

CURRICULUM VITAE

MOJI CHRISTIANAH ADEYEYE, PH.D

Professor of Pharmaceutics, Manufacturing Science
and Drug Product Evaluation

President

Elim Pediatric Pharmaceuticals

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PROFESSIONAL PROFILE

1. Fellow, Nigerian Academy of Science
2. Academic Research Fellow, American Association of Colleges of Pharmacy (AACCP)
3. J. William Fulbright Senior Specialist, Obafemi Awolowo, University, Ile-Ife, Nigeria
4. First African Woman Fellow, American Association of Pharmaceutical Scientists (AAPS) - Only 3% of academia receives such recognition internationally
5. J. William Fulbright Scholar Award for African Regional Research Program on AIDS and AIDS-Related Research, University of Lagos, Idi-Araba, Lagos and National Institute for Pharmaceutical Research and Development (NIPRD), Idu, FCT, Nigeria
6. Expert in drug development, translational research and regulatory science
7. Expert in pediatric HIV/AIDS pharmaceutical products and clinical trials
8. Organizer and presenter at meetings; and delivered seminars on drug shortage and role of non-active ingredients in pharmaceutical products to international audience (including FDA and pharmaceutical companies) at AAPS conferences
9. Author of 60 peer-reviewed research articles, 8 book/book chapters, and books
10. Inventor and author of 6 patents
11. Presenter of over 150 research and scholarly work at national and international meetings
12. Supervisor of 12 MS and 7 PhD students
13. Co-advisor of 18 graduate students as research committee member
14. Innovator in new program development – built Biopharmaceutical Sciences department at Roosevelt University College of Pharmacy (RUCOP), hired faculty, built research laboratories, procured equipment to enhance the capacity of the faculty members and engage community stakeholders (pharmaceutical and biotechnology companies) as advisory board, collaborators and student mentors
15. Successfully directed FDA, Nigeria's NAFDAC and NHREC-approved Phase I clinical trial (Bioequivalence) of pediatric ARV drugs at Baptist Medical Center, Ogbomoso (now Bowen University Teaching Hospital)
16. Created Research Advisory Council at RUCOP to facilitate collaboration with the pharmaceutical industry in teaching, research and student mentoring

EDUCATION, POSITIONS, CONSULTANCY AND AWARDS

EDUCATION

Institution/Location	Degree	Year
University of Nigeria, Nsukka, Nigeria	B. Pharm	1976
Pharmaceutics, University of Georgia, Athens, GA, USA	M.S	1985
Pharmaceutics, University of Georgia, Athens, GA, USA	PhD	1988

ACADEMIC AND ADMINISTRATIVE POSITIONS

2014 - 2017	Faculty Trustee, Roosevelt University Board
2010 - 2018	Professor of Pharmaceutics, Manufacturing Science and Drug Product Evaluation, College of Pharmacy, Roosevelt University, Schaumburg, IL
2010 - 2017	Chair, Department of Biopharmaceutical Sciences, College of Pharmacy, Roosevelt University, Schaumburg, IL
2003–2010	Professor of Pharmaceutics and Pharmaceutical Technology, Division of Pharmaceutical Sciences, School of Pharmacy, Duquesne University, Pittsburgh, PA, USA
2009 -	Visiting Professor, Nnamdi Azikwe University, Awka, Anambra State, Nigeria
	<ul style="list-style-type: none">• Delivered lectures to professional pharmacy students in Formulation and Development• Assessed students' learning through formative and summative mechanisms and grading• Presented seminars in Drug Development and Careers in Pharmacy
2009 - 2010	Chair, American Association of Pharmaceutical Scientists (AAPS) Membership Strategic Oversight Committee (MSOC)
2009 -	Fulbright Specialist Visiting Scholar (Global/Public Health) Obafemi Awolowo University, Nigeria,
	<ul style="list-style-type: none">• Taught Formulation and Development and Pharmaceutical Manufacturing to professional pharmacy students• Presented seminars in Drug Development and Careers in Pharmacy)
2006-	Adjunct Professor, Department of Pharmaceutics and Pharmaceutical Technology, Faculty of Pharmacy, University of Lagos, Lagos, Nigeria
2004-2005	Senior Fulbright Scholar, Faculty of Pharmacy, University of Lagos, Idi-Araba, Lagos and National Institute for Pharmaceutical Research and Development, Abuja, FCT
	<ul style="list-style-type: none">• Conducted research on Quality Assurance and Bioequivalence of Anti-retroviral Drugs for Treatment of HIV/AIDS• Taught Formulation and Development and Pharmaceutical Manufacturing; Assessment of learning through exams and grading; Presentation of seminars in Drug Development)
2004-	President, Drugs for AIDS and HIV Patients (DAHP) – a faith based tax-exempt organization. USA)
	Project: Prevention of HIV/AIDS Among Nigerian Youths Prevention of Mother-to-child Transmission and Care for Orphans and Vulnerable Children in Lagos, Osun and Oyo States
1999-2004	President, Nigerian Association of American Pharmaceutical Scientists
1994 -2003	Associate Professor of Pharmaceutics, Duquesne Pittsburgh, PA, USA

- 1989 – 1994 Assistant Professor, Duquesne University, Pittsburgh, PA
 1988 – 1989 Assistant Professor, School of Pharmacy, University of Puerto Rico, San Juan, Puerto Rico
 1979 - 1980 Head of Pharmacy, Baptist Hospital, Ogbomoso, Oyo State, Nigeria
 1976 - 1979 Pharmacist, University College Hospital, Ibadan, Oyo State, Nigeria

CONSULTANCY

Expert Witness in Pharmaceutical Products litigations

- Opinions on the Pharmaceutical Science of Products under Litigation
- Investigative Pharmaceutical Development and Analysis
- Pre-Court Trial Deposition

AWARDS and HONORS

- 2016 Fellow, Nigerian Academy of Science
 2015 Academic Research Fellow, American Association of Colleges of Pharmacy (AACP)
 2013 Recognition Award in Community Partnership, Northwest Illinois Educational Council for Student Success (NECSS)
 • For significant contribution in the field career exploration and technology education of high school students
 2011 Recognition Service Award, AAPS Manufacturing Science Engineering Section
 2009 J. William Fulbright Senior Specialist Candidate, Obafemi Awolowo University, Ile-Ife, Nigeria
 2008 Fellow, American Association of Pharmaceutical Scientists (AAPS)
 2008 Duquesne University Presidential Award for Excellence in Service to the Mission
 2008 Award for Excellence in Service, School of Pharmacy, Duquesne University
 2006- J. William Fulbright Senior Specialist Candidate
 2004-2005 J. William Fulbright Scholar Award for African Regional Research Program on AIDS and AIDS-Related Research
 2003 Duquesne University Presidential Award for Excellence in Scholarship
 2001, 2003 Award for Excellence in Scholarship, School of Pharmacy, Duquesne University
 2003 Award for Excellence in Scholarship, Division of Pharmaceutical Sciences, Duquesne University
 1998 Recognition: Focus Group Member: Capsugel Expert System for Development of Hard Gelatin Capsule Dosage Form
 1991/1992 Marquis Who is Who of American Women
 1985/1986 Award for Excellence in Research Program by a Graduate student, School of Pharmacy, University of Georgia
 1983 Graduate Fellowship, American Association of University Women (AAUW)

INSTRUCTION, SEMINARS AND RESEARCH IN DRUG PRODUCT QUALITY CONTROL, REGULATORY GOOD CLINICAL PRACTICE AND APPROVAL

COURSES/TOPICS TAUGHT TO GRADUATE AND PROFESSIONAL STUDENTS (1988 – PRESENT)

- Drug Delivery and Industrial Pharmacy
- Dosage Formulation and Development (including solid state characterization of excipients, drug-excipient interaction), Modified Release Technology, Excipients, etc.
- Pharmaceutical Manufacturing
 - FDA Current Good Manufacturing Practices,
 - Solid Dosage Forms (Tablets and Capsules) Development
 - Manufacturing and Role of Excipients
 - Safety of Excipients
 - Manufacturing Equipment Cleaning Validation
 - Pharmaceutical Site Inspection and Violation
- Pharmaceutical Unit Processes – Processes used in Solids Development and Influence of Excipients on Manufacturability
- Pharmaceutical Unit Processes - Processes used in Liquids (suspensions, emulsions and solutions)

SEMINARS (ORGANIZED and TAUGHT)

- 1994: Technomic Seminar Series: Pharmaceutical Excipients: Towards the Twenty-First Century, Meadowlands, New Jersey.

1995: Technomic Seminar Series: Pharmaceutical Excipients: Towards the Twenty First Century, Basel, Switzerland.
- 1997 – 2000: Duquesne University Pharmaceutical Seminar Series: Pharmaceutical Unit Processes and Solid Dosage Form Development: Industry and Regulatory Perspectives. Pittsburgh
- 1998 – 2000: Duquesne University Pharmaceutical Seminar Series: Pharmaceutical Unit Processes and Liquids/Semisolids Solid Dosage Form Development: Industry and Regulatory Perspectives. Pittsburgh
- 2005: AAPS 19th Annual Meeting, Nashville, Tennessee, Preformulation and Pharmaceutical Product Development. Symposium Program Planning Committee and Chair.
- 2007: AAPS 21st Annual Meeting, San Diego, November. Drug-Excipient Interaction and Characterization, Roundtable
- 2012: AAPS 26th Annual Meeting, Chicago, Illinois, Overcoming Drug Shortages in the USA. Roundtable/Hot Topic.

2010: ORGANIZED AND CO-TAUGHT GOOD CLINICAL PRACTICE

- Presented part of the following 12 Modules by Clinriad Pharma Services, July 30 & 31 2010, Bowen University teaching Hospital (BUTH), Ogbomoso, Oyo State, Nigeria
- Audience: medical doctors, nurses, social workers of BUTH
 - Ethical Issues in Clinical Research: Development of ICH GCPs
 - The Drug Development Process
 - Roles and Interactions of Key Players in Clinical Research
 - Trial Start-Up Process
 - Essential Documents and Subject records; Subject Recruitment and retention
 - Informed Consent Process; Site Visits
 - Study Coordinator's Responsibilities; Adverse Events and Safety Reporting
 - Institutional review Board
 - Readiness for Sponsor's Audit and regulatory Inspections

DRUG PRODUCT APPROVAL

Investigational New Drug (IND) Application Submission To The FDA

- Zidovudine, Lamivudine, Nevirapine Fixed dose and fast disintegrating tablets for suspension and granules for reconstitution. IND No. - 108,518. 2010
- The IND was submitted in partnership with Elim Pediatric Pharmaceuticals Inc. The emphasis was on optimization of performance (disintegration and taste) of pediatric anti-retrovirals drugs (using various excipients) for the treatment of HIV/AIDS
- **Phase I (Bioequivalence) Clinical Trial** - ClinicalTrials.gov Identifier: NCT01469520
- Submission of NDA (505.b.2) for product registration - In preparation

Investigational New Drug (IND) Application Submission to the National Agency For Food and Drug Administration (NAFDAC), Nigeria

- Zidovudine, Lamivudine, Nevirapine Fixed dose and Fast Disintegrating Tablets for Suspension and Granules for Reconstitution
 - Submitted in partnership with Elim Pediatric Pharmaceuticals Inc. July 2010
- **Phase I (Bioequivalence) Clinical Trial**
- Approval of Clinical Protocol - January 2014
- Request to submit application for registration of imported drugs – May 2014

SUPERVISED GRADUATE STUDENTS AND POST-DOCTORAL ASSOCIATES

- Graduated 12 M.S. and 7 Ph.D. students
- Co-advised 18 other students as research committee member

