

## CURRICULUM VITAE

Adebowale A. Adeyemo, MD  
Deputy Director, Center for Research on Genomics and Global Health  
Staff Scientist, National Human Genome Research Institute  
National Institutes of Health  
Building 12A, Room 4047  
12 South Drive, MSC 5635  
Bethesda, MD 20892-5635  
T: (301) 594-7501  
E: [adeyemoa@mail.nih.gov](mailto:adeyemoa@mail.nih.gov)  
<http://crggh.nih.gov>

### EDUCATION

---

1981-1987 University of Ibadan, Ibadan, Nigeria  
Medical degree (MD): Bachelor of Medicine, Bachelor of Surgery (MBBS)  
Graduated with a Distinction in Anatomy and the Departmental Prize in Surgery

1989-1994 University College Hospital, Ibadan, Nigeria

- Residency training in Pediatrics and Genetics
- Completed residency with a Fellowship of the West African College of Physicians (FWACP)

### POST-DOCTORAL EDUCATION

---

- Bioinformatics training, including:
  - *Bioinformatics courses [Introduction to Bioinformatics, C Programming]*, University of Manchester, Manchester, UK: 09/2003 – 02/2004
  - *S\* Bioinformatics Online Course* : May - August 2004
  - *Multiple NIH/NCBI Courses: (1) A Field Guide to GenBank and NCBI Molecular Biology Resources (NIH/NCBI) (2) Exploring 3D Molecular Structures Using NCBI Tools (NIH/NCBI) (3) Enhanced Field Guide: Exploring sequences, genomes and structures (NIH/NCBI)*
- Institute 2001 Fellowship in Medical Education, Foundation for the Advancement of Medical Education and Research (FAIMER), Educational Commission for Foreign Medical Graduates (ECFMG), Philadelphia, USA. October 2001-November 2002
- Study Fellowship in Genetic Epidemiology, Department of Preventive Medicine & Epidemiology, Loyola University, Chicago, USA. September 1999 – August 2000.
- Exchange Research Scientist, Loyola University of Chicago, Department of Preventive Medicine & Epidemiology, Chicago, US. June-July 1998
- Short-Term Training in Data Analysis and Publication, ADDR Project (Nigeria), Harvard Institute for International Development. Ibadan. Nigeria. June & December, 1994
- Short-Term Training in Epidemiology, Biostatistics and Computing, West African Epidemiology Teaching Centre, Ibadan, Nigeria. June 1992

## EMPLOYMENT HISTORY & PROFESSIONAL EXPERIENCE

---

### **2010 till date: Center for Research on Genomics and Global Health, National Human Genome Research Institute, National Institutes of Health**

*Center Deputy Director*

Responsibilities include:

- Working with the Director to design and implement strategies for successful research, training and service outcomes
- Supervising CRGGH scientific and technical staff to assure quality and scientific productivity in achieving the strategic goals of the Center
- Serving as Training Director in assuring excellence in training and mentoring of postbacs, postdocs, fellows and visiting scientists
- Managing trans-NIH scientific collaborations as well as collaborations between the CRGGH and non-NIH institutions
- Serving as NHGRI/CRGGH liaison in the *Human Heredity and Health in Africa (H3Africa) Initiative* (a Common Fund initiative); serve on H3Africa Non Communicable Disease (NCD) Working Group
- Assisting the Director in the overall management of CRGGH scientific resources, including data, samples and infrastructure
- Represent the CRGGH in professional and public conferences including oral presentations
- Maintaining an active research program in own area of scientific expertise

### **2008 till date: Center for Research on Genomics and Global Health, National Human Genome Research Institute, National Institutes of Health**

*Staff Scientist*

Responsibilities included:

- Maintaining an active research program in own area of scientific expertise
- Supervising CRGGH scientific and technical staff to assure quality and scientific productivity
- Training and mentoring of postbacs, postdocs, fellows and visiting scientists
- Assisting the Director in the overall management of CRGGH scientific resources, including data, samples and infrastructure
- Represent the CRGGH in professional and public conferences including oral presentations

