

**EMORY UNIVERSITY SCHOOL OF MEDICINE
STANDARD CURRICULUM VITAE FORMAT**

1. Name: Ighovwerha Ofotokun, MD, MSc
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Division of Infectious Diseases
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3. E-mail Address: iofotok@emory.edu
4. Citizenship: United States Citizen
5. Current Titles and Affiliations:
 - a. Academic Appointments:
 - i. Primary Appointments:
 1. Associate Professor of Medicine, Division of Infectious Diseases, School of Medicine: 2010 - Present
 - b. Clinical Appointments:
 1. Staff Physician; Grady Memorial Health System Infectious Disease Program: 2003 – Present
 - a. Other Administrative Appointments:
2. Previous Academic and Professional Appointments:
 - i. Medical Officer, Eku Baptist Hospital Nigeria: 1990 – 1994
 - ii. Instructor, School of Medicine, University of Michigan: 1998 – 1999
 - iii. Assistant Professor of Medicine, University of Kentucky: 2001 – 2003
 - iv. Assistant Professor of Medicine, Emory University School of Medicine: 2003 – 2010
3. Previous Administrative and/or Clinical Appointments:
 - i. Chief Medical Officer, Eku Baptist Hospital, Nigeria: 1993-1994
 - ii. Staff Physician, Ann Arbor Veteran Affairs Medical Center: 1998 – 1999
 - iii. Staff Physician University of Kentucky Medical Center: 2001 – 2003
 - iv. Director, Antimicrobial Stewardship, University of Kentucky Hospital: 2001 – 2003
4. Licensures/Boards:
 - i. Michigan Board of Medical Licensure (inactive) Issued: 1995
 - ii. Kentucky Board of Medical Licensure (inactive) Issued: 2001
 - iii. Georgia Board of Medical Licensure (active) Issued: 2003
5. Specialty Boards:
 - i. American Board of Internal Medicine Board: 1999, 2009

- ii. American Board of Internal Medicine Board (Infectious Diseases): 2002, 2012
6. Education
 - i. B.Sc. Pharmacology, University of Ibadan, Nigeria: 1980 – 1983
 - ii. MB:BS: University of Benin, Nigeria: 1985 – 1990
 - iii. M.Sc: Emory University, Atlanta, GA: 2003 – 2005
7. Postgraduate Training:
 - i. Internship in Internal Medicine, University of Michigan, Ann Arbor, Dr. JC Kolars: 1995 – 1996
 - ii. Residency in Internal Medicine, University of Michigan, Ann Arbor, Dr. P. Kazanjian: 1996 – 1998
 - iii. Fellowship, Infectious Diseases, University of Michigan, Ann Arbor, Dr. D. Markovitz: 1999 – 2001
8. Continuing Professional Development Activities:
 - i. Master of science in Clinical Research: 2003 – 2005
 - ii. Emory Medicine Professional Leadership Enrichment and Development Program, EM-ProLEAD: 2015
9. Military or Government Service:
 - i. Nigerian National Youth Service Corp, 1984-1985
10. Committee Memberships:
 - a. National and International:
 - I. Special Appointment
 1. FDA advisory committee: Anti-Infective Drugs Advisory Committee, Special Government Employee/Consultant: 2015 – Present
 - II. NIH-Funded AIDS Clinical Trials Group (ACTG)
 1. ACTG Pharmacology Committee, Member: 2002 – 2007
 2. ACTG Underrepresented Population Working Group Member, 2004 – 2007
 3. ACTG Women’s Health Committee, Member: 2005 – 2007
 4. NIAID/ACTG Combination Task Force on novel antiretroviral combinations for treatment naïve HIV-infected subjects, Member: 2007 – 2011
 5. ACTG Translational Research and Drug Development Committee, Member: 2007 – 2009
 6. Study Monitoring Committee (DSMB) for the ACTG, Member: 2007 – 2009
 7. ACTG 5257 study, A Phase III Comparative Study of Three Non-Nucleoside Reverse Transcriptase Inhibitor (NNRTI)-Sparing Antiretroviral Regimens for Treatment-Naïve HIV-1-Infected Volunteers (The ARDENT Study: Atazanavir, Raltegravir, or Darunavir, with Emtricitabine/Tenofovir for Naïve Treatment), Protocol vice-Chair: 2008 – Present
 8. Study Monitoring Committee (DSMB) for ACTG, co-Chair: 2009 - 2012
 9. ACTG 5299 study, A Randomized, Placebo Controlled Phase 1 Study to Assess the Safety, Pharmacokinetics, and Antiviral Efficacy of Subcutaneous Ibalizumab, an anti-CD4 Monoclonal Antibody, in HIV-1 Infected Patients, Protocol Chair: 2010 – 2014

10. Protocol Member: ACTG 5303 study, A Phase 2b, Double-Blind, Placebo-Matched Exploratory Randomized Trial to Determine the Bone, Immunologic, Virologic, and Neurocognitive Effects of a Novel Maraviroc-Containing Antiretroviral Regimen in Treatment-Naïve Patients Infected with R5-Tropic HIV-1, Protocol Member: 2010 – Present
11. ACTG Bone Working Group, Member: 2012 – Present
12. ACTG Antiretroviral Therapy Strategies Subcommittee, Member: 2014 – Present
- III. NIH-Funded Women Interagency HIV Study (WIHS)
 1. WIHS National Executive Committee, Member: 2012 – Present
 2. WIHS Pharmacology Working Group, Member: 2012 – Present
 3. WIHS Metabolic/Cardiovascular Working Group, Member: 2012 – Present
 4. WIHS Female Genital Tract/Pathogenesis Working Group, co-Chair: 2014 – Present
- IV. Infectious Diseases Society of America (IDSA)/HIV Medicine Association (HIVMA):
 1. Research Committee, Member: 2013 – Present
 2. HIVMA Research Award Committee, Member: 2013 – Present
- V. Other National/International Services:
 1. Invited Participant in the NIAID sponsored forum “Opportunity for improving HIV diagnosis, prevention & access to care in the US: 2007
 2. Nigerian Medical School Curriculum Review Committee – Reviewed and revised the national curriculum for medical education: 2011 – 2013
 3. Resource consultant, Nigerian Government experts committee on Ebola virus disease and other emerging infections diseases: 2014
- b. Regional:
 1. Kentucky HIV/AIDS Advocacy & Action Group, Member: 2001 – 2003
 2. Clinical Interaction Network Scientific Advisory Committee for Atlanta Clinical and Translational Science Institute, Member 2008 – 2015
 3. Atlanta Clinical and Translational Science Institute (ACTSI) Scientific Advisory Board, Member: 2008 – Present
 4. Executive Committee of the Research Education, Training and Career Development (RETCD) of the Atlanta Clinical and Translational Science Institute (ACTSI), Member: 2009 – Present
 5. Clinical Interaction Network Scientific Advisory Committee for Atlanta Clinical and Translational Science Institute, Chair: 2015 – Present
- c. Institutional:
 1. Antimicrobial Subcommittee, University of Kentucky Hospital, Chair: 2001 – 2003
 2. Pharmacy & Therapeutic Committee, University of Kentucky Hospital, Member: 2001 – 2003
 3. University of Kentucky Hospital Pharmacy Policy and Operations Team, Member: 2002 – 2003

