

Rahmat M. Talukder, R.Ph., Ph.D.

Ben and Maytee Fisch College of Pharmacy

The University of Texas at Tyler

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Tyler, TX 75799

ACADEMIC APPOINTMENTS:

June 2014 – Present

Chair & Associate Professor, Department of Pharmaceutical Sciences

Ben and Maytee Fisch College of Pharmacy, UT Tyler, TX

May 2012 – June 2014

Associate Professor & Chair, Department of Pharmaceutical Sciences

School of Pharmacy, West Coast University, Los Angeles, CA

Aug. 2010 – May 2012

Associate Professor of Pharmaceutical Sciences

College of Pharmacy, Southwestern Oklahoma State University, Weatherford, OK

Jan. 2005 – July 2010

Assistant Professor of Pharmaceutical Sciences

College of Pharmacy, Southwestern Oklahoma State University, Weatherford, OK

Teaching responsibilities: Pharmaceutics, Biopharmaceutics, Compounding and Dispensing Laboratories, and Controlled Release Drug Delivery Technology (An elective).

Summer 2001, 2002, & 2003

Health Career Opportunity Program, Temple University, PA

Instructor: Pharmaceutical Calculations for students entering into PharmD program at Temple University School of Pharmacy.

PROFESSIONAL EXPERIENCE:

Feb. 2001-Dec. 2004

Pharmacist

Jeanes Hospital, Philadelphia, PA

March 1991-Aug 1998

Pharmacist

Genovese Drug Stores Inc., Melville, NY

Dec. 1990-March 1991
Assistant to the Director of Regulatory Affairs
Pfizer Pharmaceuticals, New York, NY

EDUCATION AND TRAINING:

The Academy for Department Chairs,
American Council on Education (ACE)
Long Beach, CA, 2013

Assessment and Accreditation Management System (AAMS)
American Association of Colleges of Pharmacy (AACCP)
Chicago, IL 2011

Site Evaluator Training
Accreditation Council for Pharmacy Education (ACPE)
Chicago, IL 2009

Temple University School of Pharmacy, Philadelphia, PA
Ph.D. in Pharmaceutics, 2005

St. John's University, Queens, NY
B.S. in Pharmacy with Honor, 1991

RESEARCH GRANTS AND CONTRACTS:

2011. Development of Phospholipid solid dispersions with improved gastric tolerance of NSAIDs. Grant proposal submitted to OK INBRE for 2012-2013

2010. Southwestern Oklahoma State University (SWOSU) (Internal) – Equipment grants

2010. In-vitro evaluation of the effects of alcohol on drug release from various types of oral modified release dosage systems. Grant proposal submitted to OK INBRE for 2010-2011 (Unsuccessful).

2009-2010 – SWOSU – A Preliminary Study on the Effects of Ethanol on Dissolution of Selected Modified Release Dosage Forms. **Completed**

2007- 2008 Aqualon Pharmaceuticals and SWOSU - Asymmetric press-coated matrix system for near zero-order sustained drug release (Aqualon provided us with raw materials, chemicals, and technical assistance.). **Completed**

2006-2007 Aqualon Pharmaceuticals and SWOSU - Solid State and Dissolution Rate Characterization of Poorly Soluble Drugs in Presence of a Hydrophilic Carrier (Aqualon provided us with raw materials, chemicals, and technical assistance). **Completed**

2006 SWOSU (Internal) – Equipment (dissolution apparatus) grants.

PROFESSIONAL LICENSURE:

Registered Pharmacist in the states of NY, CT (inactive), PA, OK, & TX

PUBLICATIONS:

Hussain, MD. Saxena, V. Brausch, JF. **Talukder, R.**

Ibuprofen-phospholipid solid dispersions: improved dissolution and gastric tolerance. *Int J Pharm.* 2012; 422(1-2):290-4. DOI: 10.1016/j.ijpharm.2011.11.011.

Talukder, R. Reed, C. Dürig, T. Hussain, MD.

Dissolution rate and solid state characterization of poorly water-soluble drugs in presence of a hydrophilic carrier. *AAPS PharmSciTech.* 2011; 12(4):1227-33. DOI: 10.1208/s12249-011-9697-8

Talukder, R & Pray, S

Automated External Defibrillators in Community Setting. *US Pharmacist.* 2009. 34(2):12-15

Talukder, R & Fassihi, R.

Development and in-vitro evaluation of a colon-specific controlled release drug delivery system. *Journal of Pharmacy and Pharmacology,* 2008. 60(10):1297-1303.

Talukder, R. & Fassihi, R. Gastroretentive Delivery Systems (GRDS): A Mini Review. *Drug Development and Industrial Pharmacy.* 2004, 30(10), 1019-1028.

Talukder, R. & Fassihi, R. Gastroretentive delivery systems: Hollow beads. *Drug Development and Industrial Pharmacy.* 2004, 30(4), 405-412.

Talukder, R. & Toscani, M. Fluconazole: A New Systemic Antifungal. *The Journal of Osteopathic Medicine.* 1990, 4(9), 16-17.