### **2003-2008 National Human Genome Center, Howard University**

*Deputy Director, Genetic Epidemiology Unit (2004-2008) & Senior Research Associate (2003-*

Responsibilities included:

- Study design and preparation of grant applications
- PI of one grant and co-investigator of three other grants
- Initiation and participation in genetic data analysis and manuscript preparation
- Supervision of Howard University Family Study and Admixture Mapping for Hypertension Study
- Informatics Manager for Howard University GCRC; Administration of Genetic Epidemiology Linux

**1998-2005 College of Medicine, University of Ibadan, Ibadan, Nigeria**

*Senior Lecturer*

Responsibilities included:

- Teaching: undergraduate and postgraduate pediatrics & genetics
- Research focus: genetic epidemiology & epidemiology of obesity, diabetes and hypertension
- Clinical responsibilities: ambulatory and inpatient care in pediatrics & genetics
- Chair, College of Medicine Information Technology Committee
- Member, University IT Committee
- Member, Institutional Review Board (IRB)

**1994-1998 College of Medicine, University of Ibadan, Ibadan, Nigeria**

*Lecturer*

- Teaching: undergraduate and postgraduate pediatrics & genetics
- Research focus: projects in child health and malaria
- Clinical responsibilities: ambulatory and inpatient care in pediatrics & genetics

**1992-1994 University College Hospital, Ibadan, Nigeria**

*Senior Registrar*

Responsibilities included:

- Clinical responsibilities: ambulatory and inpatient care in pediatrics & genetics
- Conducted dissertation research on *Craniofacial Dimensions In The Newborn*
- Supervised junior residents and house physicians
- Chief Resident of Department of Pediatrics - 1994

**1989-1992 University College Hospital, Ibadan, Nigeria**

*Senior House Officer/Registrar*

Responsibilities included:

- Clinical responsibilities: ambulatory and inpatient care in pediatrics
- Supervised house physicians
- Assisted in departmental clinical research

**1988-1989 National Service at Primary Health Center, Essene, Nigeria**

*Medical Officer*

- Sole physician at primary health center, with clinical responsibilities for all outpatient, emergency and inpatient care

**1987-1988 University College Hospital, Ibadan, Nigeria**

*Intern/House Physician*

Clinical rotations in Medicine, Surgery, Pediatrics and Obstetrics/Gynecology, with responsibilities in emergency, ambulatory and inpatient care

## PEER REVIEW & ADVISORY PANELS/BOARDS

---

- 2013** Co-Chair, Genome Analysis Working Group, H3Africa Consortium, 2013 till date
- Member, H3ABioNet Scientific Advisory Board, 2013 till date
- 2012** Member, Scientific Advisory Committee of the UK MRC International Nutrition Group ([http://www.ing.mrc.ac.uk/about\\_ing.aspx](http://www.ing.mrc.ac.uk/about_ing.aspx)): 2012-2014
- Member, Advisory Board of the RODAM (Research on Obesity & Diabetes among African Migrants) Project (<http://www.rod-am.eu/>) 2012 till date
- Special Emphasis Panel/Scientific Review Group 2012/05 ZDK1 GRB-2 (M3)-1 Nutrition Obesity Research Centers (P30), March 2012
- Reviewer for the Foundation for Science and Technology of Portugal, Health Sciences area, 'Medical Genetics & Functional Genomics' field, 2012
- 2011** Reviewer, Wellcome Trust (UK) Biomedical Science Programme, 2011
- External Advisory Panel, Center for Integrative Approaches to Health Disparities (<http://www.ciahd.org>), 2011 till date
- H3Africa Non-Communicable Disease Working Group, 2011-2012
- Editorial Board, *Current Obesity Reports*
- 2010** Reviewer, Foundation for Science and Technology of Portugal, Health Sciences area, 'Medical Genetics & Functional Genomics' field, 2010
- Member, Special Emphasis Panel/Scientific Review Group 2010/05 ZDK1 GRB-2 (M2) NIDDK Nutrition and Obesity Centers (NORC) Review. March 2010
- Reviewer of research grant applications for the National Research Foundation of South Africa, Competitive Support for Researchers Programme, 2010
- 2009** Member, NCMHD Special Emphasis Panel/Scientific Review Group 2009/10 ZMD1 PA (11) – Community Based Participatory Research applications. August 2009
- Reviewer of research grant applications for the National Research Foundation of South Africa, Competitive Support for Researchers Programme, 2009
- 2008-2012** Regular member, *Kidney, Nutrition, Obesity and Diabetes Epidemiology (KNOD) Study Section* National Institutes of Health (NIH)
- 2007-2008** National Institutes of Health (NIH) ad-hoc study section reviewer, *Kidney, Nutrition, Obesity and Diabetes Epidemiology (KNOD) Study Section*
- 1998-present** Manuscript reviewer for peer-reviewed journals, including: *Nature Genetics, PLoS Genetics, American Journal of Hypertension, Diabetes Care, Obesity, Transactions of the Royal Society of Tropical Medicine and Hygiene, Human Genetics, International Journal of Cardiology & Pharmacogenomics*