4. Infection Control Committee, University of Kentucky Hospital, Member: 2002 – 2003
 5. University of Kentucky Center for AIDS Research, Member: 2002 – 2003
 6. Emory Infectious Diseases Division Education Committee, Member: 2005 – 2012
 7. Emory University Dept. of Medicine Early Career Committee, Member: 2006 – 2010
 8. Emory Center For AIDS Research Internal Scientific Advisory Committee, Member: 2006 – Present
 9. Grady Health System Pharmacy and Therapeutic Committee, Member: 2007 – Present
 10. Emory University Clinical Investigator's Advisory Council, Member: 2008 – Present
 11. Executive Committee for Emory University Medical Student Research, Member: 2009 – 2013
 12. Department of Medicine Faculty Development Activities, Participant: 2011
 13. Department of Medicine Promotion and Tenure Committee, Member: 2011 – 2014
 14. Emory Medical Care Foundation Research Committee, Member: 2012 – Present
 15. Department of Medicine Faculty Development Activities, Invited Speaker: 2012
 16. Department of Medicine Faculty Development Activities, Invited Speaker: 2013
 17. Department of Medicine Career Development Awards (CDA) Committees: I chair 2 of these committees and serve as member on 2 additional ones: 2013 – Present
 18. School of Medicine Faculty Committee for Appointment and Promotion: 2014 – Present
 19. Emory University Center for AIDS Research, Co-Director, Clinical Core: 2015 – Present
 20. Grady Infectious Diseases Program (Grady IDP) Research Steering Committee, Chair, 2015 – Present
 21. Executive Committee for the Division of Infectious Diseases, Emory University School of Medicine, Member, 2015 – Present
11. Peer Review Activities:
- a. Grants:
 - i. National and International:
 - a. NIH and other Study Sections
 1. Ad hoc Reviewer for NIH (NIAID) Center for AIDS Research Supplemental Grant: 2003
 2. Ad hoc Reviewer for Michael Smith Foundation for Health Research: Grant, British Columbia, Canada: 2003 – 2005
 3. Ad-hoc Reviewer for the AIDS Clinical Trials Group: 2005 – Present
 4. Ad hoc Reviewer NIH Study Section – AIDS Clinical Studies and Epidemiology [ACE]: 2011 – 2014
 5. Ad hoc Reviewer – NIH Special Emphasis Panel – ZRG1 BDA-Q 02 R:PAR10 066 international collaborative project career development. 2012
 6. Ad hoc Reviewer – NIH Special Emphasis Panel – 05 ZAI1 EWS-A (M1) 1P01: 2013

7. NIH Study Section: Charter Member of the AIDS Clinical Studies and Epidemiology [ACE] Study Section: 2012 – Present

ii. Regional:

- a. Study Reviewer for the Atlanta Clinical and Translational Science Institute (ACTSI) KL2-Mentored Clinical and Translational research Scholar (MCTRS) Program: 2009 – Present
- b. Study Protocol Reviewer for the Atlanta Clinical and Translational Science Institute (ACTSI) Clinical Interaction Network: 2009 – Present

iii. Institutional:

- a. Reviewer for Emory Center for AIDS Research – R03 grants: 2008 – Present
- b. Reviewer, Emory Medical Care Foundation Grant: 2012 – Present
- c. Ad-hoc Reviewer for University Research Committee: 2014

b. Manuscripts:

- 1. Antiviral Therapy, 2003 – Present
- 2. Clinical Infectious Diseases, 2003 – Present
- 3. Clinical Therapeutics, 2006 – Present
- 4. Expert Opinion on Pharmacotherapy, 2007
- 5. Future Medicine, 2008
- 6. HIV Clinical Trials, 2008 – Present
- 7. Journal of AIDS Research and Human Retroviruses, 2008 – Present
- 8. Journal of Clinical Nephrology, 2008
- 9. Journal of Clinical Microbiology, 2008
- 10. The Lancet, 2013 – Present
- 11. Open Forum Infectious Diseases, 2014
- 12. African Journal of Laboratory Medicine, 2014 – Present
- 13. Journal of Acquired Immunodeficiency, 2014 – Present

c. Conference Abstracts:

i. National and International – Abstract Review:

International Conference of African Society of Laboratory Medicine, 2014 – Present

Infectious Diseases Society of America Annual Conference, 2015 – Present

ii. Institutional:

Medical Student Research Day – Abstract Judge 2012 – Present

Department of Medicine Research Day – Abstract Judge 2013 – Present

12. Consultantships:

Otsuka Pharmaceutical Development & Communication: 2008 – 2010

13. Editorships and Editorial Boards:

Antiviral Therapy, Member, Editorial Board: 2014 – Present

14. Honors and Awards

a. Emory Division of Infectious Diseases Shanta M. Zimmer Mentorship Award: 2010

b. Fellow of the Infectious Diseases Society of America: 2012

c. HIV Medicine Association (HIVMA) National Research Award: 2013

d. Department of Medicine Shanthi V. Sitaraman Silver Pear Mentorship Award: 2014

e. Emory Global Health Institute Fellow: 2014

15. Society Memberships:

a. Infectious Disease Society of America: 2000 – Present

b. HIV Medicine Association: 2003 – Present

c. International AIDS Society (IAS): 2006 – Present

d. South Society for Clinical Investigation: 2008 – Present

e. American College of Clinical Pharmacology: 2008 – Present

16. Organization of Conferences:

a. National and International:

i. Administrative Positions:

Member of the Organizing Committee: The NIH sponsored Annual National Pre-doctoral (TL1) Programs Meeting: 2012 – Present.

ii. Sessions as Chair:

Nigerian Institute of Medical Research Annual Scientific Conference, Lagos, Nigeria: Chair for Grant Writing session, 2012

Infectious Diseases Society of America (IDSA)/NIH Research Fellows Meeting, Bethesda, MD: Chair, Mentoring Session: 2013

Nigerian Institute of Medical Research 2nd International Scientific Conference, Abuja, Nigeria: Chair for HIV/AIDS session, 2014

Co-chair, Microbiome seminar organized by NIH/WIHS/MACS, May 13, 2014, Bethesda, MD

Co-chair, HIV complications and end-organ damage session at the Infectious Diseases Society of America annual conference “IDWEEK”, October, 2015.

b. Regional:

i. Administrative Positions:

Member of the Organizing Committee of the 3rd Annual Workshop on Antiviral Pharmacometrics, University of Alabama, Birmingham, AL: 2007

17. Formal Teaching:

a. Medical Student Teaching:

1. Infectious Diseases Workshop on antibiotics for M-3, University of Kentucky: 2001 – 2003
2. M3 Preceptor – University of Kentucky Clerkship Program (MD821): 2001 – 2003
3. M2 Preceptor – Emory University Clinical Methods: 2003 – 2004
4. Infectious Diseases Lecture Series, Emory University M3: 2003 – 2005
5. Prologue II: Emory University M2 annual workshop on antiretroviral drugs and mechanisms of HIV drug resistance: 2007 – Present
6. Annual Malaria Lecture: A 1 hour didactic lecture to M2 student: 2009 -2012
7. Critical Review of the Medical Literature: Annual Medical Students' Discovery Phase Lecture: 2010 – 2013
8. Review of Medical School Discovery Phase Research Proposals: 2010 - 2013
9. Grading of Medical School Discovery Phase Final Research Project Submissions: 2010 – 2013
10. Precepts M3/M4 during their monthly infectious diseases outpatient clinic rotation through the Grady Infectious Diseases Program (between 4 – 6 students a year in half day/week clinic): 2003 – Present

b. Graduate Programs

i. Residency Programs:

- a. Infectious Diseases lecture series: Internal Medicine Noon Conference, University of Kentucky: 2001 – 2003
- b. Precepts medicine house staff during their monthly infectious diseases outpatient clinic rotation through the Grady Infectious Diseases Program (about 3 residents per year in half day/week clinic): 2003 – Present
- c. Infectious Diseases lecture series: Medicine Noon Conference, Emory University: 2008

ii. Fellowship Programs:

