacin. *Journal of drug targeting*, 4(5), 297-301.
 25. Sastry, S. V., Reddy, I. K., & **Khan, M. A.** * (1997). Atenolol gastrointestinal therapeutic system: optimization of formulation variables using response surface methodology. *Journal of controlled release*, 45(2), 121-130.
 26. **Khan, M.A.** * and Reddy, I.K. (1997). Controlled Drug Delivery: Use of Acrylate Polymers in Solid Oral Dosage Forms. *S.T.P. Pharma. Sci.*, 7(6), 483-490.
 27. Kunta, J. R., Goskonda, V. R., Brotherton, H. O., **Khan, M. A.**, & Reddy, I. K. (1997). Effect of menthol and related terpenes on the percutaneous absorption of propranolol across excised hairless mouse skin. *Journal of pharmaceutical sciences*, 86(12), 1369-1373.
 28. Reddy, I.K., Stasinis, M., and **Khan, M.A.** (1998). Arthritis: Etiology, Symptoms, and Clinical Management. *Drug Store News*, Sept, 27-31.

29. Kommuru, T. R., **Khan, M. A.**, & Reddy, I. K. (1998). Racemate and enantiomers of ketoprofen: phase diagram, thermodynamic studies, skin permeability, and use of chiral permeation enhancers. *Journal of pharmaceutical sciences*, 87(7), 833-840.
30. Zahir, A., Kunta, J. R., **Khan, M. A.**, & Redely, I. K. (1998). Effect of menthol on permeability of an optically active and racemic propranolol across guinea pig skin. *Drug development and industrial pharmacy*, 24(9), 875-878.
31. Reddy, I.K., Toedter, N.M., and **Khan, M.A.**(1998). Therapy for Dry Eye. *US Pharmacist.*, 23(1), 38-56.
32. Reddy, I.K. and **Khan, M.A.**(1998). Fundamentals of Fluid, Electrolyte, and Acid-Base Balance. *Louisiana Pharmacist*, 57(1), 11-15.
33. Goskonda, V. R., Reddy, I. K., Durrani, M. J., Wilber, W., & **Khan, M. A.*** (1998). Solid-state stability assessment of controlled release tablets containing Carbopol® 971P. *Journal of controlled release*, 54(1), 87-93.
34. Sastry, S. V., & **Khan, M. A.***(1998). Aqueous-based polymeric dispersion: face-centered cubic design for the development of atenolol gastrointestinal therapeutic system. *Pharmaceutical development and technology*, 3(4), 423-432.
35. Sastry, S. V., & **Khan, M. A.*** (1998). Aqueous based polymeric dispersion: Plackett–Burman design for screening of formulation variables of atenolol gastrointestinal therapeutic system. *Pharmaceutica Acta Helveticae*, 73(2), 105-112.
36. Sastry, S. V., Wilber, W., Reddy, I. K., & **Khan, M. A.*** (1998). Aqueous-based polymeric dispersion: preparation and characterization of cellulose acetate pseudolatex. *International journal of pharmaceutics*, 165(2), 175-189.
37. Kommuru, T. R., **Khan, M. A.**, Ashraf, M., Kattenacker, R., & Reddy, I. K. (1998). A simplified chromatographic method for quantitative determination of Coenzyme Q 10 in dog plasma. *Journal of pharmaceutical and biomedical analysis*, 16(6), 1037-1040.
38. Reddy, I.K., B. Ross, W.H., **Khan, M.A.**(1999). “Diabetes Mellitus: Symptoms, Complications, and Clinical Management,” *Drug Store News*, p22-26.
39. Kommuru, T.R., **Khan, M.A.**, and I. Reddy, I.K. (1999). “Powder Patterns of Enantiomers and Racemate of Ketoprofen,” *Powder Diffraction File*, 87:833.
40. Ross, W. H., Lawrence, L. W., Reddy, I. K., Dick, R. M., Roane, D. S., Schulte, M. K., **Khan, M.A.**, Olivier, K.J., & Sponberg, L. A. (1999). Implementation of a new course with a focus on active learning through integrated curricular approach: Pharmacy Care Laboratory I. *Journal of Pharmacy Teaching*, 7(2), 15-34.
41. Kommuru, T. R., Ashraf, M., **Khan, M. A.**, & REDDY, I. K. (1999). Stability and bioequivalence studies of two marketed formulations of coenzyme Q10 in beagle dogs. *Chemical and pharmaceutical bulletin*, 47(7), 1024-1028.
42. **Khan, M.A.***, Agarwal, V., Vaithiyalingam, S.R., Nazzal, S., Reddy, I.K., and Sastry, S.V. (1999). Osmotically-Controlled Oral Dosage Form of a Dipeptide: Screening of Formulation Variables. *Control. Rel. Bioac. Mater.*, 26, 980-981.
43. **Khan, M.A.***, Vaithiyalingam, S.R., Agarwal, V., Nazzal, S., Reddy, I.K., and Sastry, S.V. (1999). Effect of Temperature and Humidity on Long Term Storage of

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