## RECENT INVITED TALKS

---

### **Solving Clinical Puzzles with Genomics**

*College of Medicine, University of Lagos, Lagos, Nigeria. June 19, 2014*

### **Whole Exome Sequencing (WES) versus exome arrays**

*H3Africa Consortium Meeting, Stellenbosch, South Africa. June 02, 2014*

### **Genetics of Type 2 Diabetes in Populations of African Ancestry**

*2<sup>nd</sup> African Diabetes Congress, Yaounde, Cameroon. February 26, 2014*

### **GWAS in Africa**

*Wellcome Trust: Genome Epidemiology in Africa, Entebbe, Uganda. September 19, 2013*

### **An Introduction to the Analysis of GWAS and Sequence Data**

*Joint Conference of the African Society of Human Genetics & H3Africa Consortium, Accra, Ghana. May 20, 2013*

### **Doing Genetic Epidemiology in Sub Saharan Africa**

*London School of Hygiene and Tropical Medicine, London, London, UK. April 09, 2013*

### **Overview of Epigenetics**

*Center for Integrative Approaches to Health Disparities Symposium for Junior Investigators, Jackson, MS, February 27- March 01, 2013*

### **Diabetes and Cardiovascular Disease**

*Why We Can't Wait: Conference to Remedy Health Disparities in Genomic Medicine, Miami, FL, May 31 – June 1, 2012*

### **Future Directions in Genetic and Genomic Research in Peoples of African Descent**

*Genetics of the Peoples of Africa and the Transatlantic African Diaspora. March 19-20, 2012, Chapel Hill, NC.*

### **Genomics Research in Africa: Concepts, Applications and Prospects**

*Prospects in Genomics Research in Africa. Lagos University Medical Society, Lagos, Nigeria. February 22, 2012*

### **Genomic Epidemiology of Hypertension in African Americans**

*Vasculata conference, Atlanta, GA, July 25-29, 2011*

### **(1) The Africa America Diabetes Mellitus (AADM) Study**

### **(2) Sample Collection and Data Management**

*Human Heredity and Health in Africa (H3Africa) Conference, March 4-5, 2011, Cape Town, South Africa*

### **The Genetics of Obesity in West Africans and African Americans**

*University of Alabama Nutrition and Obesity Research Center (NORC) Seminar Series, September 27, 2010*

## RESEARCH GRANTS AND AWARDS

---

### Ongoing research

1U54HG006947-01A1 *African Collaborative Center for Microbiome and Genomics Research (ACCME)*, Clement Adebamowo (PI), 2013-2017, (NIH/NHGRI/OD)

WT099316MA *Burden, Spectrum and Aetiology of Type 2 Diabetes in sub Saharan Africa*  
Albert Amoah (PI), 2012-2017  
The Wellcome Trust, UK

U54 H3Africa *Kidney Disease Research Network*  
Dwomoa Adu/Akilolu Ojo (co PIs), 2012-2017  
NIH/NHGRI/OD