- a. Annual case of the week presentation to Infectious Diseases fellows: 2003 – Present
- b. Didactic lectures to infectious Diseases Fellows: 2003 – Present
- c. Co-director – infectious diseases monthly journal club: 2008 – Present

iii. Master's and PhD Programs:

- a. Co-Director: Emory University Masters of Science in Clinical Research (MSCR) monthly Journal Club: 2009 – Present
- b. Invited speaker at Emory MSCR Clinical Trial Design, Conduct, and Analysis; BIOS520M on “CONSORT and other publishing guidelines”: 2010 – 2013
- c. Co-Director: MSCR592: Emory University MSCR Clinical Research Colloquium Course: 2011 – Present
- d. Co-Director: Atlanta Clinical and Translational Science Institute TL1 (Pre-doctoral) training program: 2012 - Present

c. Other Categories:

- i. Lecturer, Physician Assistance Infectious Diseases Core lecture: University of Kentucky: 2001 – 2003
- ii. Co-Director, Emory Ethiopia Fogarty Scholar and MEPI Scholar Programs Journal Club: 2013 – Present
- iii. Co-Director, Emory Republic of Georgia Fogarty Scholar Program Journal Club: 2013 – Present
- iv. Co-Program Director of the Atlanta Clinical and Translational Science Institute (ACTSI) KL2 Program: 2015 – Present
- v. Program Director, Emory Building Interdisciplinary Research in Women's Health (BIRCWH): 2015 – Present

18. Supervisory Teaching:

- a. Postdoctoral Fellows Directly Supervised (served as primary research mentor during infectious diseases fellowship training, master of science in clinical research, and/or M4 Discovery Phase):

Table 1. Previous and Current Mentees				
	Name, Year, Position at start of mentorship	Project and Mentorship Role	Accomplishment	Mentee's Current Position (2015)
Current Mentees (alphabetical order)				
1	Aguirre, Alfredo BS 2014 Emory Medical Student Discovery Phase	Do plasma or hair antiretroviral drug concentrations predict persistent low-level viremia among HIV-infected women? (Research co-mentor)	1 mentored abstract (submitted)	Emory Medical Student
2	Delille, Cecile, MD, MSc. 2011 – 2013 ID Fellow 2013 – Present Emory Faculty	Compartmental antiretroviral drug penetrations in women (Primary research mentor)	3 mentored peer-reviewed publications ^{2,4,6} MSCR degree BMS Virology Fellowship Award (2013) NIH-funded institutional KL2 Award (2014) Emory Medical Care Foundation Award (2015) NIAID K23 submission – under review	Assistant Professor, Division of infectious Diseases, Emory
3	Donahue-Carlson, Renee, MD 2014 – Present ID Fellow	Impact of microbiome changes on antiretroviral (atazanavir, darunavir, and raltegravir) exposure in the FGT (Primary research mentor)	Accepted into the Emory MSCR program (2014) BMS Virology Fellowship Award (2014)	Clinical Fellow, Division of Infectious Diseases, Emory
4	Jone, Khadija 2014 – Present Emory Undergraduate	Isolation and comparison of Cervical Vaginal Lavage and Peripheral Blood Mononuclear Cells In Women With HIV To Understand The Reliability Of their use in flow cytometry experiments (Primary research mentor)	1 mentored abstract	Emory University Undergraduate – Biology Major
5	Dugan, Katherine, MA 2014 Emory Medical Student Discovery Phase	Effect of lopinavir on human papillomavirus (HPV) infection and cervical cytology among HIV-infected women (Primary Research Mentor)	1 mentored peer-reviewed publication 2 mentored poster abstract presentation 1 mentored oral abstract presentation	Emory Medical Student
6	Haddad, Lisa, MD, MPH 2009 – 2011 Family Planning Fellow, 2011 – Present Emory Faculty	Safe family planning in high risk population (Primary research mentor)	1 mentored publication ¹⁷ 2 mentored book chaptered MPH degree NICHD K 23 award (2014)	Assistant Professor, Dept. of OB-GYN, Emory
7	Kempker, Russell, MD. 2013 – Present Emory Faculty	Anti-TB PK in cavitary lesions (Research co-mentor)	1 mentored publication ¹⁸ NIAID K 23 (2013)	Assistant Professor, Division of Infectious Diseases, Emory
8	Caitlin Moran, MD. 2014 – Present ID Fellow	Predictors of cardiovascular risk in HIV infected women (Primary research mentor)	BMS Virology Fellowship Award (2015)	Clinical Fellow, Division of Infectious Diseases, Emory

Table 1. Previous and Current Mentees				
	Name, Year, Position at start of mentorship	Project and Mentorship Role	Accomplishment	Mentee's Current Position (2015)
9	Schechter, Marcos 2014 – Present ID Fellow	Monitoring responses to Isoniazid Preventive Treatment in HIV-infected individuals (Research co-mentor)		Clinical Fellow, Division of Infectious Diseases, Emory
10	Sheth, Anandi MD 2008 – 2011 ID fellow 2011 – Present Emory Faculty	Pharmacologic modulation of FGT mucosal immunity (Primary research mentor)	4 mentored publications ^{2-4,6,17,19} 2 mentored book chapters IAS young investigator Award (2011) NIH-funded institutional KL2 Award (2012) Emory Medical Care Foundation Award (2012) NIAID K 23 Award (2014)	Assistant Professor, Division of infectious Diseases, Emory
11	Titanji, Kehmia, PhD 2012 – Present Emory Faculty	B-cell dysregulation and complications of chronic HIV-infection (Primary Research Mentor)	2 mentored publication ² NIH K01 application (within fundable range) pending funding decision, 2015	Instructor, Division of Endocrinology, Emory
Previous Mentees (alphabetical order)				
12	Ambinder, Emily B. MD, MSc 2010 – 2012 MSCR student Medical student	Antiretroviral induced bone loss (Primary research mentor)	1 mentored Publication ¹⁰ Completed Emory MSCR Recipient of the 2012 CROI Investigator Award Recipient of the 2012 IDSA Medical Scholars Program in the Laboratory Recipient of the 2012 Carolyn L. Kuckein Student Research Fellowship Award	Radiology Residency, Johns Hopkins University
13	Gohkhale, Runa MD 2008 Emory Medicine residency	TDF Associated ARF and Fanconi Syndrome in ART Naive HIV Patients: Risk Assessment (Primary research mentor)		Epidemic Intelligence Service (EIS) at CDC
14	Grim, Shellee, PharmD 2001 – 2003 University of Kentucky Pharmacy Residency	Clinical HIV/AIDS and Antiretroviral Therapy (Primary clinical mentor)	2 mentored Publications	Clinical Assistant Professor, College of Pharmacy, University of Illinois, Chicago, IL
15	Gutman, Julie, MD, MSc 2008 – 2010 Emory Faculty	Antimalarial PK in <i>P. falciparum</i> infected pregnant women in Brazil (Research co-mentor)	NIH-funded institutional KL2 Award (2008)	Epidemiologist, Malarial Branch, CDC
16	Smithson, Sarah, MD, MPH 2005 Emory Medical Student	Liver Enzymes Elevation and Immune Reconstitution among Naive HIV+ Patients Instituting ART. (Primary research mentor)	1 Mentored Publication ²⁰	Assistant Professor of Medicine, UNC, Chapel Hill, NC
17	Kelly White, PharmD 2006 – 2008 Grady Pharmacy Residency	Evaluation of the Efficacy and Safety of Enfuvirtide Therapy in HIV patients at Grady Health System (Research co-mentor)	1 Mentored Publication ²¹	Senior Clinical Science, Manager, Abbott, Laboratories, Boston, MA
18	Zaeh, Sandra, MD, MPH 2013 Emory Medical Student Discovery Phase	TB screening in HIV-infected individuals in resource limited setting. (Primary research mentor)	1 Mentored Publication ¹⁸ Recipient of the 2012 CROI Investigator Award Recipient of the 2012 IDSA Medical Scholars Program Award Recipient of the 2012 Emory Global Health Institute Individual Field Scholars Award Recipient of the 2012 Benjamin H. Kean Fellowship in Tropical Medicine Award	Internal Medicine Residency, John Hopkins University

b. Residency Program:

1. Consultation Attending Physician, Fellowship Training Program, Infectious Diseases: 2003 – Present
2. Consultation Attending Physician, Medicine Residency Training Program: 2003 – Present

c. Dissertation/Thesis Committees:

1. Member, MSCR thesis committee for Seema P. Kini, MD, MSc: 2009 – 2011
2. Member, MSCR thesis committee for Jennifer A. Whitaker, MD, MSc: 2010 – 2012

3. Member, MSCR thesis committee for Edward A. Stenehjem, MD, MSc: 2010 – 2012
 4. Member, PhD dissertation for Amanda M. James, PhD: 2010 – 2013
 5. Member, MRSC thesis committee for Ashish Mehta, MD, MSc: 2011 – 2013
 6. Member, MSCR thesis committee for Christina Correnti, MD, MSc: 2012 – 2014
 7. Member, MSCR thesis committee for Duc Tran, MD: 2013 – 2015
 8. Member, MSCR thesis committee for Kobina Wilmot, MD: 2013 – 2015
- d. Other (Direct supervision of junior faculty research and career development):
1. Anandi N. Sheth, MD, Assistant Professor, Division of Infectious Diseases, Department of Medicine, KL2 Scholar (2012 – 2014), K23 recipient (2014 – 2019). I have served as Dr. Sheth's primary mentor since 2011 – present (2008-2011 she was in training as an ID fellow).
 2. Lisa Haddad, MD, MPH, Assistant Professor, Dept. of Obstetric and Gynecology, K23 recipient (2014 – 2019). I have served as Dr. Haddad's primary mentor since 2009 – present (2009-2012, she was a family planning post-doctoral fellow)
 3. Cecile A. Delille, MD, MSc, Assistant Professor, Division of Infectious Diseases, Department of Medicine, KL2 Scholar (2014 – 2016). I have served as Dr. Delille's primary mentor since 2010 – present (2010 – 2013, she was in training as an ID fellow).
 4. Kehmia Titanji, PhD, Instructor, Division of Endocrinology, Department of Medicine, Submitted a NIH K01 with a fundable score from recent review, awaiting funding decision. I have served as the co-primary mentor for Dr. Titanji since 2012 – present.
19. Lectureships, Seminar Invitations, and Visiting Professorships:
- a. National and International:
1. Antibiotic treatment of intra-abdominal infections: Western Pennsylvania Hospital Internal Medicine Conference, 2001, Pittsburgh, PA
 2. Antimicrobial control Effort, University of Kentucky experience: Wayne Ebrite Young Investigators Conference, 2002, West Point, PA
 3. Experience in Academic Clinical Research Career in HIV/AIDS: Connecting with Care: Minority HIV Care Providers. 2005, Miami, FL
 4. HIV-management update: CME Program, Nigerian Association of Pharmacists and Pharmaceutical Scientists in the Americas, 2007, Tampa, FL
 5. Impact of Protein Binding on HIV-protease Inhibitors Pharmacokinetics, Antiviral Clinical Pharmacology Laboratory, University of Alabama, 2007, Birmingham, AL
 6. HIV Pharmacotherapy update: University of Alabama at Birmingham Antiviral Clinical Pharmacology Lab, 2010, Birmingham, AL
 7. Medical School Curriculum: Integration of Basic and Medical Sciences: Presented to the Medical School Review Committee Constituted by the Federal Ministry of Health, 2011, Abuja, Nigeria
 8. Pathogenesis of HIV-induced Bone Loss, Infectious Diseases Seminar, Drexel University, 2011, Philadelphia, PA

9. Translational approach towards understanding the long term complications of HIV infection with emphasis on the skeletal system: Internal Medicine Ground Rounds, (Visiting Professor), University of Michigan Medical Center, 2012, Ann Arbor, MI

b. Regional:

1. Antifungal therapy in HIV/AIDS. Symposium on Antifungal therapy in the New Millennium, 2001, Lexington, Ky
2. HIV/HCV co-infection. Post IDSA/ICAAC symposium, 2002, Lexington, Ky
3. Sex differences in nevirapine clearance. BIRCWH/K-30 retreat, 2002, Lexington, Ky
4. Skin and Soft Tissue Infections, Medical Noon Conference, Medical Center of Columbus, 2004, Columbus, GA
5. Infective Endocarditis; Medicine Ground Round, Medical Center of Columbus, 2004, Columbus, GA
6. Important Drug-drug interaction in HIV management: Medicine noon conference, Medical Center of Columbus, 2006, Columbus, GA
7. Update in HIV Pharmacotherapy: Internal Medicine Grand Rounds, Medical Center of Columbus, 2006, Columbus, GA
8. Pharmacology of Antiretroviral Drugs: Mexican HIV/AIDS opinion leaders. 2006, Atlanta, GA
9. HIV Prevention in Rural African Communities Using Small Media Technology. Center for Diseases Control and Prevention (CDC), Global AIDS Project. 2006, Atlanta, GA
10. HIV Management Update: CME Program Atlanta Medical Center, 2006, Atlanta, GA
11. Antiretroviral Resistance: Genotypes & Phenotypes: GA State Ryan White Meeting. 2007, Atlanta, GA
12. HIV/AIDS in 2009; Update and Surgical Issues: Grand Rounds, Morehouse School of Medicine, Department of Surgery, 2009, Atlanta, GA
13. Translation approach towards understanding the impact of HIV-infection in women. Center for Disease Control and Prevention, 2014, Atlanta, GA.

c. Institutional:

1. West Nile Virus: Neurology Ground Rounds, University of Kentucky, 2002, Lexington, Ky
2. Sex differences in the pharmacological effects of the antiretroviral drugs Emory University Infectious Diseases Seminar, 2003, Atlanta, GA
3. Impact of Sex/Gender on the Effects of Antiretroviral Drugs: Grady IDP Physician Assistant Day Lecture, 2003, Atlanta, GA
4. Assisted Reproductive Technique for HIV-infected Couples; Grady Infectious Diseases Program, 2006, Atlanta, GA
5. Antiretroviral Pharmacokinetics, Grady Infectious Diseases Program Didactics, 2007, Atlanta, GA
6. Emerging Challenges in HIV Pharmacotherapy: Emory Medicine Ground Rounds, 2010, Atlanta, GA