CAREERS OF FORMER GRADUATE STUDENTS (EXAMPLES)

- Dr. Vinod Vilivalam – Director of Strategic Market and Technical Development, Americas, West Pharmaceutical Services Exton PA
- Dr. Sherif Badawy - Fellow, Bristol-Myers Squibb, Greater New York City
- Dr. Rajiv Janjikhel – Senior Director, Alliance Management, Business Development & Planning, Forest Laboratories, NY

- Dr. Ashwin Jain - Principal Research Scientist. Pfizer Inc.
- Dr. Nkem Chukwumezie - Director, Product Development, Epic Pharma, LLC
- Dr. Lavinia Lewis - Associate Research Fellow, Pfizer Inc.
- Dr. Shobhan Sabnis - Sr. Manager, Global Technology Services, Zoetis
- Dr. Fred Esseku – Manager, Pharmaceutical Development, Catalent Pharma Solutions

POST-DOCTORAL ASSOCIATES

- Dr. Adenike Okunlola – Lecturer, Faculty of Pharmacy, University of Ibadan, Ibadan, Nigeria
- Dr. Nicholas Obitte- Senior Lecturer, University of Nigeria, Nsukka, Nigeria
- Dr. Oladapo Adetunji, Lecturer, University of Ibadan, Ibadan, Nigeria

RESEARCH AND SCHOLARLY ACTIVITIES – PUBLICATIONS AND PATENTS

RESEARCH EXPERTISE

- Preformulation
 - Early Phase Solid and Liquid State Characterization
 - Drug and Excipient Characterization
 - Forced Degradation
 - Analytical and Bio-analytical Method Development
- Drug Product Development - Solids, Liquids, Ophthalmics, Parenterals (Injections)
- Pediatric Product Development
- Manufacturing and Scale-up
- Excipient Functionality, Technology and Safety
- Stability and Compliance to International Standards
- Translational Research and Clinical Trials
- Herbal Supplement Formulation Development and Evaluation

PUBLICATIONS - BOOKS, BOOK CHAPTERS AND RESEARCH ARTICLES

Books/ Book Chapters

- 1. Christianah Moji Adeyeye** and Pui-Kai Li. Diclofenac Sodium (Non steroidal anti-inflammatory drug): in Analytical Profile of Drug Substances, (Ed. K. Florey] Academic Press, 19, 123-144 (1991). **ISBN: 0-12-2608194**
- 2. Christianah Moji Adeyeye** and Eugene Barabas, Polyvinylpyrrolidone (Povidone). Analytical Profiles of Drug Substances and **Excipients**, (Ed. H. Brittain) Academic Press, 22, 555 - 686 (1993) **ISBN: 0-12-260822-4**
- 3. Eugene Barabas** and **Christianah Moji Adeyeye**, Crospovidone, Analytical Profiles of Drug Substances and Excipients, (Ed. H. Brittain), Vol. 24, Academic Press (1996) **ISBN:0-12-260824-0**

4. **Moji Christianah Adeyeye**, Use of Chiral Excipients in Enantiomeric Formulations in Chirality in Drug Design and Development. Eds: Indra Reddy and Reza Mehvar. Marcel Dekker Inc. Publisher (1996): **ISBN:0-8247-5062-4**.
5. **Preformulation in Solid Dosage Form Development**, Eds. **Moji Christianah Adeyeye** and Harry G. Brittain. Informa Healthcare Publisher. 2008. ISBN: 9780824758097
6. Drug-Excipient Interaction Occurrences During Solid Dosage Form Development in Preformulation in Solid Dosage Form Development, Eds. **Moji Christianah Adeyeye** and Harry G. Brittain. Informa Healthcare Publisher. 2008. **ISBN: 9780824758097**
7. Adeyeye, Moji: Out of Mouths of Children and What Adults (Everyone) Should Know About HIV/AIDS. Book Craft Publisher, Ibadan, Nigeria. 2005: **ISBN 978203056-2**
8. Hard Shell Capsules in Clinical Trials: In Pharmaceutical Dosage Forms: Capsules. **Moji Christianah Adeyeye** and Amusa Adebayo. L. Augsbuger and S. Hoag (eds.), Taylor and Francis Group, Boca Raton, FL. 2017. *In Press*.

RESEARCH ARTICLES

9. **Christianah Moji Adeyeye** and James C. Price. Effect of Dextrose Concentration in the Internal Aqueous Phase on Formation and Stability of W/O/W Multiple **Emulsions**. Drug Dev. Ind. Pharm., 16 (6): 1053-1071 (1990)
10. **Christianah Moji Adeyeye** and James C. Price. Effect of Surfactant Concentration and Type on the Formation and Stability of W/O/W Multiple **Emulsions**: Microscopic and Conductometric Evaluations. Drug Development and Industrial Pharmacy, Drug Dev. Ind. Pharm. 17 (5), 725-736 (1991)
11. **Christianah Moji Adeyeye**, and James C. Price, Development and Evaluation of **Sustained Release Ibuprofen-Wax Microspheres**: I Effect of Formulation Variables on the Physical Characteristics. Pharm. Res., 8 (11), 1377-1383 (1991)
12. Vinod Vilivalam and **Christianah Moji Adeyeye**, Development and in vitro Dissolution of Diclofenac Microspheres and **Tableted (Wax) Microspheres**. J. Microencapsulation, 2(4), 455-470 (1994)
13. **Christianah Moji Adeyeye** and James C. Price. Development and Evaluation of Sustained Release Ibuprofen - Wax Microspheres: II. In Vitro Dissolution Studies, Pharm. Res. 11(4), 575-579 1994
14. **Christianah Moji Adeyeye**, Jenny M. Rowley, Donatus Madu, Mehran Javadi and Shobhan S. Sabnis, Evaluation of Crystallinity and Drug release Stability of Directly Compressed Theophylline-Hydrophilic Matrix **Tablets** Stored under Varied Moisture Conditions. Int. J. Pharm. 116, 65-75 (1995)
15. Sherif Farag Badawy, M. Mahmoud Ghorab and **Christianah Moji Adeyeye**, Characterization and Bioavailability of Danazol-hydroxypropyl- β -cyclodextrin **Coprecipitates**. Int. J. Pharm., 45-54 (1996)

16. **Christianah Moji Adeyeye**, Jennifer Lesher and Sherif Badawy, Hygroscopicity and Stability of Danazol-Cyclodextrin Inclusion Complexes. *Int. J. Pharm. Advances*, 1(4), 419-428, April 1996
17. **Christianah Moji Adeyeye**, J. Douglas Bricker and Vinod Vilivalam and W. Smith, Acute Gastrointestinal Toxic Effects of **Suspensions of Unencapsulated and Encapsulated Ibuprofen (Wax-Microspheres)** in Rats. *Pharm Res.* 13(5), 784-793 (1996)
18. Sherif I. Farag Badawy, Mandy Marshall, Mahmoud M. Ghorab and **Christianah Moji Adeyeye**, Evaluation of Sulfobutylether Derivatives of Cyclodextrins as Solubility and Dissolution Enhancers of Danazol: *Drug Develop. Ind. Pharm*, 22 (9 and 10), 959-966 (1996)
19. **Peter Wipf**, Wenjie Li, Christianah Moji Adeyeye, James M. Rusnak and John Lazo, Synthesis of Chemoreversible Prodrugs of Ara-C with Variable Time-Release Profiles. Biological Evaluation of their Apoptotic Activity: *Bioorganic and Medicinal Chemistry* Vol. 4, No. 10, pp. 1585-1596 (1996)
20. Sherif I. Farag Badawy, Mahmoud M. Ghorab and **Christianah Moji Adeyeye**, Bioavailability of Danazol-Hydroxypropyl - β - Cyclodextrin **Complex** by Different Route of Administration: *Int. J. Pharm.* 145, 137-143 (1996)
21. **Christianah Moji Adeyeye** and James C. Price, Dissolution Stability and Microscopic Evaluation of Aged Suspensions of Sustained Release Ibuprofen-**Wax Microspheres**. *J. Microencapsulation*, Vol. 14 (3) 357-377 (1997)
22. Rajiv K. Janjikhel and **Christianah Moji Adeyeye**, Stereospecific Formulation and Characterization of Sustained Release Ibuprofen Microspheres: *J. Microencapsulation*, Vol 14 (4), 409-426 (1997)
23. **Hideki Ichikawa**, Yoshinobu Fukumori and Christianah Moji Adeyeye, Design and Preparation of Prolonged Release Microcapsules Containing Diclofenac Sodium Applicable for **Suspensions**. *Int. J. Pharm.* 156, 39-48 (1997)
24. **Christianah Moji Adeyeye** and Fen-Fang Chen, Stereoselective Disposition of Suspensions of Conventional and Wax-matrix Sustained Release (Wax) Microspheres of Ibuprofen in Rats: *12(14)*, *Pharm. Res.* (1997)
25. Lavinia Lewis, R. Boni and **Christianah Moji Adeyeye**, Effect of Emulsifier Blend on the Characteristics of Sustained Release Diclofenac (Wax) Microspheres: *15(3) J. Microencapsulation* 283-298 (1998)
26. Lavinia Lewis, Christianah Moji Adeyeye and **R. Boni**. The Physical and Chemical Stability of **Suspensions** of Sustained Release Diclofenac (Wax) Microspheres: *J. Microencapsulation* 15(5), 555-567 (1998)
27. Shobhan Sabnis and **Christianah Moji Adeyeye**, Controlled Release Hydrophilic **Tablets** for Individualized Theophylline Therapy, *Drug Dev. Ind. Pharm* 25(2), 187-196 (1998)
28. Rajiv Janjikhel and **Christianah Moji Adeyeye**, Dissolution of Ibuprofen Enantiomers from Coprecipitates and **Suspensions** Containing Chiral Excipients. *Drug Develop. and Technol.* 4(1) 9-17 (1999)

29. Rajiv Janjikhel and **Christianah Moji Adeyeye**, Stereoselective Disposition of Ibuprofen Enantiomer Sustained Release Microspheres in Rats. Part I: **Bioavailability** Considerations. *Drug Delivery* 6(3), 153-162 (1999)
30. Rajiv Janjikhel, J. Douglas Bricker, D. Borochoviz and **Christianah Moji Adeyeye**, Stereoselective Disposition of Ibuprofen Enantiomer Sustained release Microspheres in Rats. Part II: Acute Gastrointestinal Toxicity. *Drug Delivery* 6(3), 163-170 (1999)
31. **Nkere Ebube**, G. Owusu Ababio and Christianah Moji Adeyeye, Preformulation Studies and Characterization of the Physicochemical Properties of Polymers Using Artificial Neural Network. *Int. J. Pharm.* 196, 27-35, 2000
32. Ashwinkumar Jain and **Christianah Moji Adeyeye**, Characterization of Various Substituted Sulfobutyl Ether- β Cyclodextrin Inclusion **Complexes**, *Int. J. Pharm* 212, 177-186, 2001
33. Mohamed Ghorab and **Moji Christianah Adeyeye** Enhancement of Ibuprofen Dissolution via **Wet Granulation** with β -Cyclodextrin. *Pharm. Develop. and Technology* 6(3), 303-312 (2001)
34. Mohamed Ghorab and **Moji Christianah Adeyeye**, Elucidation of Solution State Complexation in **Wet-Granulated Oven-dried** Ibuprofen and β -Cyclodextrin: FT-IR and $^1\text{H-NMR}$ Studies, *Pharm. Develop. and Technology* 6(3), 313-322 (2001)
35. Hideki Ichikawa, Kazuhiro Fujioka, Christianah Moji Adeyeye and Yoshinobu Fukumori, Use of Ion-exchange Resins to Prepare 100 μm -sized Microcapsules with Prolonged Drug-release by the Wurster Process, *Int. J. Pharm.* 216, 767-76 (2001)
36. **Moji Christianah Adeyeye**, **Roller Compaction** and Milling Pharmaceutical Unit Processes, *American Pharm. Review*. Part I. November/Winter 2000. **Invited**
37. Beatrice Nkem Chukwumezie, Mark Wojcik, Paul Malak and **Moji Christianah Adeyeye**, Feasibility Studies in Spheronization and Scale-up of Ibuprofen **Microparticulates Using the Rotor Disk Fluid-bed Technology**. *PharmSci. Tech.* 2002; 3(1) Article 2, 1-13. <http://www.aapspharmscitech.org>
38. **Christianah Moji Adeyeye**, Ashwinkumar Jain, Mohamed K. Ghorab and William J. Reilly, Viscoelastic Evaluation of Hydrocortisone Topical creams Containing Microcrystalline Cellulose/Sodium Carboxymethyl Cellulose (Avicel® CL-611) as Stabilizer. *PharmSci. Tech.* 2002; 3(2) Article 7, 1-10. <http://www.aapspharmscitech.org>
39. Ashwinkumar Jain, Bruce Aungst and **Moji Christianah Adeyeye**, Development and In-vivo Evaluation of Buccal Tablets Prepared Using Danazol-Sulfobutylether- β -Cyclodextrin 7 (SBE 7) Complexes *J. Pharm. Sci.* 91(7): 1659-1668 (2002)
40. Mohamed Ghorab and **Moji Christianah Adeyeye**, Enhanced bioavailability of Process-Induced fast Dissolving **Ibuprofen Co-granulated** with β -Cyclodextrin, *J. Pharm. Sci.*, 92(8), 2003