MR/J008621/1 *Discovering podoconiosis susceptibility genes: from molecules to disease control for a 'neglected' NTD*  
Melanie Newport (PI), 2012-2015  
Medical Research Council, UK

### Completed research

S06-GM008016-32 *Admixture Mapping for Hypertension in African Americans*  
Adebowale Adeyemo (PI), 09/01/06-08/31/10  
NIH/NIGMS (MBRS/SCORE Program)

R01-DK072128 *Fine mapping and positional cloning of diabetes genes*  
Charles Rotimi (PI), 06/01/06 – 06/30/10  
NIH/NIDDK

079791/Z/06-NEWPORT *The genetic basis of podoconiosis: a model for gene-environment interactions*  
Melanie Newport & Gail Davey (PIs), 12/01/06-12/31/09  
The Wellcome Trust, UK

R01-HG002207 *Improving Consent in Genetic Research: An International Trial*.  
Patricia Marshall (PI), 9/26/2000 – 8/31/2008  
NIH/NHGRI

Co-Investigator, *Africa-America Diabetes Mellitus (AADM) Study*. NIH/NIDDK. PI: Charles, Rotimi, PhD. Howard University. 2003-2005

Co-Investigator, *Genetic Epidemiology of Hypertension in a Cohort of African American Families: Howard University Family Study*. NIH/NIGMS (MBRS/SCORE Program). PI: Charles, Rotimi, PhD. Howard University. 2003-2006

Principal Investigator, *Relative Contributions of Energy Expenditure and Energy Intake to Weight Gain: Implications for the Evolution of Impaired Glucose Tolerance to Frank Diabetes*. (10603/R0). International Atomic Energy Agency. 1999-2002

Co-Investigator. *Medical Informatics Training in Nigeria and Jamaica*. (D43 TW0 1278).

Adebowale A. Adeyemo, MD  
Center for Research on Genomics and Global Health  
Bldg 12A, Room 4047, 12 South Drive, MSC 5635, Bethesda, MD 20892-5635  
(301) 594-7501; adeyemoa@mail.nih.gov

DHSS/NIH/FIC. PI: Dan McGee, succeeded by Robert Woolson. Medical University of South Carolina. 1999-2003

Site Principal Investigator for Nigeria. *Hypertension In Populations of West African Origin*. (HL-45508) NIH/NHLBI. PI: Richard Cooper, Loyola University of Chicago. 1998-2003.

Co-Investigator, *Genetics of Obesity in Families of African Origin*. (DK-54001) NIH/NIDDK. PI: Dr. Charles Rotimi, Howard University, Washington. 2000-2003.

Site Principal Investigator for Nigeria, *Genetics of Hypertension in Blacks*. (HL-53353) NIH/NHLBI. PI: Richard Cooper, Loyola University of Chicago. 2000-2003.

Co-Investigator and Data Manager: *Malaria in the Aetiology of Diarrhoea*. Applied Diarrheal Diseases Project, Harvard Institute for International Development Principal Investigator: Dr O. Sodeinde. 1993-1995

Co-Investigator: *Evaluation of an educational intervention towards behaviour modification in the prevention of diarrhoea in Ona-Ara Local Government Area*. Applied Diarrheal Diseases Project, Harvard Institute for International Development. Principal Investigator: Dr O. O. Omotade. 1993-1995

Co-Investigator: *The sociocultural correlates of sexual behaviour and fertility regulation among adults in South West Nigeria*. Special Programme for Research, Development and Research Training in Human Reproduction, World Health Organisation. Principal Investigator: Dr. K. A. Obisesan. 1994-1996

Principal Investigator, *Improving the ability of primary health workers to manage children with multiple problems*. Problem Solving for Better Health Program, Dreyfus Health Foundation, New York. 1997-1999