7. Long-Term Complications of HIV-disease Management: The Bone. Emory University Infectious Diseases Seminar, 2010, Atlanta, GA
 8. K-award to R01 Conversion: Emory University Pediatric Department, 2011, Atlanta, GA
 9. Long-Term Complication of HIV-disease Management: The Bone. Emory University Infectious Diseases Seminar, 2011, Atlanta, GA
 10. Translational approach towards understanding the long term complications of HIV infection with emphasis on the skeletal system: Emory Infectious Diseases Seminar, 2012, Atlanta GA
 11. Translational approach towards understanding the long term complications of HIV infection with emphasis on the skeletal system: Atlanta VA Medical Center, 2012, Atlanta, GA
 12. Updates – HIV and antiretroviral induced bone loss: Atlanta VA Medical Center, 2013, Atlanta, GA
 13. Translational approach towards understanding long-term complications of HIV diseases management – Emory Cardiology Research Seminar, 2013, Atlanta, GA
 14. Translational approach towards understanding long-term complications of HIV diseases management – Emory Infectious Diseases Research Seminar, 2013, Atlanta, GA
 15. Translational approach towards understanding long-term complications of HIV diseases management – Emory Digestive Division Ground Rounds (Internal Visiting Professor), 2014, Atlanta, GA
 16. K-club – Transition from K-award to independence in research: Emory University Pediatric Dept. 2014, Atlanta, GA
 17. Translational approach towards understanding the long term complications of HIV infection with emphasis on the skeletal system: Atlanta VA Medical Center, 2014, Atlanta, GA
20. Invitations to National/International, Regional, and Institutional Conferences:
- a. National and International:
 1. Understanding the infective process of the HIV infection. 8th Conference of Association of Nigerian Physicians in the Americas, 2002, Atlanta, GA
 2. Mechanisms of HIV pathogenesis and disease progression in human. 9th Conference of Association of Nigerian Physicians in the Americas, 2003, Chicago, IL
 3. HIV Prevention in Rural African Communities Using Small Media Technology. 11th Conference of Association of Nigerian Physicians in the Americas, 2005, Nashville, TN
 4. Pharmacokinetic Consideration in Antiretroviral therapy: Invited Speaker at Mexico HIV Congress, 2006, Merida, Mexico
 5. HIV-management update: National Conference of The Nigerian Association of Pharmacists and Pharmaceutical Scientists in the Americas, 2007, Atlanta, GA
 6. Update in HIV-Disease Management: National Conference of The Nigerian Association of Pharmacists and Pharmaceutical Scientists in the Americas, 2008, Tampa, FL
 7. Update in HIV-Disease Management: National Conference of The Nigerian Association of Pharmacists and Pharmaceutical Scientists in the Americas, 2010, Tampa, FL

8. HIV and Bone Disease: Mexico National Infectious Diseases Annual Meeting, 2011, Puebla, Mexico
 9. Translational Approach Towards Understanding the Long Term Complications of HIV Infection. Nigerian Institute of Medical Research Annual Scientific Symposium, 2011, Lagos, Nigeria
 10. Translational Approach Towards Understanding the Long Term Complications of HIV Infection. National Institute of Allergy and Infectious Disease (NIAID)/Infectious Diseases Society of America (IDSA) Infectious Diseases Research Careers Meeting, 2013, Bethesda, MD
 11. Translational Approach Towards Understanding the Long Term Complications of HIV Infection. Nigerian Institute of Medical Research Annual Scientific Symposium, 2013, Lagos, Nigeria
 12. Finding and keeping a mentor. National Institute of Allergy and Infectious Disease (NIAID)/Infectious Diseases Society of America (IDSA) Infectious Diseases Research Careers Meeting, 2013, Bethesda, MD
 13. HIV Reservoir in women – novel Pharmacokinetics / Pharmacodynamics approaches – Women Interagency HIV Study/Multicenter AIDS Cohort Study/ National Institute of Allergy and Infectious Diseases joint annual meeting, 2014, Bethesda, MD
 14. Updates in HIV disease management - National Conference of The Nigerian Association of Pharmacists and Pharmaceutical Scientists in the Americas, 2014, Orlando, FL
 15. Ebola virus disease: Nigerian Institute of Medical Research 2nd International Scientific Conference, 2014. Abuja, Nigeria.
- b. Regional:
- i. Individualized HIV Treatment Strategy – State of the Art Lecture: Southern Society for Clinical Investigation Annual Meeting, 2014, New Orleans, LA
21. Abstract Presentations at National/International, Regional, and Institutional Conferences:
- a. National and International:
1. Sitwala K, Faulkner N, Mor-Vaknin N, **Ofotokun I**, Adams B, Markovitz D. Expression and Mechanism of Action of DEK. International Congress of Immunology. 2001.
 2. **Ofotokun I**, Rapp RP, Empey, et al. Result of a four-year effort to control the use of antimicrobial agents at a University-affiliated hospital. 40th IDSA meeting, Chicago Oct 22-27, 2002. Abstract 601.
 3. **Ofotokun I**, Pomeroy C, McNamara P. Sex difference in nevirapine clearance. 41st IDSA meeting, San Diego Oct 9-12, 2003. Abstract 87.
 4. O'Neil KL, **Ofotokun I**, Googe H, Patel M. Evaluation of the efficacy and safety of enfuvirtide therapy in HIV patients at Grady Health System, 39th ASHP Midyear Clinical Meeting, Orlando Florida Dec 5-9, 2004. Abstract PR 76
 5. **Ofotokun I**, Smithson S, Lu C, Easley KA, Lennox JL. Association between Hepatitis B and C Sero-status Antiretroviral Related Liver Enzymes Elevation and Immune Reconstitution Among Treatment Naïve HIV-Infected Patients. Presented at the 43rd annual meeting of the Infectious Diseases Society of America. Oct. 6-9, 2005 San Francisco. Abstract #876
 6. **Ofotokun I.**, Binongo J.N.G., Favaloro-Sabatier J., Easley K.A., Lennox J.L., Kane M. Knowledge, Attitudes, Beliefs and Practices of Residents of Three Rural African

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11. King JR, **Ofotokun I**, Rivas M, Johnson VA, Acosta EP. Integrating Pharmacokinetics and Antiretroviral Resistance Testing in Clinical HIV-1 Management. Accepted, 15th Conference on Retroviruses and Opportunistic Infections, Boston, MA, Feb. 3 – 6, 2008.
12. **Ofotokun I**, Lennox L, Eaton M, Ritchie J, Acosta E. Immune Activation Mediated Change in the Plasma Binding Protein Alpha-1-Acid Glycoprotein Alters Plasma Lopinavir Concentrations. Program and Abstracts of the 17th Conference on Retroviruses and Opportunistic Infections, February 16-19, 2010 at Moscone Center West in San Francisco, CA. Abstract #N-105.
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of Lopinavir/Ritonavir and Raltegravir in Virologically Suppressed HIV-infected Patients is Safe and Well Tolerated (The KITE Study). Program and Abstracts of the 6th International AIDS Society Conference, July 17 – 23, 2011. Abstract # CDB272.

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22. Landovitz RJ, Tran TTT, Cohn SE, **Ofotokun I**, Lennox JL, Currier JS, Ribaud HJ. HIV Transmission Risk Behavior in a Cohort of HIV-Infected Treatment-Naïve Men and Women in the United States. 20th Conference of Retroviruses and Opportunistic Infections, Atlanta, GA, 2013.
23. Zaeh S, Kempker R, Stenehjem E, Blumberg HM, **Ofotokun I**, Tenna A. Improving Tuberculosis Screening and Isoniazid Preventative Therapy in an HIV Clinic in Addis Ababa, Ethiopia. 20th Conference of Retroviruses and Opportunistic Infections, Atlanta, GA, 2013.
24. Delille CA, Pruett ST, Marconi VC, Armstrong WS, Lennox JL, Arrendale RF, Sheth AN, Easley KA, and **Ofotokun I**. Degree of Plasma Protein Binding Affects Central Nervous System (CNS) Penetration of the HIV-1 Protease Inhibitors. *2nd Annual NIAID/IDSA Research Careers Meeting*. June 6-8, 2013. Bethesda, Maryland.
25. Wang K, D'Argenio D, Sheth A, Lennox JL, Acosta EP, and **Ofotokun I**. Integrated Model of Lopinavir Pharmacokinetics and HIV-1 Viral Dynamics: The Role of α -1-acid Glycoprotein Binding. 2013 ACoP, Fort Lauderdale, FL.
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27. Landovitz RJ, Ribaud HJ, **Ofotokun I**, Wang H, Baugh BP, Leavitt RY, Rooney JF, Seekins D, Currier JS, and Lennox JL and the A5257 Study Team. Efficacy and tolerability of atazanavir, raltegravir, or darunavir with FTC/tenofovir. 21st Conference of Retroviruses and Opportunistic Infections, 3-6 March 2014, Boston. Oral abstract 85.
28. **Ofotokun I**, Ribaud H, Na L, McComsey G, Cohn S, Godfrey C, Sagar M, Aweeka F, Lennox J, Currier J. Darunavir or atazanavir versus raltegravir lipid changes are unlinked to

ritonavir exposure: ACTG 5257. 21st Conference of Retroviruses and Opportunistic Infections, 3-6 March 2014, Boston. Poster abstract 746.