TEXT BOOK/ BOOK CHAPTERS:

Under contract:

Talukder, R. *Basic Pharmaceutics*. Jones & Bartlett Learning. Sudbury MA

Talukder, R. Khan, MOF. Hussain, MD. Chapter 8. Drug Metabolism in *Medicinal Chemistry for Pharmacy Students*. Jones & Bartlett Learning. Sudbury MA

REFERRED ABSTRACTS:

Talukder, R. Connelly, K. Dürig, T. & Fassihi, R.
Dissolution Rates Enhancement of Raloxifene HCl Using Binary PEG Mixtures. Poster *American Association of Pharmaceutical Scientists Annual Meeting*, Washington, DC, 2011

Talukder, R. Garman, T., & Dürig, T.
Influence of soluble and insoluble excipients on drug release from hydroxypropyl methylcellulose tablets. Poster *American Association of Pharmaceutical Scientists Annual Meeting*, New Orleans, 2010

Talukder, R., Pilkington, M, & Shahrzad, M.
Evaluation of the Effects of Ethanol on Dissolution of Various Types of Modified Release Dosage Forms. Poster *American Association of Pharmaceutical Scientists Annual Meeting*, Los Angeles, 2009

Talukder, R., Miller, L., & Dürig, T.
Asymmetric press-coated matrix system for near zero-order sustained drug release. Poster *American Association of Pharmaceutical Scientists Annual Meeting*, Atlanta, 2008

Talukder, R., Reed, C., & Dürig, T.
Solid State and Dissolution Rate Characterization of Poorly Soluble Drugs in Presence of a Hydrophilic Carrier. Poster. *American Association of Pharmaceutical Scientists Annual Meeting*, San Diego, 2007

Talukder, R., Wu, Y., Jamzad, S., & Fassihi, R.
Drug solubility character and release from controlled release polymer based matrices: An analysis of front(s) movement on dissolution rate. Poster. *American Association of Pharmaceutical Scientists Annual Meeting*, San Diego, 2007

Talukder, R & Fassihi, R.
Development of a Dual Coated (Rupturable) Matrix System for Colon Targeting. Poster. *American Association of Pharmaceutical Scientists Annual Meeting*, San Antonio, 2006

Talukder, R & Fassihi, R.

Development of a Delivery System with Controlled Onset and Release Rate for Targeting Distal Intestine and Colon. Poster. *American Association of Pharmaceutical Scientists Annual Meeting*, Maryland, 2004

Talukder, R., Johnson, M., Turner, S., & Fassihi, R.

Influence of Polyethylene Oxide Molecular Weight on Release Kinetics of a Class II Drug: 4-Androstene-3,17-dione. Poster. *American Association of Pharmaceutical Scientists Annual Meeting*, Utah, 2003.

Talukder, R & Fassihi, R

Development of Controlled Release Hydrophilic Matrix Tablets for Topical Colonic Delivery of 5-Aminosalicylic Acid. Poster. *American Association of Pharmaceutical Scientists Annual Meeting*, Toronto, 2002

Talukder, R & Fassihi, R

Development of a Gastroretentive Hollow Bead Delivery System. Poster. *American Association of Pharmaceutical Scientists Annual Meeting*, Toronto, 2002.

Talukder, R & Fassihi, R

Role of Lubrication Efficiency on Release Reproducibility from Dry Blend and Wet Granulated Low Drug Load Tablets Manufactured on a Rotary Press. Poster. *American Association of Pharmaceutical Scientists Annual Meeting*, Denver, 2001

Talukder, R., Johnson, B., & Fassihi, R.

Determination of Dynamics of Hydration by Tracking Phase Transitions Within a swelling Matrix. Poster. *American Association of Pharmaceutical Scientists Annual Meeting*, New Orleans, 1999

Ahmed, S.U, **Talukder, R.**, Ali, S. & Rohera, B.D.

Comparative Evaluation of Selective Tablet Properties of Dicalcium Phosphate and Microcrystalline Cellulose in Sustained Release Formulation. Poster. *American Association of Pharmaceutical Scientists Fourth Annual Meeting*, Atlanta, GA, 1989

AFFILIATIONS:

American Association of Colleges of Pharmacy (AACCP)

American Association of Pharmaceutical Scientists (AAPS)

PROFESSIONAL REVIEWER:

International Journal of Pharmaceutics
Journal of Pharmacy and Pharmacology
Journal of Bioequivalence and Bioavailability
Drug Development and Industrial Pharmacy
DJD review service for Pharmacy Publications
Remington: The Science and Practice of Pharmacy, 22nd ed.
AAPS PharmSci Tech
AAPS abstract screening

NATIONAL SERVICE:

2008 – Present
Item Writer
North American Pharmacist Licensure Examination (NAPLEX)

2009 – Present
Field Reviewer for ACPE's CE evaluation process
Accreditation Council for Pharmacy Education (ACPE)

2011
Member, ACPE Site Visit Team
Accreditation Council for Pharmacy Education (ACPE)

UNIVERSITY SERVICE:

2012 – 2014	Member, Faculty Promotion & Development Council
2007 – 2012	Member, Research and Scholarly Activity Committee
2009 – 2012	Member, Assessment Committee, College of Pharmacy
2009 – 2012	Member, Faculty Governance Committee, College of Pharmacy
2006 – 2009	Co-Chair, Resources Sub-Committee, College of Pharmacy
2008 – 2012	Faculty Co-advisor, Rho Chi Honor Society, College of Pharmacy,
2009 – 2010	Faculty advisor, NCPA, College of Pharmacy
2008 – 2009	Member, Intellectual Property Committee
2006 – 2008	Member, Faculty Development Committee

AWARDS:

2009: AABPS Research Achievement Award

2003: Travel Grants for presenting posters at AAPS
Texture Technologies Corp., NY. & Scolr Inc., WA

1999: Travel Grants for presenting posters at AAPS
Texture Technologies Corp., NY

1998-2000: Teaching Assistantship
Temple University School of Pharmacy

1990: Outstanding undergraduate research activities
St. John's University, NY.