## TEACHING & MENTORING

---

- 2013 Taught at the *Wellcome Trust: Genome Epidemiology in Africa* course, Entebbe, Uganda. September 19, 2013
- Co-taught a tutorial: *An Introduction to the Analysis of GWAS and Sequence Data* at the Joint Conference of the African Society of Human genetics & H3Africa Consortium, Accra, Ghana. May 20, 2013
- 2011-date Co-mentoring K99/R00 fellow: Dr. Azeez Butali, University of Iowa: *Genetic Studies Of Nonsyndromic Clefts in Populations of African Descent* - 5K99DE022378-02
- 2009-2010 Co-mentored the first PhD candidate in the CRGGH (Fasil Tekola, PhD) through his thesis research (**Genetic Epidemiology of Podoconiosis**) to the successful defense of the PhD thesis at the University of Sussex, Brighton, UK in May 2010
- Co-mentored PhD candidate Ms. Shantelle Lucas on thesis research (**NfKB and IKK-B in obesity and inflammation in African Americans**). Howard University degree awarded 2011
- 2008-2009 PhD thesis examiner for doctoral theses of the University of Cape Town, Cape Town, South Africa
- 2007 Mellon Visiting Scholar, University of Cape Town, South Africa, April 2007.

- Taught a 2-week *Seminar Series In Genetic Epidemiology* to staff and graduate students from the University of Cape Town and University of Stellenbosch, South Africa.
- 2006 Co-taught (with David Bentley, PhD) a *HapMap Tutorial* at 4<sup>th</sup> Annual Meeting of African Society of Human Genetics, Addis Ababa, Ethiopia. June 2006
- 2004 Taught two classes in the molecular epidemiology module of the 'Biology of Pathogens' course of the PhD Microbiology program: (1) *Molecular Epidemiology of Malaria Susceptibility Genes*, (2) *Identification of Disease Genes using the NCBI Genome Assembly*
- 2001-2002 Completed a one-year program in teaching methods in international medical education: *Institute 2001 Fellowship*, Foundation for the Advancement of Medical Education and Research (FAIMER), Educational Commission for Foreign Medical Graduates (ECFMG), Philadelphia, USA. October 2001-November 2002
- 1994-2003
- Taught the Clinical Genetics and Social Pediatrics modules in the medical curriculum of the University of Ibadan College of Medicine
  - Taught Clinical Genetics to graduate students and medical residents of the University College Hospital, Ibadan, Nigeria
  - Supervision of dissertation research of 5 senior residents in Pediatrics for the Fellowship of the West African College of Physicians / Nigerian National Postgraduate Medical College

#### RECENT PARTICIPATION IN PROFESSIONAL CONFERENCES & SYMPOSIA

---

- 2014
- 5<sup>th</sup> H3Africa Consortium Meeting**  
Dar-es-salaam, Tanzania. November 7-10, 2014  
Platform Presentation: *Report of the H3A Genome Analysis WG*
- 4<sup>th</sup> H3Africa Consortium Meeting**  
Stellenbosch, South Africa. June 02, 2014  
Invited Talk: *Whole Exome Sequencing (WES) versus exome arrays*  
Platform Presentation: *Report of the H3A Genome Analysis WG*
- 2<sup>nd</sup> African Diabetes Congress**  
Yaounde, Cameroon. February 26, 2014  
Invited Talk: *Genetics of Type 2 Diabetes in Populations of African Ancestry*  
Platform presentation: *The First GWAS and Exome Array Studies of Type 2 Diabetes in Africans*
- 2013
- 63<sup>rd</sup> Annual Meeting of The American Society of Human Genetics  
Boston, MA. October 22-26, 2013  
**Invited Session Chair**
- Joint Conference of the African Society of Human Genetics & H3Africa Consortium**  
Accra, Ghana. May 19-21, 2013
- Second H3Africa Consortium Meeting**  
Accra, Ghana. May 16-18, 2013
- Center for Integrative Approaches to Health Disparities Symposium for Junior Investigators**, Jackson, MS, February 27- March 01, 2013  
Invited Talk: *Overview of Epigenetics*