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30. Delille CA, Burk RD, Palefsky JM, Massad LS, Reimers L, Minkoff H, Xie X, D'Souza G, Xue X, Colie C, Anastos K, Dugan KB, Wingood G, Strickler HD, **Ototokun I**. Lopinavir Use and Human Papillomavirus (HPV) Infection in HIV Positive Women. (Poster). 29th International Papillomavirus Conference. August 21-25, 2014. Seattle, Washington.
31. Aguirre AJ, Mehta C, **Ototokun I**, Gandhi M, Hussen SA, Merenstein D, Kashuba AD, Anastos K, Kempf MC, Golub ET, Greenblatt RM, Dehovitz JA, Milam J¹, Cohen MH¹, Sheth The prevalence of persistent low-level viremia and virologic failure among a cohort of HIV-infected women on antiretroviral therapy. CFAR Symposium on HIV Research in Women. December 8-9, 2014. Buffalo, NY.
32. Vardhanabhuti S, Ribaudo H, Raphael Landovitz R, **Ototokun I**, Lennox J, Currier J, Olson L, Haas D. *UGT1A1* Genotype Predicts Bilirubin-related Discontinuation of Atazanavir/Ritonavir. 22nd Conference of Retroviruses and Opportunistic Infections, Seattle, WA, 2015
33. Swaims A; Evans-Strickfaden T; Lupo LD; Aguirre A; Sheth S; **Ototokun I**; Hart C; Haaland R. Progesterone Increases are Associated With HIV Susceptibility Factors in Women. 22nd Conference of Retroviruses and Opportunistic Infections, Seattle, WA, 2015

b. Regional:

1. McIntosh E, Vunnava A, Lennox JL, Weitzmann MN, and **Ototokun I**. Suppression of formation threatens delayed-phase bone loss in virologically HIV+ individuals on chronic ART. 2012 Southern Regional Meetings, New Orleans, LA.
2. Zaeh S, Kempker R, Stenehjem E, Blumberg HM, **Ototokun I**, Tenna A. Improving Tuberculosis Screening and Isoniazid Preventative Therapy in an HIV Clinic in Addis Ababa, Ethiopia. 2013 Southern Regional Meetings, New Orleans, LA.
3. Delille CA, Burk RD, Palefsky JM, Massad LS, Reimers L, Minkoff H, Xie X, D'Souza G, Xue X, Colie C, Anastos K, Dugan KB, Wingood G, Strickler HD, **Ototokun I**. Lopinavir Use and Human Papillomavirus (HPV) Infection in HIV Positive Women. (Poster). 2015 Southern Regional Meetings, February 26-28, New Orleans, LA.

c. Institutional:

1. **Ototokun I**, Lennox L, Long M, Ritchie J, Acosta E Circulating levels of alpha-1-acid glycoprotein do not affect free lopinavir pharmacokinetic profile. 2010 Department of Medicine Research Day, Emory University, Atlanta, GA.
2. **Ototokun I**, Weitzmann NM, Vunnava A, Sheth A, Villinger F, Zhou J, Williams EB, Sanford SE, Rivas M, and Lennox JL. HAART-Induced Immune Reconstitution: A Driving Force Behind Bone Resorption in HIV/AIDS. 2011 Department of Medicine Research Day, Emory University, Atlanta, GA.
3. McIntosh E, Vunnava A, Lennox JL, Weitzmann MN, and **Ototokun I**. Suppression of formation threatens delayed-phase bone loss in virologically HIV+ individuals on chronic ART. 2012 Medical Students Research Day, Emory University, Atlanta, GA.

4. Zaeh S, Kempker R, Stenehjem E, Blumberg HM, **Ofotokun I**, Tenna A. Improving Tuberculosis Screening and Isoniazid Preventative Therapy in an HIV Clinic in Addis Ababa, Ethiopia. 2013 Medical Students Research Day, Emory University, Atlanta, GA.
5. Delille CA, Pruett ST, Marconi VC, Armstrong WS, Lennox JL, Arrendale RF, Sheth AN, Easley kA, and **Ofotokun I**. Degree of Plasma Protein Binding Affects Central Nervous System (CNS) Penetration of the HIV-1 Protease Inhibitors. 2013 Department of Medicine Research Day, Emory University, Atlanta, GA.
6. Delille CA, Dugan KB, Burk RD, Palefsky JM, Massad LS, Reimers L, Minkoff H, Xie X, D'Souza G, Xue X, Colie C, Anastos K, Wingood G, Strickler HD, **Ofotokun I**. Lopinavir Use and Human Papillomavirus (HPV) Infection in HIV Positive Women. 2014 Department of Medicine Research Day, Emory University, Atlanta, GA.

22. Research Focus:

My research is focused on clinical/translational work in women's health in the setting of HIV/AIDS with emphasis on antiretroviral clinical pharmacology and long-term (bone) complications of HIV disease management. I am also committed to mentoring and career development for the next generation of translational investigators in women's HIV/AIDS research.

23. Grant Support:

a. Active Support:

i. Federally Funded

- | | | |
|-----------------------------|-------------|---------------------|
| 1. NIH-K12 (Sterk HD085850) | 2015 – 2020 | 1.2 calendar months |
| NICHD | Annual Cost | \$ 348,045 |

Emory BIRCWH Program: This program will provide career development training and support for early career investigators interested in women's health research and sex/gender science. The ultimate goal is to develop the next generation of leaders in women's health research.
Role: Co-Investigator/Program Director

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|--------------------------------|-------------|--------------------|
| 2. NIH-R01 (Ofotokun AR068157) | 2015 – 2020 | 1.2 calendar month |
| NIAMS | Annual Cost | \$744,074 |

Accelerated Bone Loss in Aging HIV-infected Individuals: Bone loss is an established complication of aging, HIV/AIDS and ART. This project will improve our understanding of the mechanisms involved and how HIV/AIDS and ART affect bone loss in the context of aging. This knowledge is necessary to devise novel therapeutic strategies to preserve/restore bone mass to prevent bone fracture.
Role: Co-Principal Investigator (MPI)

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|--------------------------------|-------------|---------------------|
| 3. NIH-U01 (Ofotokun AI103408) | 2013 – 2017 | 2.7 calendar months |
| NIAID | Annual Cost | \$2,400,001 |

Emory WIHS CRS - Longitudinal Cohort: The purpose of this proposal is to recruit and retain a diverse cohort of eligible women representative of the local epidemic in the state of Georgia into the Women Interagency HIV Study cohort.
Role: Co-Principal Investigator (MPI)