41. **V. J. Bijlani**, C. Anderson, C. M. Adeyeye and J. K. Drennen III, Use of Near-Infrared Spectroscopy to Monitor Blend Uniformity and Hardness of Roller Compacted Briquettes. V. J. Bijlani, C. Anderson, C. M. Adeyeye and J. K. Drennen III. NIR News, 14(6) 2003
42. Beatrice Nkem Chukwumezie, Mark Wojcik, Paul Malak, Frank D'Amico and **Moji Christianah Adeyeye**, Factorial Design in the Spheronization of Ibuprofen **Microparticulates Using Rotor Disk Fluid-Bed Technology**, Pharm. Development and Technol. Vol. 9(1), pp. 49-62, 2004
43. **John P. Gibbs**, Moji Christianah Adeyeye, Ziping Yang and Danny D. Shen, Valproic Acid Uptake by Bovine Brain Microvessel Endothelial Cells: Role of Active Efflux Transport. Epilepsy Research, 58 (2004) pp. 53-66
44. **Adeyeye**, MC; Mwangi, E.; Katondo, B.; Jain, A.; Ichikawa, H.; Fukumori, Y. Dissolution stability studies of suspensions of prolonged-release (ion-exchange resins) diclofenac microcapsules prepared by Wurster process: 1. Eudragit-based formulation and possible drug-excipient interaction. Journal of Microencapsulation. Vol: 22 NO: 4, 333-342, 2005
45. **Adeyeye**, MC; Mwangi, E., Fujioka, K; Ichikawa, H., Fukumori, Y., Suspensions of prolonged-release diclofenac-Eudragit® and ion-exchange resin microcapsules: II. Improved dissolution stability. II, Improved Dissolution Stability. Journal of Microencapsulation. Vol: 22 NO: 4, 343-353, 2005
46. Vishal Bijlani, Domotiere Yuonayel, Sabitha Katpally, Beatrice Nkem Chukwumezie, and **M. C. Adeyeye**, Monitoring Ibuprofen Release **from (Avicel-based) Multi-particulates: In-situ Fiber Optic Technique versus the HPLC Method**. A Technical Note. AAPS PharmSciTech, 2007; 8 (3) Article 52 (<http://www.aapspharmscitech.org>)
47. Mohamed K. Ghorab and **Moji Christianah Adeyeye**. **High Shear Mixing Granulation** of Ibuprofen and β -Cyclodextrin: Effects of Process Variables on Ibuprofen Dissolution. AAPS PharmSciTech 2007; 8 (4) Article 84 (<http://www.aapspharmscitech.org>).
48. Fredrick Esseku, Mark Leshner, Vishal Bijlani, Samantha Lai, Ewart Cole and **Moji Adeyeye**, The Effect of **Overencapsulation on Disintegration and Dissolution** Pharmaceutical Technology Volume 34, Issue 4, pp. 104-111, 2010
49. A. Joshi, F. Esseku, L. Silva, C. Igwilo, D. Oqua, B. Kunle, O. Obodozie, U. Inyang and **Moji C. Adeyeye**, Post-marketing In-vitro/in-vivo Assessment of Fixed Dose Combination Products of **First Line Antiretrovirals**. J. Pharm. Sci, 99(6):2655-63, 2010
50. Udaya K. Kotreka and **Moji Christianah Adeyeye**. Gastro-Retentive Floating Drug Delivery Systems: A Critical Review. Critical Reviews in Therapeutic Drug Carrier Systems, 28(1), 47-99, 2011
51. Fredrick Esseku and **Moji Christianah Adeyeye**. Bacteria and pH-sensitive polysaccharide-polymer films for colon targeted delivery. Crit Rev Ther Drug Carrier Syst 2011; 28(5):395-445.
52. Frederick Esseku, Anjali Joshi and **Moji Christianah Adeyeye**, Paediatric HIV/AIDS Drug Formulation Development In Academic Institutions As A Cost Reduction Strategy. International Pharmacy Pharmaceutical Federation Journal, Vol 27, No. 3 December 2011

53. Anjali Joshi and **Moji Christianah Adeyeye**, Reversed Phase LC-UV Method Development and Validation for Simultaneous Determination of Three Antiretroviral: Lamivudine, Zidovudine, Nevirapine and Possible Degradants in a Fixed Dose Pharmaceutical Product. *Pharmaceutical Technology & Drug Research* 2012 1: 4 (24 April 2012). <http://www.hoajonline.com/jptdr/1/1/4>
54. Fredrick Esseku, Anjali Josh, Yemisi Oyegbile, Grace Edowhorhu, Daniel Gbadero, and **Moji Adeyeye**, A Randomized Phase I Bioequivalence Clinical Trial of a **Pediatric Fixed-Dose Combination Antiretroviral Reconstitutable Suspension** in Healthy Adult Volunteers. *Antiviral Therapy*. 2012. doi: 10.3851/IMP2310. <http://www.intmedpress.com/journals/avt/abstract.cfm?id=2310&pid=48>
55. **Nicholas C Obitte** , Lisa C Rohan Christianah M Adeyeye, Michael A Parniak and Charles O Esimone, The utility of self-emulsifying oil formulation to improve the poor solubility of the anti HIV drug CSIC. *AIDS Research and Therapy* 2013, 10:14 doi:10.1186/1742-6405-10-14.
56. **N. C. Obitte**, L. C. Rohan, C. M. Adeyeye and C. O. Esimone, Optimized Artemeter-loaded Anhydrous Emulsion, *British Journal of Pharmaceutical Research* 4(1): 37-59, 2014
57. Adenike Okunlola, Sarafadeen Amusa Adebayo and **Moji Christianah Adeyeye**, Solid State Characterization of Two Tropical Starches Modified by Pregelatinization and Acetylation: Potential as Excipients in Pharmaceutical Formulations. *British Journal of Pharmaceutical Research*, 5 (1): 2231-2919. 2014
58. Joshi, A., Gbadero, D., Esseku, F., Adesanya, O. J. and **Adeyeye, M. C.** (2016), A randomized two-way crossover bioequivalence study in healthy adult volunteers of paediatric zidovudine/lamivudine/nevirapine fast-disintegrating fixed-dose combination tablet. *J Pharm Pharmacol*. doi:10.1111/jphp.12666
59. Adenike Okunlola, Sarafadeen Amusa Adebayo and **Moji Christianah Adeyeye**. Design of Repaglinide Microspheres Using Novel Acetylated Starches of Bitter and Chinese Yams as Polymers. *International Journal of Biological Macromolecules*, **Volume 94, Part A**, January 2017, Pages 544–553. <http://dx.doi.org/10.1016/j.ijbiomac.2016.10.032>
60. Udaya K. Kotreka, Vicki L. Davis and **Moji C. Adeyeye**. Development of In Situ Gel-Forming Estradiol Eye Drops Intended for The Prevention of Age-Related Cataracts: Part I: Formulation Development and Stability Evaluation. Accepted for Publication. *PLOS ONE Journal* 2017. PONE-D-16-45134R2. **In Press**

SUBMITTED MANUSCRIPT

Moji Christianah Adeyeye, PhD; Daniel A Gbadero, MD; Lawrence Farayola; Nikolaos Olalere, BS; Ravikiran Panakanti, PhD; Ibraheem Rajab, MS; Sinni Moozhayil, MS; Corinne Renault; Brandon Swinford; Magdalena Bujok. Evaluation of an Undocumented Polyherbal (Faradin®) used for the Treatment of Sickle Cell Disease in West Africa. Part I: Phytochemistry and Ex-Vivo Anti-Sickling Study. *BMC Complementary and Alternative Medicine*. BCAM-D-16-01389

MANUSCRIPTS IN PREPARATION

1. Development of In Situ Gel-Forming Estradiol Eye Drops Intended for The Prevention of Age-Related Cataracts: Part II: In Vivo Evaluation of Ocular Irritation and Pharmacokinetics in Rabbits. Udaya K. Kotreka Vicki L. Davis and, **Moji C. Adeyeye**
2. Age-appropriate Pediatric Pharmacokinetic Prediction for Fixed Dose Combination (FDC) of Lamivudine, Nevirapine and Zidovudine using Adult Data obtained in a Phase 1 Clinical Trial. Amusa S. Adebayo, Anjali Joshi, Fred Esseku, Ravi Panakanti, Ruth Adewuya and **Moji C. Adeyeye**

PATENTS

1. **Christianah Moji Adeyeye**, Hideki Ichikawa and Yoshinobu Fukumori, Method of Treating a Patient with a **Prolonged Time-Release Drug and the Drug** Itself, U.S. Patent No. 6,156,340, December 5, 2000
2. **Christianah Moji Adeyeye** and Ashwin Jain, **Controlled Release Pharmaceutical Preparation** for Treatment of Endometriosis and Fibrocystic Breast Disease., U.S. Patent No. 6, May, 2003
3. **Christianah Moji Adeyeye**, Anjali Joshi and Fred Esseku **Anti-retroviral Drug Formulations** for Treatment of Children Exposed to HIV/AIDS. PCT/US2009/031285
 - a. Assigned UK Patent – GB 2479494. 2012
 - b. Assigned US Patent Application – 12/863,111
 - c. Assigned South Africa Patent Application – 2010/05070
4. **Christianah M Adeyeye**, Vicki L Davis, Udaya Kotreka. (2011). In situ gel ophthalmic drug delivery system of estradiol or other estrogen for prevention of cataracts. United States patent US 2011 US Patent 8,679,511

PRESENTATIONS

Presented over 150 Scientific Papers Nationally and Internationally, Including Invited Presentations.