- 2012 **21<sup>st</sup> Annual International Genetic Epidemiology Society (IGES) Meeting**, Stevenson, WA, October 18-20
- Why We Can't Wait: Conference to Remedy Health Disparities in Genomic Medicine**, Miami, FL, May 31 – June 1, 2012,  
Invited Talk: Diabetes and Cardiovascular Disease
- Prospects in Genomics Research in Africa**. Lagos University Medical Society, Lagos, Nigeria. February 22, 2012  
Invited Talk: *Genomics Research in Africa: Concepts, Applications and Prospects*
- Genetics of the Peoples of Africa and the Transatlantic African Diaspora**. March 19-20, 2012, Chapel Hill, NC.  
Session Chair & Invited Talk: *Future Directions in Genetic and Genomic Research in Peoples of African Descent*
- 2011 **Genomic Opportunities for Studying Sickle Cell Disease**. NIH meeting, December 8-9, 2011. San Diego, CA
- Genomics: Gene Discovery and Clinical Applications for Cardiovascular, Lung and Blood Diseases** - NHLBI Symposium, September 12-12, 2011. Bethesda, MD
- Session Chair, **12th International Congress of Human Genetics, 11-15 October, 2011. Montreal, Canada**
- 12th International Congress of Human Genetics, 11-15 October, 2011. Montreal, Canada**  
Poster presentation: **Whole exome sequencing of populations of African ancestry**
- Vasculata** conference, Atlanta, GA, July 25-29, 2011  
Invited talk: *Genomic Epidemiology of Hypertension in African Americans*
- Session Chair, **71st Scientific Sessions, American Diabetes Association**, June 24-28, 2011. San Diego, CA
- The 2011 Joint Meeting of the African Society of Human Genetics (AfSHG) and Southern African Society of Human Genetics (SASHG)**, Cape Town, South Africa, March 6-9, 2011  
Platform presentation: *Whole Genome Gene Expression Profiling of Skeletal Muscle in Type 2 Diabetes in West Africans*
- Human Heredity and Health in Africa (H3Africa) Conference**, March 4-5, 2011, Cape Town, South Africa  
Platform presentations: (1) The Africa America Diabetes Mellitus (AADM) Study (2) Sample Collection and Data Management
- 2010 **60<sup>th</sup> Annual Meeting of the American Society of Human Genetics**, November 2-6, 2010. Washington DC
- University of Alabama Nutrition and Obesity Research Center (NORC) Seminar**, September 27, 2010

Invited Speaker, The Genetics of Obesity in West Africans and African Americans,

**H3Africa Working Group Project Meeting**, August 8-11, 2010, Oxford, UK

- 2009 **59<sup>th</sup> Annual Meeting of the American Society of Human Genetics, Honolulu, HI. October 2009**  
Poster presentation: *Comprehensive evaluation of FTO genetic variation shows associations with obesity in two populations of African origin.*  
**Obesity 2009: The 2009 Annual Meeting of the Obesity Society. Washington, DC. October 2009**  
Poster presentation: *FTO variants are associated with adult height in an African population.*  
**5<sup>th</sup> Annual Meeting of the African Society of Human Genetics, Yaounde, Cameroon. March 2009**  
Platform presentation: *Genetics, Genomics and Complex Disease in Admixed Populations: Lessons from an African American Population.* Adebowale Adeyemo, Charles Rotimi
- 2008 **America Diabetes Association 68<sup>th</sup> Scientific Sessions, San Francisco, CA. June 6-10, 2008**  
Poster Presentations:  
(1) *A common FTO gene variant is associated with type 2 diabetes in West Africans*  
(2) *Novel candidate genes for type 2 diabetes identified on chromosome 5 in West Africans*
- 2007 **5<sup>th</sup> Annual Conference, African Society of Human Genetics. Cairo Egypt. November 2-5, 2007.**  
Platform presentation: *Genetics of hypertension in Africa*
- CSR/OBSSR/NIH Peer Review Workshop. Hyatt Regency Bethesda, Bethesda, MD, September 20-21, 2007**
- 2006 **56<sup>th</sup> Annual Meeting, American Society of Human Genetics, New Orleans, LA. October 9-13, 2006**  
**2006 Joint Conference, African Society of Human Genetics & Ethiopian Medical Society, Addis Ababa, Ethiopia, June 3-5, 2006**  
Platform presentation: *The promise of whole genome admixture mapping for complex diseases*  
Teaching session: *Using HapMap Data*
- 2005 **55<sup>th</sup> Annual Meeting, American Society of Human Genetics. Salt Lake City, Utah. October 25-29, 2005**  
**2005 Joint Conference, African Society of Human Genetics & Southern African Society of Human Genetics, Mauldersdrift, Gauteng, South Africa**  
Platform presentation: *Using 372 Autosomal Microsatellite Markers to Investigate Genetic Structure in West African Populations*
- 2004 **2004 Mid-Atlantic Diabetes Research Symposium, National Institutes of Health, Bethesda, MD.**  
Platform presentation: *A Genome Scan for Serum Lipids in Type 2 Diabetes in West Africa;*  
Poster presentation: *Familial aggregation of diabetes and obesity-related traits among*