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|--------------------------------|-------------|---------------------|
| 4. NIH-R01 (Ofotokun AG040013) | 2011 – 2016 | 2.4 calendar months |
| NIA | Annual cost | \$595,426 |

Bone Loss and Immune Reconstitution in HIV/AIDS: Osteoporosis is a well known complication of HAART, but the mechanisms remain poorly defined. This proposal will investigate a new hypothesis exploring how immune reconstitution following HAART initiation leads to rapid bone loss. Also, we will test and evaluate the effects of an acute anti-resorptive

b. Mentored Awards

1. NIH K23 (Sheth AI114401) 2014 – 2019
 NIAID Annual Cost \$174,036
Characterization and modulation of mucosal immunity for HIV prevention in women: This study seeks to understand the mucosal immune environment of HIV negative at-risk women and to test the concept that this environment could be pharmacologically modified using a combined antiviral and anti-inflammatory drug in order to inform HIV pre-exposure prophylaxis options for women. This 5-year mentored research-training award additionally supports integrated pharmacology and immunology training to support career development.
 Role: Primary Mentor
2. NIH K23 (Haddad HD078153) 2014 – 2019
 NICHD Annual Cost \$127,035
Impact of progestin contraception on risk of HIV acquisition and transmission: This project will explore the potential mechanisms associated with HIV risk of progestin contraception, and assess the relative impact of 3 progestin-only contraceptives (DMPA, Eng-Implant and Lng-IUD) on surrogates of HIV susceptibility within the female genital tract.
 Role: Primary Mentor
3. NIH KL2 (Lahiri [Scholar] KL2TR000455) 2014 – 2016
 NCATS Annual Cost \$131,000
Defining Antiretroviral Pharmacokinetics and Viral Dynamics in HIV-1 Reservoirs: The objectives of this study are to examine the relationship between the pharmacokinetics of dolutegravir and HIV viral decay in blood plasma, peripheral blood mononuclear cells, and rectal tissue using the novel strategy of Pharmacokinetic-Viral Dynamic (PK-VD) modeling.
 Role: Primary Mentor
4. EMCF (Lahiri) 2015 – 2016
 Emory Medical Care Foundation Total Cost \$29,940
Examining Sex Differences in Antiretroviral Pharmacokinetics and Viral Dynamics in HIV-1 Reservoirs: This project will accomplish the following; 1) Validate a novel PK-viral dynamic (VD) model in blood plasma (BP) using dolutegravir (DTG), 2) Develop PK-VD models to describe relationships between DTG exposure and viral load decay in PBMC and rectal tissue reservoirs, and 3) Use PK-VD modeling to investigate sex differences in DTG exposure-response relationships in BP, PBMC, rectal tissue.
 Role: Primary Mentor
5. BMS (Donahue-Carlson) 2014 – 2015
 Bistol-Myers Squibb Virology Fellowship Total Cost \$20,000
Microbiome Composition and Female Genital Tract Compartmental Antiretroviral Drug Exposure in HIV-infected Women: This study will explore the interaction between compartmental antiretroviral drug concentrations and the community of bacterial organisms, the microbiome, in the female genital tract. The findings from this study are aimed to optimize the choice of antiretroviral therapy for the prevention of HIV transmission among women.
6. URC (Titanji) 2015 – 2020
 University Research Committee Total Cost \$30,000
Reversing HIV-induced B cell dysfunction with bisphosphonate: This proposal will investigate the contribution of HIV-induced B cell dysfunction to the development of a global pro-inflammatory state that leads to end-organ damage in aging HIV-infected individuals. We will also interrogate whether this pro-inflammatory state can be ameliorated by treatment with a potent, long acting bisphosphonate, zoledronic acid.

7. NIH K01 (Titanji HL131333) 2015 – 2020
NIHLBI Annual Cost Pending
Reversing HIV-induced B cell dysfunction with bisphosphonate: This proposal will investigate the contribution of HIV-induced B cell dysfunction to the development of a global pro-inflammatory state that leads to end-organ damage in aging HIV-infected individuals. We will also interrogate whether this pro-inflammatory state can be ameliorated by treatment with a potent, long acting bisphosphonate, zoledronic acid.
Role: Primary Mentor
- c. Pending Support:
1. NIH R01 (Ofotokun AR07009) 2016 – 2021 1.2 calendar months
NIAMS Annual Cost \$ 756,399
IL-4, a key regulator of bone turnover in HIV and ART: This project aims to understand the mechanism of bone loss in the setting of HIV infection. It will quantify the role of IL-4 in the altered B-cell OPG and RANKL and enhanced bone resorption associated with ART-naïve HIV-infected subjects and employ state-of-the-art animal models to define the sources and mechanistic functions of IL-4 in the maintenance of physiological bone mass by direct actions on osteoclasts and indirect actions through OPG.
Role: Co-Principal Investigator (MPI)
- d. Previous Support:
1. NIH-R01 (Ofotokun AR059363) 2009 – 2015 2.7 calendar months
NIAMS Annual cost \$639,646
Effect of HIV Infection and HAART on Bone Homeostasis: This study will investigate the impact of HIV/HAART on Bone Homeostasis and examine the correlation between B cell and T cell OPG and/or RANKL production in treatment-naïve HIV-infected patients, with indices of bone turnover and structure.
Role: Principal Investigator (MPI)
2. NIH-R21 (Gandhi AI112362) 2014 – 2015 0.6 calendar months
NIAID/NIH Annual Cost \$189,000
Hair measures to assess adherence and explain outcomes in an HIV clinical trial: This proposal seeks to extend the approach of using hair antiretrovirals levels to monitor adherence and exposure to the HIV treatment trial setting in the AIDS Clinical Trials Group (ACTG) to further test our methodology in a clinical trial which randomized treatment-naïve patients to 3 NNRTI-sparing regimens (ACTG 5257).
Role: Co-Investigator
3. Bill & Melinda Gates Foundation (Acosta) 2009 – 2010 1.2 calendar month
Total cost \$244,110
Antiretroviral Quantitation and Modeling in the Female Genital Tract: The goal of this project is to generate predictive PK model to guide the use of antiretrovirals in HIV pre-exposure prophylaxis.
Role: Co-Principal Investigator.
4. NIH K-23 (Ofotokun A1073119) 2007 – 2012 9.0 calendar months
NIAID Annual Cost: \$128,007
Impact of Plasma α -1-acid Glycoprotein Variability on Lopinavir Levels: The goal of this program is to enable recipient develop an academic career in clinical research under

protected mentored environment.

Role: Principal Investigator.