INVITED SCIENTIFIC PRESENTATIONS/ACTIVITIES

1. Pittsburgh Chemist Club, January 25, 1994, Pittsburgh, Christianah Moji Adeyeye, “The Role of Moisture on the Crystallinity and Drug release Stability of Directly Compressed Theophylline-hydrophilic Matrix Tablets”
2. Duquesne University, School of Pharmacy, Departmental Seminar, February, 1994, Christianah Moji Adeyeye, “The Role of Moisture on the Crystallinity and Drug release Stability of Directly Compressed Theophylline-hydrophilic Matrix Tablets”
3. Obafemi Awolowo University, Ile-Ife, Nigeria, April 13, 1994, “Development and in vitro Dissolution of Diclofenac Microspheres and Tableted Microspheres”

4. Technomic Seminar Series, Meadowlands, New Jersey, May 24 and 25, 1994 - Christianah Moji Adeyeye, "Pharmaceutical Excipients: Towards the Twenty-First Century, Seminar Organizer and Speaker"
5. Material Science and Engineering, University of Pittsburgh, April 6, 1995, Pharmaceutics Research, Material Science and Engineering". Christianah Moji Adeyeye
6. National Organization for Drug Control and Research (NODCAR), Cairo Egypt, April 19, 1995, "Biotechnology and Pharmacy (Pharmaceutics)", Christianah Moji Adeyeye
7. National Organization for Drug Control and Research (NODCAR), Cairo Egypt, April 19, 1995, "Apoptotic Effects of Cytosine Arabinoside (ARA-C) Prodrugs in Leukemic Cancer (HL-60) Cells", Christianah Moji Adeyeye
8. Memphis Chemical Company, Cairo, Egypt, April 20, 1995, "Functionality of Microcrystalline Cellulose Sodium Carboxyl Methylcellulose Hydrocolloids as Suspension Stabilizers"
9. Warner-Lambert Capsugel Focus Group Meeting on Expert System for Formulation Support of Hard Gelatin Capsules, Short Hills Hilton, New Jersey, June 30, 1995.
10. Warner-Lambert Capsugel Focus Group Meeting on Expert System for Formulation Support of Hard Gelatin Capsules, Princeton, New Jersey, October 5, 1995.
11. Technomic Seminar Series: Pharmaceutical Excipients: "Towards the Twenty-First Century", June 6-8, 1995, Basel, Switzerland, Christianah Moji Adeyeye, Larry Augsburger and Karl Enters. Seminar Organizer and Speaker
12. Non-Steroidal Anti-inflammatory Drugs: Solid State Characterization and the Development of an Oral Sustained Release Dosage Form, University of Maryland at Baltimore, January, 1996
13. Kobe Gakuin University, Faculty of Pharmaceutical Sciences, Pharmaceutics Lab Seminar, Nishi-Ku, Kobe, Japan, August 1, 1997. Stability Evaluation of Suspensions of Prolonged Release Spray-Dried Diclofenac Sodium Microcapsules.
14. Third Kobe Gakuin University Seminars on Pharmaceutics, Aioi, Hyogo, Japan, August 2 1997. Ibuprofen Sustained Release Wax-Microspheres and Evaluation of the Gastrointestinal Toxicity: Stereospecific Considerations.
15. TANABE Seiyaku Pharmaceutical Co. Ltd., Yodogawa-Ku, Osaka, Japan, August 5 1997. Perspectives on Medical, Pharmaceutical Education in Nigeria, Clinical and Industrial Pharmacy in USA.
16. Warner-Lambert Capsugel Focus Group Meeting on Expert System for Formulation Support of Hard Gelatin Capsules, Hyatt Regency, Inner Harbor, Baltimore, August 12-13, 1996-2001

17. Whitehall-Robins Seminar Series, November 18, 1997. Ibuprofen Sustained Release Wax-Microspheres and Evaluation of the Gastrointestinal Toxicity: Stereospecific Consideration.
18. 18th Pharmaceutical Technology Conference, Utrecht, the Netherlands, April 13-15, 1999. Preformulation Studies and Scale-Up of In Situ Complexes of Ibuprofen- β -Cyclodextrin Formed During Granulation, Christianah Moji Adeyeye and Mohamed K. Ghorab.
19. Monbusho International Scientific Research Program: University-to-University Cooperative Research, Physical Pharmacy in the Field of Medicine, Faculty of Pharmaceutical Sciences, Nishi-Ku, Kobe, Japan, August 6, 1999, Development of Diclofenac and Ibuprofen: Fluid bed Technology and Ion-Exchange Resin Methodology and some Bioavailability Considerations.
20. Monbusho International Scientific Research Program: University-to-University Cooperative Research. The 2000 Annual Meeting on Studies of Functional Particulate-Devices for Drug Delivery, Kobe Gakuin University, July 31, 2000
21. Monbusho International Scientific Research Program: University-to-University Cooperative Research. The 2000 Annual Meeting on Studies of Diclofenac-Eudragit® Prolonged Release Microcapsules Dispersed in Microcrystalline Cellulose/Sodium Carboxymethyl Cellulose – Possible Liquid State Drug-Excipient Interaction.
21. Albemarle Corporation, Baton Rouge, Louisiana, January 2001, Co-processed Pharmaceutical Active Ingredients and Excipients.
22. Faculty of Pharmacy, University of Lagos, Lagos, Nigeria, November 26, 2001, Cyclodextrins: Enhancing Oral delivery of Water Insoluble Drugs.
23. Divisional Seminar, School of Pharmacy, Duquesne University, September 2002, Pharmaceutical Preformulation and Technology.
24. Formulation and Filling of Two-Piece Hard Gelatin Capsules, Abbott Laboratories, Chicago, Illinois, February 9, 2004
25. 2005 AAPS Preformulation Focus Group Symposium Program Chair: Fundamentals of Preformulation in Pharmaceutical Product Development – Emphasis on Excipients Functionality
26. PharmTech Annual Events, Somerset, New Jersey, June 12-15, 2006. Drug Excipient Interactions
27. United States Pharmacopeia (USP) Annual Scientific Meeting, Excipients Track, Denver, Colorado, Sept. 27-29, 2006. . Drug-Excipient Interactions: Physical-Chemical Interactions and Evaluation Methods
28. SWE Enterprises: Exploring Current Trends, Technologies and Developments; Drug-Excipient Interactions, La Jolla, San Diego, Jan. 29-30, 2007

29. Nigerian American association of Pharmacists and Pharmaceutical Scientists in the Americas (NAPPSA) 1st Annual Conference, Houston, September, 2007, Lessons Learned from a Bioavailability Study of Commercially Available Anti-Retroviral Drugs in Nigeria
30. AAPS 21st Annual Meeting, San Diego, November. 2007. Moji Adeyeye, Drug-Excipient Interaction and Characterization, Roundtable, Monday, Nov. 12.
31. Solvay Pharmaceuticals, Atlanta, September 18, 2008, Impact of Excipient Variability on Process: Perspectives – Quality-by-Design (QbD)
32. The 2nd Annual NAPPSA Conference, Atlanta, GA, September 18, 2008, Mentoring of Students: Perspectives of Culture
33. The 3rd NAPPSA Conference, Atlanta, September 21, 2008. Nigerian Anti-Retroviral Drugs Clinical Research and Faith Mission to HIV/AIDS Patients
34. Drug-Excipient Interaction: Relevance to Drug Product Development, Nnamdi Azikwe University, Awka, Nigeria, July 8, 2009
35. Drug Product Development in Academia: Translational Research, AAPS Student Chapter, Temple University, November 6, 2009
36. Phase I Clinical Protocol of Three-way Cross-over Bioequivalence Study of Fixed Dose Combination Anti-retroviral Drugs in Healthy Volunteers. Bowen University Teaching, Oyo State, Nigeria, July 31, 2010
37. Does Over-encapsulation affect Disintegration and Dissolution? Nigerian Association of Pharmacists and Pharmaceutical Scientists in the Americas, Sept. 16-19, Dallas, TX 2010
38. Providing Care and Developing Drug Products for HIV/AIDS Children: The Journey, Board of Trustees, Roosevelt University, March 17, 2011
39. Nigeria-Based Clinical Trial of Fixed Dose Combination Antiretroviral Drugs Intended for Pediatrics. Faculty of Pharmacy, Obafemi Awolowo University, Ile-Ife, Nigeria, May 31, 2011
40. Opportunities in Pediatrics Drug Delivery. Partnership Opportunities in Drug Delivery Conference Boston Park Plaza Hotel, October 1-2, 2012
41. Overcoming Drug Shortages in the United States, AAPS Annual Meeting: Roundtable Chicago, IL October 17, 2012
42. Challenges in Solid Dosage Form Development: Multicomponent Formulation and Multivariable Process. Sino-American Professionals' Association Symposium and 15th Shanghai Bioforum, May-29-31, 2013, Shanghai, China.
43. Academic Bridges to China and International Collaboration. Zhejiang University of Technology, June 3, 2013 Hangzhou, China

44. Challenges in the Development of Multicomponent Pediatric Antiretroviral Fixed Dose Formulation. June 5, 2013, Jiao Tong University, Shanghai, China
45. Academic Bridges to China and International Collaboration. June 5, 2013, Jiao Tong University, Shanghai, China
46. Perspectives in Fixed Dose Combination Drug Products Development, University of Technology, Kingston, Jamaica September 17, 2013
47. Recent Advances in Pediatric Formulation and Dosage Form Design, Symposium, AAPS Annual Meeting and Exposition, San Antonio, TX. November 12, 2013
48. Challenges and Opportunities in Development of Orphan Drugs, Annual Congress on Rare Diseases and Orphan Drugs, Skokie, Illinois. October 26, 2016,

OTHER SCIENTIFIC PRESENTATIONS

1. AAPS 1st National Meeting and Premiere Exposition, November 2 - 6, 1986, Washington, D. C., Effect of Surfactant Concentration and Type on the Formation and Stability of W/O/W Multiple Emulsions: Microscopic and Conductometric Evaluations, Christianah Moji Adeyeye and James C. Price
2. AAPS 3rd Annual Meeting and Exposition, October 30-November 3, 1988, Orlando, Florida, Effect of Formulation Variables on Physical Characteristics of Ibuprofen Controlled Release Microspheres, Christianah Moji Adeyeye and James C. Price
3. AAPS 3rd Annual Meeting and Exposition, October 30-November 3, 1988, Orlando, Florida, In vitro Dissolution Characteristics of Controlled Release Ibuprofen-Wax Microspheres, Christianah Moji Adeyeye and James C. Price
4. AAPS 4th Annual Meeting and Exposition, October 22-26, 1989, Atlanta, Georgia, Dissolution Stability of Ibuprofen Microsphere Suspensions, Christianah Moji Adeyeye and James C. Price
5. AAPS 5th Annual Meeting, October 1990, Las Vegas, Nevada, Chemical Stability of Aqueous Suspensions of Ibuprofen, Christianah Moji Adeyeye and James C. Price
6. AAPS 5th Annual Meeting, October 1990, Las Vegas, Nevada, Effect of Controlled Release (CR) Grades of Hydroxypropyl Methylcellulose (HPMC), on the Dissolution Profiles of Directly Compressed Theophylline Tablets, Shobhan Sabnis and Christianah Moji Adeyeye
7. AAPS 6th Annual Conference, October 1991, Washington D. C., Comparison of Drug Release Profiles in Directly Compressed Theophylline Tablets containing different Types of Hydroxypropyl Methylcellulose Ethers, Shobhan Sabnis and Christianah Moji Adeyeye

