

# ***Biography***

***Reza Fassihi, B. Pharm., Ph.D., AAPS Fellow  
Professor of Biopharmaceutics and Industrial Pharmacy***

Dr. Fassihi is a professor of biopharmaceutics and industrial pharmacy at Temple University, School of Pharmacy, where he has taught and done research in the pharmaceutical sciences since 1992. He has worked as an assistant professor at Isfahan University (1979-1982), a postdoctoral fellow at Brighton University (1983), a Senior Scientist at Welsh School of Pharmacy (1984), Senior Lecturer at Rhodes University in South Africa (1984-1988). He was Founder and Head of School of Pharmacy, and Professor and Chair of Department, at University of the Witwatersrand in Johannesburg, South Africa (1988-1992), where he was awarded with gold medals by both the Academy of Pharmaceutical Sciences and the Society of Cosmetic Chemists.

In 1991 he was a visiting professor at Cincinnati University and in 1992 he joined Temple University, School of Pharmacy, where he has served as professor, director of graduate programs, chair of various university committees and professional organizations. He has been an invited speaker at various professional meetings, FDA and pharmaceutical conventions and has presented seminars and workshops nationally and internationally and is a member of numerous societies. Dr. Fassihi has authored or coauthored more than 130 peer-reviewed professional papers on topics related to the relationship between the physicochemical characteristics of drugs and their biological effect, with an emphasis on design, development, evaluation (*in-vitro and in-vivo*), optimization and scale-up operations of oral dosage forms, controlled release drug delivery and dispersed systems. His research also has focused on an in-depth analysis and understanding of colloidal systems, solid state pharmaceuticals, preformulation, excipient characterization, particulate systems, polymers, surfactants, solubilizers and application of biopharmaceutics in design of novel and advanced drug delivery systems and drug product performance.

He has trained many professional Pharm.D. and M.S. graduate students. He has mentored 27 Ph.D. students as well as visiting scholars and postdoctoral fellows addressing the core principles of pharmaceuticals and biopharmaceutics in drug product development, drug performance, drug therapy, dissolution issues, extended release systems and regulatory requirements etc. His research explores the challenges and paradigms of advanced drug delivery systems. He has numerous chapters in books, holds 9 US patents and has over 360 abstracts and presentations. He is a member of several professional organizations including the AACP, ACS, HPA, AAPS and CRS and is a Fellow of American Association of Pharmaceutical Scientists.

He acts as consultant to the pharmaceutical industry and government agencies and has served as an expert witness on development and use of drugs and issues related to drug formulations, dissolution characteristics, modified release systems and bioavailability and bioequivalence issues. He received the B. Pharm. (honors) (1974) Punjab University and Ph.D. (1978) from Brighton University in England and was awarded a gold medal for his research work.