5. Merck/Abbott Laboratories Inc. (Ofotokun) 2007 – 2012 0.12 calendar month
Total Cost \$600,000
A Pilot Study to Assess the Safety, Efficacy, and Pharmacokinetic Profile of a Switch in Antiretroviral Therapy to a Reverse Transcriptase Inhibitor Sparing Combination of Lopinavir/Ritonavir and Raltegravir in Virologically Suppressed HIV-infected Patients
Role: Principal Investigator.
6. Emory K-12 (David Stephens RR017643) 2006 – 02007 9.0 calendar months
NIH Annual Cost: \$120,000
Impact of Plasma α -1-acid Glycoprotein Variability on Free (unbound) Lopinavir Pharmacokinetics in HIV-Infected Subjects: The goal of this program is to enable recipient develop an academic career in clinical research under protected mentored environment.
Role: Trainee/Principal Investigator
7. NIH-R01 (Acosta AI058696) 2004 – 2008 1.2 calendar months
NIAID Annual Cost: \$125,000
Integrating Pharmacokinetics and Antiretroviral Resistance Testing: The primary goals of this project are establish prospective validity and short-term clinical efficacy of a novel methodology that integrates antiretroviral pharmacokinetic information and drug susceptibility data in order to effectively manage highly treatment resistant patients.
Role: Co-investigator.
8. ACTG MATP (Ofotokun; PI) 2004 – 2006 3.8 calendar months
NIAID Total Cost: \$92,000
Adult AIDS Clinical Trials Group Minority Training Fellowship Program: This a mentor-oriented HIV/AIDS clinical research training award under the mentorship of Dr. Lennox. Role: Trainee.
9. Office of Global AIDS Coordinator: 2005 – 2006 3.8 calendar months
PEPFAR Total Cost: \$183,538
Integrating Digital-Audio Technology and Orality-Based HIV Education to Enhance Awareness: The goal of this project is to scientifically evaluate Voice for Humanity's rural HIV awareness campaign in Africa.
Role: Principal Investigator for Monitoring and Evaluation.
10. Emory Medical Care Foundation (Ofotokun; PI) 2005 – 2007
Total Cost: \$24,675
Pharmacokinetics of an indinavir/ritonavir/amprenavir: The primary goal of this project is to evaluate the pharmacokinetic interaction between these protease inhibitors when concomitantly administered to HIV infected patients.
Role: Principal Investigator.
11. Abbott Laboratories Inc. Ofotokun (PI) 2005 – 2008 0.60 calendar month
Total Cost: \$98,000
Once Daily lopinavir/ritonavir: A 24-hour Pharmacokinetic Profile to Evaluate Sex Differences
The major goal of this project is to evaluate the sex differences in lopinavir/ritonavir pharmacokinetics.
Role: Principal Investigator.

24. Bibliography:

- a. Published and Accepted Research Articles (clinical, basic science, other) in Refereed Journals:
 1. **Ofotokun I**, Carlson C, Gitlin S et al, Acute cytomegalovirus infection complicated by vascular thrombosis: a case report. *Clin Infect Dis* 2001;32:983-6. PMID: 11247723.
 2. Grim SA, Smith KM, Romanelli F, **Ofotokun I**. Treatment of azole-resistant oropharyngeal candidiasis with topical amphotericin B. *Ann Pharmacother* 2002;36:1283-6. PMID: 12196056.
 3. Ree R, Jennings JR, **Ofotokun I**. Chronic Mucocutaneous Candidiasis. *JAAPA* 2002;15:67-70. PMID: 12012589.
 4. Rapp, R.P., Evans, M.E., Martin, C., **Ofotokun, I.**, Empey, K.L., and Armistead, J.A. Drug Costs and bacterial susceptibility after implementing a single-fluoroquinolone use policy at a university hospital. *Curr Med Res Opinion* 2004;20:469-47.
 5. Martin C, **Ofotokun I**, Rapp R, Empey K, Armitstead J, Pomeroy C, Hoven A, Evans M. Results of an antimicrobial control program at a university hospital. *Am J Health Syst Pharm.* 2005;62(7):732-8. PMID: 15790801.
 6. **Ofotokun I**, Smithson S, Lu C, Easley KA, Lennox JL. Liver Enzymes Elevation and Immune Reconstitution among Treatment Naïve HIV-Infected Patients Instituting Antiretroviral. *Am J Med Sci* 2007;334(5):334–341. PMID: 18004087
 7. **Ofotokun I**, Chuck S, Binongo J, Palau M, Lennox J, Acosta E. Lopinavir/ritonavir pharmacokinetic profile: The impact of sex and other covariates following a change from twice daily to once daily therapy. *Clin Pharmacol.* 2007;47:970-7. PMID: 17615254.
 8. **Ofotokun I**, Acosta E, Lennox J, Pan Y, Easley K. Pharmacokinetics of an indinavir-ritonavir- fosamprenavir regimen in patients with human immunodeficiency virus. *Pharmacotherapy.* 2008;28:74-81. PMID: 18154477.
 9. **Ofotokun I**, Chuck SK, Schmotzer B, O'Neil KL. Formulation preference, tolerability and quality of life assessment following a switch from lopinavir/ritonavir Soft Gel capsule to tablet in human immunodeficiency virus-infected patients. *AIDS Res Ther.* 2009 Dec 22;6:29. PMID: 20028544.
 10. **Ofotokun I**, Biningo J, Rosenberg E, Kane M, Iffland R, Lennox J, Easley K. Culturally-adapted and Audio-technology Assisted HIV/AIDS Awareness and Education program in rural Nigeria: a cohort study: *BMC Int Health Hum Rights.* 2010;10:2. PMID: 20181073
 11. Vikulina T, Fan X, Yamaguchi M, Roser-Page S, Zayzafoon M, Guidot DM, **Ofotokun I**, Weitzmann MN. Alterations in the immuno-skeletal interface drive bone destruction in HIV-1 transgenic rats. *Proc Natl Acad Sci U S A.* 2010;107:13848-53. PMID: 20643942.
 12. **Ofotokun I**, Lennox JL, Eaton ME, Ritchie JC, Easley KA, Masalovich SE, Long MC, Acosta EP. Immune Activation Mediated Change in Alpha-1-Acid Glycoprotein: Impact on Total and Free Lopinavir Plasma Exposure. *J Clin Pharmacol.* 2011 Nov;51:1539-48. PMID:21209245.
 13. **Ofotokun I**, Sheth AN, Sanford SE, Easley KA, Shenvi N, White K, Eaton ME, Del Rio C, Lennox JL. A Switch in Therapy to a Reverse Transcriptase Inhibitor Sparing Combination of Lopinavir/Ritonavir and Raltegravir in Virologically Suppressed HIV-Infected Patients: A Pilot Randomized Trial to Assess Efficacy and Safety Profile: The KITE Study. *AIDS Res Hum Retroviruses.* 2012 Apr 20. [Epub ahead of print]. PMID: 22364141.

14. Holstad M, Bauman M, **Ofotokun I**, Logwood S. Focus Group Evaluation of the LIVE Network, an Audio Music Program to Promote Antiretroviral Therapy (ART) Adherence Self-management. *Music and Medicine*. 2012;4(2):74-81. PMID:24013689
15. Acosta A, Limoli K, Trinh L, Parkin N, King J, Weidler J, **Ofotokun I**, Petropoulos C. Novel Method to Assess Antiretroviral Target Trough Concentrations Using In Vitro Susceptibility Data. *Antimicrob Agents Chemother*. 2012 Nov;56(11):5938-45. PMID:22964257
16. Ghasemzadeh N, Zhang L, Li Q, Wirtz S, Hritani A, Kumar S, **Ofotokun I**, Guest J, Taylor W, Quyyumi A, Mavromatis K. *J Am Coll Cardiol*. 2013;61(10_S): S0735-1097(13)61143-2.
17. James AM, King KR, **Ofotokun I**, Sheth AN, Acosta EP. Tenofovir and Emtricitabine Uptake into Non-Monocytic Female Genital Tract Cells with and without Hormonal Contraceptives. *Journal of Experimental Pharmacology* 2013;5:1-10.
18. Holstad M, **Ofotokun I**, Higgins M, Logwood S. The LIVE Network: A Music-based Messaging Program to Promote ART Adherence Self-management. *AIDS Behav*. 2013 Nov;17(9):2954-62. PMID:23934269
19. Zaeh S, Kempker R, Stenehjem E, Blumberg HM, **Ofotokun I**, Tenna A. Improving Tuberculosis Screening and Isoniazid Preventative Therapy in an HIV Clinic in Addis Ababa, Ethiopia. *Int J Tuberc Lung Dis*. 2013 Nov;17(11):1396-401. PMID:24125440
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