8. AAPS 6th Annual Conference, October 1991, Washington D. C., Effect of Ibuprofen Suspension Dosage Forms on Acute Gastro-duodenal Toxicity in Rats, Christianah Moji Adeyeye, J. Douglas Bricker and Vinod Vilivalam
18. AAPS 6th Annual Conference, October 1991, Washington D. C., Flow behavior of Mixed Dispersions of Magnabrite® and Methocel A4M®, Vinod Vilivalam, Shobhan Sabnis and Christianah Moji Adeyeye
19. Land O'Lakes Conference, Merrimac, Wisconsin, June 1992 - Pharmaceutical Excipients: Characterization, Functionality and Harmonization
20. Land O'Lakes Conference, Merrimac, Wisconsin, June 1992 - Development of Oral Dosage Forms for Poorly Bioavailable Drugs: Presentation: Solubility of Danazol - hydroxypropyl – β -cyclodextrin Coprecipitates, Christianah Moji Adeyeye and Sherif Farag Badawy
21. AAPS 7th Annual Meeting, November 1993, Orlando, Florida, Sherif Farag Badawy, Christianah Moji Adeyeye and M. Mahmoud Ghorab, Characterization and Solubility of Danazol - hydroxypropyl- β - cyclodextrin Coprecipitates
22. AAPS 7th Annual Meeting, November 1993, Orlando, Florida, Christianah Moji Adeyeye, Jenny M. Rowley, Donatus Madu, Mehran Javadi and Shobhan S. Sabnis, Evaluation of Crystallinity and Drug release Stability of Directly Compressed Theophylline-hydrophilic Matrix Tablets Stored Under Varied Moisture Conditions
23. AAPS 7th Annual Meeting, November 1993, Orlando, Florida, Shobhan Sabnis and Christianah Moji Adeyeye, Study of the in vitro Release of Theophylline from Directly Compressed", Hydrophilic Matrix Tablets and Prediction of in vivo Behavior using STELLA® Simulation Program
24. Duquesne University, School of Pharmacy, Departmental Seminar, February 1994, Christianah Moji Adeyeye, The Role of Moisture on the Crystallinity and Drug release Stability of Directly Compressed Theophylline-hydrophilic Matrix Tablets
25. Fourteenth Annual Meeting of the Graduate Research Association of Students in Pharmaceutics (GRASP), Baltimore, Maryland, June 3-5, 1994, Oral Bioavailability of Danazol from Hydroxypropyl-b-Cyclodextrin Complex in Rats. Sherif I. Farag Badawy, Fen Fang Chen, Mahmoud M. Ghorab and Christianah Moji Adeyeye
26. AAPS 8th Annual Meeting, November 1994, San Diego, CA, Oral bioavailability of Danazol from hydroxypropyl- b -cyclodextrin complex in Rats. Sherif I. Farag Badawy, Fen-Fang Chen, Mahmoud M. Ghorab and Christianah Moji Adeyeye
27. AAPS 8th Annual Meeting, November 1994, San Diego, CA, AAPS 8th Annual Meeting, November 1994, San Diego, CA. Evaluation of Granulation Process and Particle Size of Microcrystalline Cellulose in Guaifenesin Tablets. Christianah Moji Adeyeye, G. Desai, A. Bookwala, T. Ciccarelli, S. Badawy, C. Mancini, S. Donalies, F. Chen and R. Janjikhel

28. AAPS 8th Annual Meeting, November 1994, San Diego, CA, Graduate School of Pharmaceutical Sciences, Duquesne University, Functionality of Microcrystalline Cellulose Sodium Carboxyl Methylcellulose Hydrocolloids as Suspension Stabilizers. Christianah Moji Adeyeye, Fen-Fang Chen Jenny Rowley, and Elita Hobson
29. AAPS 8th Annual Meeting, November 1994, San Diego, CA. Stereospecific Formulation and Characterization of Sustained Release Ibuprofen Microspheres. Rajiv K. Janjikhel, Fen-Fang Chen, and Christianah Moji Adeyeye
30. Pharmaceutical Society of Japan, March 29-31, 1995, Design and Preparation of Prolonged Release Microcapsules of Diclofenac Sodium, H. Ichikawa, Y. Fukumori and C. M. Adeyeye
31. Second International Conference on Pharmaceutical Biotechnology, April 23-27, 1995, University of Ghent, Belgium, Apoptotic Effects of Cytosine Arabinoside (ARA-C) Prodrugs in Leukemic Cancer (HL-60) Cells, Christianah Moji Adeyeye, James Rusnak, Peter Wipf and John Lazo
32. Undergraduate Seminar conference, University of West Virginia, Morgantown, West Virginia, Evaluation of Sulfobutylether Derivatives of Cyclodextrins as Solubility and Dissolution Enhancers of Danazol, Amanda Marshall, Christianah Moji Adeyeye and Sherif Badawy, October, 1995
33. Undergraduate Seminar conference, University of West Virginia, Morgantown, West Virginia, Hygroscopicity and Stability of Danazol-Hydrophilic Cyclodextrin Complexes, Jennifer Leshner, Christianah Moji Adeyeye and Sherif Badawy, October, 1995
34. AAPS 9th Annual Meeting, Miami, Florida, Moisture Sorption of Hydroxypropyl -b- Cyclodextrin- and Sulfobutylether Cyclodextrin Coprecipitates of Danazol, Sherif Badawy, Jennifer Leshner and Christianah Moji Adeyeye, November 1995
35. AAPS 9th Annual Meeting, Miami, Florida, Effect of Emulsifier Blend on the Characteristics of Sustained Release Diclofenac Microspheres, Lavinia Lewis, Ricardo Boni and Christianah Moji Adeyeye, November 1995
36. AAPS 9th Annual Meeting, Miami, Florida, Evaluation of Sulfobutylether Derivatives of Cyclodextrins as Solubility and Dissolution Enhancers of Danazol, Sherif Badawy, Mandy Marshal and Christianah Moji Adeyeye, November 1995
37. AAPS 9th Annual Meeting, Miami, Florida, Buccal Route Bioavailability of Danazol and its Hydroxypropyl- b- Cyclodextrin Coprecipitates in Rats and Dogs, Sherif Farag Badawy, Christianah Moji Adeyeye and Mahmoud Ghorab, November 1995
38. AAPS 9th Annual Meeting, Miami, Florida, Stereoselective Interaction of Ibuprofen and Some Chiral Excipients, Rajiv Janjikhel and Christianah Moji Adeyeye, November 1995,
39. AAPS 9th Annual Meeting, Miami, Florida, Stereoselective Disposition of Ibuprofen Wax-Coated Sustained Release Microspheres, Fen-Fang Chen and Christianah Moji Adeyeye, November 1995

40. Graduate Research Association of Students in the Pharmaceutical Sciences Annual Meeting, Athens, GA, In situ Complexation of Ibuprofen with β -Cyclodextrin: Granulation and Compression Effect, Mohamed Ghorab and Christianah Moji Adeyeye, June 1996
41. AAPS 10th Annual Meeting, Seattle, Washington, In situ Complexation of Ibuprofen with β -Cyclodextrin: Granulation and Compression Effect, Mohamed Ghorab and Christianah Moji Adeyeye, November 1996
42. AAPS 10th Annual Meeting, Seattle Washington, Evaluation of the Physical and Chemical Stability of Sustained Release Microsphere Suspensions of Diclofenac, Lavinia Lewis, Riccardo Boni and Christianah Moji Adeyeye, November 1996
43. AAPS 10th Annual Meeting, Seattle Washington, Stability Evaluation of Suspensions of Ibuprofen in Prepared Using Microcrystalline Cellulose and Carboxymethyl Cellulose Hydrocolloids (Avicel RC-591® and Cl-611®), Christianah Moji Adeyeye, Fen-Fang Chen and Rajiv Janjikhel, November 1996
44. AAPS 10th Annual Meeting, Seattle Washington, Stereoselective Disposition and of Ibuprofen Enantiomers in Rats, Rajiv Janjikhel and Christianah Moji Adeyeye, November 1996
45. Lamda Kappa Sigma, Mylan School of Pharmacy, Duquesne University, "Options in Pharmacy with a Pharm.D." March 13, 1997
46. Duquesne University Pharmaceutical Seminar Series: Pharmaceutical Unit Processes and Solid Dosage Form Development: Industry and Regulatory Perspectives. May 27, 1997: Milling Unit Process: An Introduction. Emphasis on Role of Excipients on Manufacturability of Solid Dosage Forms
47. Duquesne University Pharmaceutical Seminar Series: Pharmaceutical Unit Processes and Solid Dosage Form Development: Industry and Regulatory Perspectives. May 27, 1997: Drying.
48. 24th International Symposium on Controlled Release of Bioactive Materials, Stockholm, Sweden, In Vitro - In Vivo Correlation of oral Sustained Release Ibuprofen Microspheres, Rajiv Janjikhel and Christianah Moji Adeyeye June 1997
49. Nineteenth Annual Undergraduate Research Seminar, West Virginia University, Morgantown, October 18-19, 1997. Formulation and Assay Development of Hydrocortisone Acetate Cream Containing Microcrystalline Cellulose and Sodium Carboxymethyl Cellulose Hydrocolloid (Avicel CL-611), Christina Hayes, Eric Poore, Ashwin Jain, William J. Reilly and Christianah Moji Adeyeye
50. Nineteenth Annual Undergraduate Research Seminar, West Virginia University, Morgantown, October 18-19, 1997. Comparison of Stereoselective Acute Toxicity of Ibuprofen Multiparticulate Delivery Systems in Rats, Eric Poore, Rajiv Janjikhel, J. Douglas Bricker, D. Borochoviz and Christianah Moji Adeyeye

51. AAPS 11th Annual Meeting, Boston, Massachusetts, November 1-6, 1997. Thermal properties of Tablets of Tableted Ibuprofen- Cyclodextrin In Situ Complexes, Mohamed K. Ghorab and Christianah Moji Adeyeye
52. AAPS 11th Annual Meeting, Boston, Massachusetts, November 1-6, 1997. Stereoselective Toxicity of Suspensions of Microspheres of Ibuprofen Enantiomers, Rajiv Janjikhel, J. Douglas Bricker, D. Borochovit and Christianah Moji Adeyeye
53. AAPS 11th Annual Meeting, Boston, Massachusetts, November 1-6, 1997. Characterization of various Substituted Sulfobutyl Ether- β - Cyclodextrin Inclusion Complexes, Ashwinkumar Jain and Christianah Moji Adeyeye
54. AAPS 11th Annual Meeting, Boston, Massachusetts, November 1-6, 1997. Design of Prolonged, Release Diclofenac Microcapsules (ion-exchange resinates) for Oral Suspensions and Their Preparation by the Wurster Process, Hideki Ichikawa, Yoshinobu Fukumori and Christianah Moji Adeyeye
55. AAPS 11th Annual Meeting, Boston, Massachusetts, November 1-6, 1997. Data-Driven Design of Experiments Using Artificial Intelligence: Implications for Formulation Development, Nkere Ebube, G. Owusu Ababio and Christianah Moji Adeyeye
56. AAPS 11th Annual Meeting, Boston, Massachusetts, November 1-6, 1997. Optimization of Pharmaceutical Unit Operations Using the Artificial Neural Networks, Nkere Ebube and Christianah Moji Adeyeye
57. 25th International Symposium on Controlled Release of Bioactive Materials, June 21-26, 1998, Las Vegas, Hydrocortisone Acetate Creams Containing Microcrystalline Cellulose and Sodium Carboxymethyl Cellulose as Stabilizer Ashwinkumar Jain, Christina Hayes, Eric Poore, William J. Reilly and Christianah Moji Adeyeye
58. AAPS 12th Annual Meeting, San Francisco, California, November 15-19, 1998. In Vitro Release of Danazol from Mucoadhesive Buccal Tablets Prepared Using Danazol-Sulfobutyl Ether- β - Cyclodextrin (SBE5) Inclusion Complexes, Ashwinkumar C. Jain and Christianah Moji Adeyeye
59. AAPS 12th Annual Meeting, San Francisco, California, November 15-19, 1998. Preformulation Viscoelastic Evaluation of Topical Creams Containing Microcrystalline Cellulose and Sodium Carboxymethyl Cellulose as Hydrophilic Emulsion Stabilizer, Christianah Moji Adeyeye, Ashwinkumar C. Jain and William J. Reilly
60. School of Pharmacy, University of Washington, Seattle, WA, April 20, 1999. Preformulation Considerations of Pharmaceutical Dosage Form Development - Case Study. Emphasis on Excipient Functionality
61. AAPS 13th Annual Meeting, New Orleans, Louisiana, November 14-17, 1999. Development of Spheronized Microparticulates of Ibuprofen Using The Rotor Disk Fluid-Bed Technology, B.N. Chukwumezie, M. Wojcik, M.K. Ghorab, C.M. Adeyeye

62. AAPS 13th Annual Meeting, New Orleans, Louisiana, November 14-17, 1999. Characterization of Electrostatic Charge of a Hydrophilic Gel Intended For Topical Nasal Application. C.M. Adeyeye
63. AAPS 13th Annual Meeting, New Orleans, Louisiana, November 14-17, 1999. Complexation of Ibuprofen and β -Cyclodextrin During Fluid Bed And High Shear Mixer Granulation: Process And Equipment Effects, M.K.M. Ghorab, and C.M. Adeyeye
64. AAPS 13th Annual Meeting, New Orleans, Louisiana, November 14-17, 1999. Prolonged-Release Coating of Ion-Exchange Resin-Diclofenac Complexes by The Wurster Process Developed For Oral Suspensions, H. Ichikawa, K. Fujioka, C.M. Adeyeye, Y. Fukumori
65. 27th International Symposium on Controlled Release of Bioactive Materials, June 9-15, 2000, France, Paris, In-Situ Complexation of Ibuprofen and β -Cyclodextrin Via Wet Granulation: FT-IR and $^1\text{H-NMR}$ Studies Mohamed K. Ghorab and Christianah Moji Adeyeye
66. AAPS 14th Annual Meeting, Indianapolis, Indiana, Oct. 29- Nov. 2, 2000. Scale Up of Fluid Bed Rotor Disk Spheronization of Ibuprofen Microparticulates: Feasibility Studies. Beatrice Nkem Chukwumezie, Mark Wojcik and Moji Christianah Adeyeye.
67. AAPS 14th Annual Meeting, Indianapolis, Indiana, Oct. 29- Nov. 2, 2000. Diclofenac-Eudragit® Prolonged Release Microcapsules Dispersed in Microcrystalline Cellulose/Sodium Carboxymethyl Cellulose Medium. Possible Liquid-State Drug-Excipient Interaction Eric Mwangi, Betty Katondo, Ashwinkumar Jain, Hideki Ichikawa, Kazuhiro Fujioka, Yoshinobu Fukumori and Christianah Moji Adeyeye
68. AAPS 14th Annual Meeting, Indianapolis, Indiana, Oct. 29- Nov. 2, 2000. Enhanced Bioavailability of Process-induced Fast-Dissolving Ibuprofen Co-granulated with β -Cyclodextrin. Mohamed Ghorab and Moji Christianah Adeyeye
69. AAPS 14th Annual Meeting, Indianapolis, Indiana, Oct. 29- Nov. 2, 2000. Characterization of Inclusion Complexes of Danazol and Methyl Testosterone with Sulfobutylether β -cyclodextrin-7 (SBE 7) by Spectroscopic Methods, Ashwinkumar Jain and Moji Christianah Adeyeye
70. AAPS 14th Annual Meeting, Indianapolis, Indiana, Oct. 29- Nov. 2, 2000. Interaction of Citric Acid and Aspartame from Different Sources and its Implications In a Potential Solid Dosage Form. Sonali Bose, Beatrice Nkem Chukwumezie, Mansoor Beg, Vishal Bijlani, Soosmita Sinha, Debanjali Dasgupta and Moji Christianah Adeyeye (a class project assigned to graduate students)
71. AAPS 14th Annual Meeting, Indianapolis, Indiana, Oct. 29- Nov. 2, 2000. Crystallinity Equivalence of Differently Sourced Aspartame: Solid State Characterization, Vishal Bijlani, Soosmita Sinha, Debanjali Dasgupta, Sonali Bose, Beatrice Nkem Chukwumezie, Mansoor Beg and Moji Christianah Adeyeye (a class project assigned to graduate students)

72. AAPS 15th Annual Meeting, Denver, Colorado, October 21-25, 2001. Roller Compaction Studies and Granule Characteristics of Silicified Microcrystalline Cellulose Beatrice Chukwumezie Sabitha Katpally Anely Vargas-Perez and Moji Christianah Adeyeye
73. AAPS 15th Annual Meeting, Denver, Colorado, October 21-25, 2001. Complexation Characteristics of Sulfobutylether 7-beta-cyclodextrin (SBE7-CD) with Chenodeoxycholic Acid, A Vargas-Perez, S Katpally, A. Jain, J. Mosher, D. Thompson, and M. C. Adeyeye
74. AAPS 15th Annual Meeting, Denver, Colorado, October 21-25, 2001. Dissolution Stability Studies of Prolonged-Release Ion-exchange Resins Diclofenac Microcapsules Prepared by the Wurster Process, Eric Mwangi, Sabitha Katpally, Hideki Ichikawa, Yoshinobu Fukumori and Christianah Moji Adeyeye
75. AAPS 16th Annual Meeting, Toronto, Canada, October. 2002. Factorial Design in the Spheronization of Ibuprofen Microparticulates using the Rotor Disk Fluid-Bed Technology, Beatrice Chukwumezie and Moji Christianah Adeyeye
76. AAPS 16th Annual Meeting, Toronto, Canada, October. 2002. Characterization of Bile Salt/SBE-7 β -cyclodextrin Interaction Using Isothermal Titration Calorimetry, S. Katpally, M. K. Ghorab, J. Madura J. Mosher, D. Thompson, and Moji Christianah Adeyeye
77. AAPS 16th Annual Meeting, Toronto, Canada, October. 2002. Use of Near-IR Spectroscopy to Monitor Hardness of Roller Compacted Briquettes, Vishal Bijlani, Sabitha Katpally, Moji Christianah Adeyeye and J. K. Drennen
78. AAPS 17th Annual Meeting, Salt Lake City, Utah, October. 2003. Solid-State Characterization and Dissolution Profiles of Various Bile Salts and Complexes with Sulfobutyl ether beta cyclodextrin, Sabitha Katpally J. Madura, D. Thompson, J. Mosher and Moji. C. Adeyeye
79. AAPS 17th Annual Meeting, Salt Lake City, Utah, October 2003. Factorial Design in the Spheronization of Ibuprofen Microparticulates Using the Rotor Disk Fluid-bed Technology. B. N. Chukwumezie, M. Wojcik, P. Malak, F. D'Amico and M. C. Adeyeye
80. AAPS 17th Annual Meeting, Salt Lake City, Utah, October. 2003. Use of Near-Infrared Spectroscopy to Monitor Blend Uniformity and Hardness of Roller Compacted Briquettes. V. J. Bijlani, C. Anderson, C. M. Adeyeye and J. K. Drennen III
81. AAPS 18th Annual Meeting, Baltimore, MD, November 2004. Over-encapsulation and Drug Product Performance of Selected Drugs Using Hard Gelatin DB® Capsules. F. Esseku, M. Leshner, V. Bijlani and M. Adeyeye
82. 2004 PITTCON Meeting, Chicago, Illinois. Monitoring Ibuprofen Release from Immediate and Prolonged Release Microparticulates: In Situ Fiber Optic Probe Dissolution Technique versus the HPLC Method. V. Bijlani, D. Younayel, S. Katpally, B. N. Chukwumezie and M. C. Adeyeye

83. AAPS 19th Annual Meeting, Nashville, November. 2005. Assay Development for Selected Anti-Retroviral Products Using Gradient Elution Flow Programming And Non-Automated HPLC Method. B. Silva, F. Esseku C. Igwilo, M. Adeyeye
84. AAPS 19th Annual Meeting, Nashville, November. 2005. Monitoring Evaluation of Deformation Characteristics of Fast Disintegrating Tablet Formulation by Heckel Analysis. V. Bijlani and M. Adeyeye. Emphasis on Excipients functionality of Deformation
85. AAPS 19th Annual Meeting, Nashville, November. 2005. HPLC Assay Development and Potency Determination of Hydrocodone and Chlorpheniramine in a Combination Product (ion-exchange resinate). H. Alayoubi, F. Esseku, A. Scocia, M. Adeyeye
86. AAPS 19th Annual Meeting, Nashville, November. 2005. Post Market Stability of Selected Anti-Retroviral Products: Reverse Phase Isocratic Automated HPLC Method F. Esseku, D. Oqua, B. Kunle, O. Obodozie, B. Silva, U. Inyang, C. Igwilo, M. Adeyeye
87. AAPS 19th Annual Meeting, Nashville, November. 2005. Preparation and Characterization of Nanoemulsions Intended for the Parenteral Route Using an Experimental Design T. Onadeko, H. Ichikawa, Y. Fukumori, M. Adeyeye
88. AAPS 20th Annual Meeting, San Antonio, October/November. 2006. V. J. Bijlani and Moji Christianah Adeyeye, Dissolution Method Development and Validation of a Fast Disintegrating Dosage form using the Delphian® in-situ dissolution monitoring method. V. J. Bijlani and Moji Christianah Adeyeye
89. AAPS 21st Annual Meeting, San Diego, November. 2007. V. J. Bijlani and Moji Christianah Adeyeye, Determination of Optimum Compression Conditions for a Fast Disintegrating Tablet Formulation Based on Compaction Profiles and Strain Rate Studies. Emphasis on Excipients functionality of Deformation
90. International AIDS Conference, Mexico City, Mexico, August 2008, Moji. C. Adeyeye and Daniel D. Gbadero, Rapid Screening for HIV/AIDS and Intervention to Prevent-Mother-to-Child-Transmission (PMTCT) in Ogbomoso (Oyo State) Osogbo (Osun State) and Lagos (Lagos State) of Nigeria
91. International AIDS Conference, Mexico City, Mexico, August 2008, Use of WinNonlin® Software to Assess Bioequivalence of Fixed Dose-Combination Antiretroviral (ARV) Drug Products (zidovudine/lamivudine) Marketed in West Africa, Anjali Joshi, Fred Esseku, Lanre Silva, Cecilia Igwilo and Moji C. Adeyeye
92. AAPS 22nd Annual Meeting, Atlanta, November. 2008, Characterization of Inclusion Complex Formation of 17 β -estradiol with Sulfobutylether 7 β -Cyclodextrin, Uday K. Kotreka, Vicki L. Davis and Moji C. Adeyeye
93. AAPS 22nd Annual Meeting, Atlanta, November. 2008, Determination of Lamivudine and Zidovudine in Human Plasma using HPLC-UV Method and Evaluation of

- Bioequivalence of Fixed-Dose Combination Drug Products. Anjali Joshi, Fred Esseku, Lanre Silva, Cecilia Igwilo and Moji C. Adeyeye
94. AAPS 22nd Annual Meeting, Atlanta, November. 2008, Development and Validation of a Reversed-Phase HPLC-UV Method for the Analysis of Lamivudine, Zidovudine, Degradants and Preservatives in a Fixed-Dose Combination Formulation, Fredrick Esseku Anjali Joshi, Moji Adeyeye
 95. AAPS 23rd Annual Meeting, Los Angeles, November 8-12, 2009, Isothermal Stress Testing and Solid-State Conversion of Lamivudine Anhydrous to Hydrate in the Presence of Zidovudine. Emphasis on Role of Moisture. Esseku, F. and Adeyeye, M.C.
 96. AAPS 23rd Annual Meeting, Los Angeles, November 8-12, 2009, Development of Stability-indicating Reversed Phase HPLC-UV Method for Simultaneous Determination of Antiretroviral Drugs in a Fixed Dose Combination (FDC) Pharmaceutical Formulation. Joshi, A., Esseku, F. and Adeyeye, M. C.
 97. AAPS 23rd Annual Meeting, Los Angeles, November 8-12, 2009, Development of an in-situ ion-activated gellan gum hydrogel drug delivery system. Kotreka, U. K., Davis, V. L. and M. C. Adeyeye
 98. AAPS 24th Annual Meeting, New Orleans, November 14-18, 2010. In vitro Characterization of Drug Release and Viscoelasticity of an Ion-activated In situ Gel forming Ophthalmic Drug Delivery System. Kotreka, U. K., Davis, V. L. and Moji C. Adeyeye,
 99. AAPS 24th Annual Meeting, New Orleans, November 14-18, 2010, Optimization of Directly Compressed Orally Disintegrating Tablets (ODTs) containing High Drug Load using a Response Surface Design. Joshi, A. and Adeyeye, Moji C. Adeyeye
 100. AAPS 24th Annual Meeting, New Orleans, November 14-18, 2010, Assessment of Drug-Excipient Interactions and Short- Term Stability of Reconstitutable Suspension. Esseku, F. and Adeyeye, Moji, C. Adeyeye
 101. AAPS 25th Annual Meeting, Washington DC, October 23-27, 2011, In vitro and In vivo Characterization of In situ Gel-Forming Estradiol Eye Drops. Kotreka, U. K., Davis, V. L. and Adeyeye, Moji C. Adeyeye
 102. AAPS 25th Annual Meeting, Washington DC, October 23-27, 2011, Bioequivalence Clinical Trial of a Fixed-Dose Combination Antiretroviral Reconstitutable Suspension in Healthy Volunteers, Fredrick Esseku, Anjali Joshi, Yemisi Oyegbile, Grace Edohwhoru², Daniel Gbadero, and Moji Adeyeye.
 103. AAPS 25th Annual Meeting, Washington DC, October 23-27, 2011, Bioequivalence Assessment of Zidovudine/Lamivudine/Nevirapine Fixed-Dose Combination Fast-Disintegrating Tablet: An Open-Label, Randomized, Two-Way Cross-Over Study in Healthy Volunteers. A. Joshi, F. Esseku, D. Gbadero, F. Adesanya, and M. Adeyeye

104. National Institute of Health Bridges Student Research Presentation Roosevelt University, June 2012, Effect of Polymer Blend on the Characteristics of Ion-Activated In-Situ Gel Ophthalmic Delivery System for Use in the Treatment of Cataracts, Juan Vargas, Pierre-Louis Destruel, Rory Stewart, Shazia Sarwar, Amusa S Adebayo, Ravikiran Panakanti, Moji C Adeyeye
105. National Institute of Health Bridges Student Research Presentation, Roosevelt University, June 2012, Development of Age-Appropriate Anti-Retroviral Drug Formulations Intended for Prevention-of-Mother-to-Child-Transmission (PMTCT) of HIV/AIDS, Velia Palma, Shirinbanu Patel, Janet Picaso, Ravikiran Panakanti, Amusa Adebayo and Moji Adeyeye
106. National Institute of Health Bridges Student Research Presentation, Roosevelt University, June 2012, Design and Evaluation of Dosage Form for the Circadian Rhythmic Delivery of Asthma Therapy, Betty Villagomez, Janette Picaso, Cheryl Raju, Velia Palma, Amusa Adebayo, Ravikiran Panakanti and Moji Adeyeye
107. AACP Annual Meeting, Kissimmee, FL. July 2012, Improvement of PharmD students' performance in a Biopharmaceutics and Pharmacokinetics Course using simulation software, Amusa S. Adebayo, Ravikiran Panakanti, Ruth Adewuya and Moji C. Adeyeye
108. AAPS 26th Annual Meeting, Chicago, IL, October 14-18, 2012, Age-appropriate Pharmacokinetic Prediction for Fixed Dose Combination (FDC) of Lamivudine, Nevirapine and Zidovudine using Adult Data obtained in a Phase 1 Clinical Trial. Amusa S. Adebayo, Anjali Joshi, Fred Esseku, Ravi Panakanti, Ruth Adewuya and Moji C. Adeyeye
109. AAPS 26th Annual Meeting, Chicago, IL, October 14-18, 2012, Simulated Ocular Bioavailability of Estradiol Based on Preclinical Data in Rabbits. Amusa S. Adebayo, Uday Kotreka, Ravi Panakanti, Ruth Adewuya and Moji C. Adeyeye
110. Velia Palma, Shirinbanu Patel, Janet Picaso, Ravikiran Panakanti, Amusa Adebayo and Moji Adeyeye, Development of Age-Appropriate Fast-Dispersible Pediatric Anti-Retroviral Drug Formulations Intended for the Prevention of Mother-to-Child Transmission of HIV/AIDS, Annual Biomedical Research Conference for Minority Students (ABRCMS), November 2012, San Jose, CA. Received Best Poster award.
111. AAPS 28th Annual Meeting and Exposition, San Diego, November 2014, Development of Controlled Release Metformin and its Estimation Using a New HPLC Assay, **Amusa S. Adebayo**, Ravikiran Panakanti, Natarajan Venkatesan, Carmen Popescu and Moji Adeyeye.
112. AAPS 28th Annual Meeting and Exposition, San Diego, November 2014, Solid State Characterization of Two Tropical Starches Modified by Pregelatinization and Acetylation: Potential as Excipients in Pharmaceutical Formulations. **Adenike Okunlola**, Sarafadeen Amusa Adebayo and Moji Christianah Adeyeye.

113. AAPS 29th Annual Meeting and Exposition, Orlando, Florida, October 2015, Antibacterial Effects of a Fixed Dose Combination Complementary Alternative Medicine (CAM) – Faradin® - for Co-Morbid Infections in Sickle Cell Disease (SCD). **M. C. Adeyeye**, D. A. Gbadero, L. O. Farayola, N. Olalere, V. McKinley, Z. Erlichman , D. Alabi.
114. AAPS 29th Annual Meeting and Exposition, Orlando, Florida, October 2015, Phytochemical Screening and Ex-vivo Evaluation of Anti-sickling Effect of a Fixed Dose Combination Complementary Alternative Medicine (CAM) – Faradin® - for Sickle Cell Disease (SCD). **M. C. Adeyeye**, D. A. Gbadero, L. O. Farayola, R. Adewuya, N. Olalere, Z. Erlichman, D. Alabi
115. AAPS 29th Annual Meeting and Exposition, Orlando, Florida, October 2015, Preformulation Studies of Artemether, Quinine and Artemether-Lumefantrine Intended for Pediatric Fixed-Dose Suppository Formulations. **Oladapo A. Adetunji**, Chinedum P. Babalola and Moji C. Adeyeye.
116. AAPS 29th Annual Meeting and Exposition, Orlando, Florida, October 2015, Development and Validation of HPLC Analytical Assay Method for Pediatric Antimalarial Suppositories. **Oladapo A. Adetunji**, Chinedum P. Babalola, Amusa S. Adebayo and Moji C. Adeyeye
117. AACP Annual Meeting, Anaheim, CA, July 2016, Development of Graduate Education and Team Science Research at Roosevelt University College of Pharmacy (RUCOP): An AACP Academic Research Fellow Program (ARFP) Project. Moji Christianah Adeyeye
118. AAPS 30th Annual Meeting and Exposition,, Denver, Colorado, November 2016., Investigational New Drug Application (IND) of Polyherbals and Challenges in Documentation of Chemistry, Manufacturing and Controls: Case Study: Anti-sickling Agent (Faradin®). **Moji C. Adeyeye**, Brandon Swinford, Ibraheem Rajab, Daniel D. Gbadero and Lawrence O. Farayola

EXTRA MURAL FUNDING

Over 1 million dollars in cash, equipment and essential drugs and excipients grants

GRANT AWARDS

2016 Development of Polymer-Based Tablet Formulations: Evaluation of Drug Release and Viscosity of the Tablets. Retainership Contract. **\$53,000.**

2013-2015

Grant-in-aid through post-doctoral associates paid for by other institutions (William J. Fulbright Institute for International Education, and University of Ibadan, Nigeria MacArthur Foundation) to work in my lab and graduate interns that chose to work in my lab. **Estimated aid: \$180,000**

2015 Evaluation of Chemical and Anti-Sickling Properties of a Complementary Alternative Medicine – Faradin, College of Pharmacy Intra-Mural Grant, **\$3,000.**

- 2014 Study of Faradin: An Anti-Sickling Complementary Alternative Medicine (CAM) Intended for Pediatric Use in Sickle Cell Anemia. Roosevelt University Summer Research Award. **\$2,440**
- 2013 Moji Adeyeye, Ravikiran Panakanti and Amusa Adebayo. Development of Metformin Controlled Release Tablets. **Funded: \$5000**
- 2012 Moji Adeyeye and Amusa Adebayo Simulation Plus: GastroPlus Pharmacokinetic and Pharmacodynamic Teaching License Simulation Software Donation: Moji Adeyeye and Amusa Adebayo: **Funded: \$26,197.50**
- 2011 Moji Adeyeye and Amusa Adebayo: Pharsight Phoenix WinNonlin Pharmacokinetic Teaching License Simulation Software Donation. **Funded: \$92,510.00.**
- 2011 Moji Adeyeye and Amusa Adebayo Simulation Plus: GastroPlus Pharmacokinetic and Pharmacodynamic Teaching License Simulation Software Donation: Moji Adeyeye and Amusa Adebayo: **Funded: \$26,197.50**
- 2010 DPT Pharmaceuticals, Donation of Laminar Flow Hoods. San Antonio, Texas. **Grant-in-aid: \$15,000. Funded**
- 2008 National Institute of Health R03 Grant: Development of Age-Appropriate Fast Disintegrating Pediatric Granules and Tablets of Fixed Dose Combination Antiretroviral Drugs. **\$120,000 – Funded**
- 2007 Development of In-situ Ophthalmic Estrogen Gel for Treatment of Cataract. Commonwealth Universal Research Enhancement (C.U.R.E.), Pennsylvania Department of Health. **\$30,000. Funded**
- 2006 Hunkele Dreaded Disease Grant, Duquesne University: Development of Fixed Dose Combination (FDC) Anti-retroviral Drug Formulations Intended for HIV-Positive Perinatal and Pediatric Children. **\$10,000 - Funded**
- 2006 Variety Children's Lifeline Grant: Prevention of Mother-to-child-transmission of HIV/AIDS Using Baptist Hospital, Ogbomoso, Nigeria – A University Service Project. **\$150,000 – Funded** (Awarded to Drugs for AIDS and HIV Patients)
- 2005 African Area AIDS Research: Quality Assurance and Bioequivalence of Anti-Retroviral Drugs. J. William Fulbright Award. **\$50,000. Funded**
- 2004 Development of Ion-Exchange Based Formulation. Atlantic Pharmaceuticals. **\$60,000. Funded**
- 2004 Effect of Overencapsulation on Dissolution of Selected Drugs Using DB® Gelatin Capsules Capsugel (a Division of Pfizer Inc.) **\$9,125. Funded**
- 2003 Delphian Fiber Optic Dissolution System. Delphian Technology Inc. Woburn, MA. **\$65,000. Funded**

- 2003 Grant-in-aid, Encapsulation Machine, Schaeffer Technology, Indianapolis, \$75,000. Funded
- 2001 Roller Compaction Studies and Granule Characteristics of Silicified Microcrystalline Cellulose (Prosolv®) and Drug Blends. Penwest Corporation. **\$20,000. Funded**
- 2001 Development of Spheronized Microparticulates of Ibuprofen/Avicel Hydrocolloids Using the Rotor Disk Fluid-Bed Technology. Vector (VTS) Corporation **\$ 10,000. Funded**
- 2000 Roller Compaction of Powder Blends Containing Microcrystalline Cellulose or Silicified Microcrystalline Cellulose and Lactose: Deformation Properties Grant-in Aid - Fitzpatrick Roller Compactor and Comminutor. The Fitzpatrick Company. **\$110,000. Funded**
- 2000 Complexation of Sulfobutylether-b-Cyclodextrin (SBE7 or Captisol) with Bile Salts. Cydex Inc. **\$28,700. Funded**
- 2000 Development of Spheronized Microparticulates of Ibuprofen/Avicel **Hydrocolloids** Using the Rotor Disk Fluid-Bed Technology. Vector Corporation. **\$ 9,500. Funded**
- 1999 Donation of Tablet Press Loader (Custom made for Hata Tablet Press). Vac-U-Max. **\$15,000. Funded**
- 1999 Development and In-Vitro Delivery of Zidovudine-Peptide Conjugate Across the Blood Brain Barrier Using Bovine Brain Microvessel Endothelial Cells Model Hunkele Faculty Development Grant, Duquesne University. **\$2,400. Partly Funded**
- 1999 CNS Delivery of Alkanoate Antiepileptics, NIH Initiative Award for Underrepresented minority in Biomedical Research. NIH RO1 NS30738-06S1. **\$81,789. Funded**
- 1998 Studies on Functional Particulate-Device for Drug Delivery. Japanese Ministry of Education Science, Sports and Culture International Scientific Research - (University-to-University Cooperation Research #10045080) (Drs. **Yoshinobu Fukumori (Principal Investigator)**, Hideki Ichikawa, Moji Adeyeye and Lawrence Block). **\$35,000. Funded**
- 1997 Pharmaceutical Unit Processes and Solid Dosage Form Development: Equipment Donation - Grant-in-aid - High Shear Mixer (Gral® 25), Hi-Coater, and Floor Balance. SmithKline Beecham Pharmaceuticals. **\$199,000. Funded**
- 1997 Characterization of Danazol-SBE Inclusion Complexes. Cydex L. C. Overland Park, Kansas. **\$3,500. Funded**
- 1997 Pharmaceutical Unit Processes and Solid Dosage Form Development: Industry and Regulatory Perspectives Seminar Educational Grant. FMC Corporation. **\$5,000. Funded**
- 1997 Pharmaceutical Unit Processes and Solid Dosage Form Development: Industry and Regulatory Perspectives Seminar. Educational Grant-in aid for CadChem Neural Network Software (Software plus 8 keys: \$5000 per key). AIWARE Company. Grant-in-aid. **\$40,000. Funded**

- 1996 Equipment Donation H & H Capsule Filling machine Capsule Cleaner, Fluid Bed-Drier. SmithKline Beecham Pharmaceuticals. **\$32,000. Funded**
- 12/96 Phase Separation Study of Hydrocortisone Acetate Creams: Stabilizing Effects of Avicel® RC 591, Avicel® CL 611 and Avicel® RC 581 Hydrocolloids. FMC Corporation. **\$17,000. Funded**
- 1996 Formulation of Oral Pediatric Drug Delivery Systems. Ascent Pediatrics. **\$32,220. Funded**
- 1995 Stability Evaluation of Suspensions of Ibuprofen in Avicel RC-591® and CL-611® Hydrocolloids FMC Corporation Pharmaceutical Division. **\$17,597. Funded**
- 1994 Extruder and Marumerizer grant -in-aid, LCI Corporation (formerly Luwa Corporation). **\$24,000. Funded**
- 1993 Functionality and Physical Stability of Microcrystalline Cellulose Hydrocolloids (RC-591 and CL-611®) and Xanthan Gum Suspension Stabilizers FMC Corporation, Pharmaceutical and Bioscience Division. **\$15,200. Funded**
- 1989 Faculty Internship, Pharmaceutical Manufacturers Association (PMA): Faculty –Industry Visitation Program, Burroughs Wellcome Industry, Research Triangle Park, North Carolina, Round-trip travel and accommodation for 2 weeks. **\$2,000. Funded**
- 1989 In vitro and in vivo Evaluation of Controlled NIH - (BRSG) Release of Ibuprofen from Microspheres and Microsphere Suspensions. **\$3,000. Funded**

UNIVERSITY, NATIONAL ASSOCIATIONS, AND GLOBAL COMMUNITY SERVICE

DUQUESNE UNIVERSITY

- 2007- University Diversity Council
- 2004-2005 President's Faculty Awards for Excellence Committee
- 1996-2005 University Athletic Committee
- 2001-2002 Duquesne University Faculty Insight Group
- 1997-2000 Faculty Senate Assembly
- 1994-1998 International students mentor

DUQUESNE UNIVERISTY SCHOOL OF PHARMACY

- 2007 - Chair - Graduate School of Pharmaceutical. Sciences Curriculum Committee
- 2007 - 2008 Member - Graduate School Council, Pharmaceutical Sciences
- 2006 - 2007 Member - Graduate School Review/Self-Study Committee
- 2006 – 2007 Chair - Graduate School Review - Adequacy of Resources Sub-committee
- 2006 Chair - Graduate School by Laws Committee Chair
- 2002 - 2005 Member -School of Pharmacy Faculty Excellence Award Committee
- 2002 - 2010 Faculty Patron of Duquesne University Student National Pharmaceutical Association (SNPhA)
- 2000 – 2001 Member - School of Pharmacy Accreditation (Faculty and Staff) Committee
- 1994 - Member - Faculty Development Committee - School of Pharmacy

- 1994 – 1995** Member - B.S committee of the Entry-level Pharm.D Program
- 1994 – 1995** Admission Committee of the Entry-level Pharm. D. Program
- 1990 – 1997** Coordinator, Pharmaceutics/Manufacturing Presentation: School of Pharmacy Open House
- 1990 – 1993** Coordinator of Medicinal Chemistry/Pharmaceutics Seminars

ROOSEVELT UNIVERISTY

UNIVERSITY LEVEL

- 2014 - Faculty Trustee, Roosevelt University Board
- 2010 – 2014 Member, Senate Executive Council, Roosevelt University
- 2010 – 2013 Member, Roosevelt University Institutional Review Board
- 2011- 2014 Senate Executive Sub-Committee on Handbook Review
- 2011 Senate Executive Sub-Committee on Faculty Activity Report
- 2012 Senate Executive Sub-Committee on Scholarship
- 2012/2013 Senate Executive Committee on Performance Evaluation
- 2012- 2014 Advisory Board Member – Office of International Admissions and Programs
- 2012-Present University Faculty Personnel Committee

COLLEGE OF PHARMACY

- 2012-2014 Chair, International Study Abroad Task Force
- 2012-2013 Chair, SIR-II Student Evaluation Task Force
- 2012-2013 Chair, Performance and Promotion Standards Task Force
- 2012-2014 Chairs Meeting with Classes and liaisons
- 2014-Present Liaison – International Study Abroad Program
- 2014-Present Chair, Graduate Program Task Force

NATIONAL ASSOCIATIONS

- | Year | Positions/Association |
|--------------------|--|
| 2009- | International Pharmaceutical Excipients Council (IPEC) of The Americas |
| 2009 - 2012 | Member, AAPS Fellows Selection Committee |
| 2009 - 2012 | Chair, MSOC, Association of American Pharmaceutical Scientists (AAPS) |
| 2007- 2008 | Chair, Qualification Sub-Team, MSOC, Association of American Pharmaceutical Scientists |
| 2006 - 2012 | Member of Board, Nigerian Association of Pharmacists and Pharmaceutical Scientists in the Americas (NAPPSA) |
| 2006 -2007 | AAPS’s PDD/PT Section – Mission and Vision Committee
The mission of the PDD Section is to serve its membership and the public by fostering basic and applied research within the discipline of pharmaceutics and drug delivery and pharmaceutical technology |
| 2004- | President, Drugs for AIDS and HIV Patients (DAHP) – a faith based tax-exempt organization. USA); Registered NGO in Nigeria
Project: Prevention of HIV/AIDS among Youths, Prevention of Mother-to-child Transmission and Care for Orphans and Vulnerable Children |
| 2002-2004 | Chair, AAPS Preformulation Focus Group |
| 2000-2004 | Member, Impurities Working group of AAPS/FDA/Product Quality Research Initiatives (PQRI) |

- 2002 -** Member of the planning committee: AAPS First Annual Pharmaceutics and Drug Delivery Conference, Crystal Gateway Marriott, Arlington, VA
- 2003** Sub-Chair, AAPS- PT section, 2003 Annual Meeting Abstract Screening Committee
- 1995-1998** Member: Warner-Lambert Capsugel Focus Group on Expert System for Formulation Support of Hard Gelatin Capsules.

SCHOLARLY JOURNAL REVIEWER

- 1994 -** Journal of Microencapsulation
- 1995 -** Journal of Drug Targeting
- 1996 -** Journal of Pharmaceutical Sciences
- 2000 -** Int. J. Pharmaceutics
- 2000 -** International Journal of Pharmaceutical Compounding
- 2000 -** Journal of Pharmacy and Pharmacology
- 2000 -** Drug Development and Industrial Pharmacy
- 2002 -** Journal of Controlled Release
- 2001 -** AAPS PharmSci. AAPS on-line journal
- 2002 -** AAPS PharmSciTech. AAPS on-line journal

EDITORIAL BOARD MEMBERSHIP

Journal of Antivirals, Antiretrovirals Research and Therapy
Biomed Research International (Pharmaceutics)

EXTERNAL EXAMINER/REVIEWER (GRADUATE STUDENTS AND FACULTY)

- USA
- Japan
- India
- Jamaica
- Nigeria
- Jordan
- Saudi Arabia
- Ghana

AMERICAN ASSOCIATION OF PHARMACEUTICAL SCIENTISTS (AAPS)

ABSTRACT SCREENER

- 2000** AAPS Meeting Abstract Screening Coordinator (PDD section)
- 2001** Ad Hoc AAPS Meeting Abstract Screener

NATIONAL INSTITUTE OF HEALTH (NIH) REVIEW SECTION PANELIST

2001 – Present: Reviewer - National Institute of Health

COMMUNITY SERVICE IN NIGERIA

Founder: Drugs for AIDS and HIV Patients (DAHP)

- **Prevention Awareness and Education**
 - HIV/AIDS awareness and prevention education to high school children in the Southwest of Nigeria (over 5000 children in 8 schools)
 - Publication of a book on HIV/AIDS awareness and prevention in 2005, targeted at high school children. The title is “Out of the Mouths of Children...and What Adults Should Know about HIV/AIDS.
 - Prevention-of-mother-to-child transmission (PMTCT) of HIV/AIDS

Founder: Sarah Extended Family Homes for Children (A Mission of DAHP) – Care for children from kindergarten to the university

- Osogbo
- Ogbomoso

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

- American Association of Pharmaceutical Scientists (AAPS)
- American Association of University Professors (AAUP)
- American Association of Colleges of Pharmacy (AACCP)
- International Pharmaceutical Federation (FIP)
- International Society of Pharmaceutical Engineering (ISPE)
- International Pharmaceutical Excipients Council (IPEC) of The Americas