*African-Americans: the Howard University Family Study (HUFS)*

**2004 Genetic Analysis Workshop (GAW14), Noordwijkerhout, Holland**

Submission: *Comparing microsatellites and single nucleotide polymorphisms in genome wide linkage analysis for a categorical behavioral trait –the GAW14 simulated datasets*

**2004 National Medical Association Conference, San Diego, CA.**

Platform presentation: *Translational Genomics Research in the African Diaspora (T<sub>G</sub>RIAD) : IT infrastructure to support clinical study management and biobanking*

2003

**Centers for Disease Control (CDC) meeting, Accra, Ghana: “Developing a cardiovascular disease prevention and control program for Sub-Saharan Africa” First Annual Conference, African Society of Human Genetics (AfSHG), Accra, Ghana, December 2003.**

**2003 Mid-Atlantic Diabetes Research Symposium, National Institutes of Health, Bethesda, MD.**

Platform presentation: *The Genetics of Obesity in an African Population*

**PARTICIPATION IN PROFESSIONAL SOCIETIES**

---

- Member, American Society of Human Genetics
- Member, International Genetic Epidemiology Society (IGES)
- Member, African Society of Human Genetics
- Member, The Bioinformatics Organization, Inc (Bioinformatics.org)
- Member, IEEE Computer Society (www.computer.org)

**SERVICE TO NHGRI INTRAMURAL RESEARCH PROGRAM (2008-Date)**

- Member NHGRI Scientific Review Committee, 2013-
- Judge NIH FARE (Fellows Award for Research Excellence) travel awards 2010
- Judge NHGRI Scientific Retreat 2010 Poster Presentations

**SERVICE TO HOWARD UNIVERSITY COLLEGE OF MEDICINE & GENOME CENTER (2003-2008)**

---

- Informatics Manager General Clinical Research Center, Howard University, 2005-2008
- Informatics Liaison Translational Genomic Research in the African Diaspora (T<sub>G</sub>RIAD) Initiative of Howard University College of Medicine, 2005-2007
- UNIX/Linux System administrator Genetic Epidemiology Linux cluster and UNIX application server, National Human Genome Center, 2003-2008

**SERVICE TO UNIVERSITY OF IBADAN**

---

- Chair IT/Computer Committee, College of Medicine, University of Ibadan (1998-2003)
  - Member Institutional Review Board (IRB), Joint University of Ibadan-College of Medicine (2001-2003)
-

## PUBLICATIONS

**12 representative publications (from over 200 published papers)**

**Adeyemo A**, Bentley AR, Meilleur KG, Doumatey AP, Chen G, Zhou J, Shriner D, Huang H, Herbert A, Gerry NP, Christman MF, Rotimi CN. Transferability and Fine Mapping of genome-wide associated loci for lipids in African Americans. *BMC Med Genet.* 2012 Sep 21;13(1):88. [Epub ahead of print] PubMed PMID: 22994408.

**Adeyemo A**, Tayo BO, Luke A, Ogedegbe O, Durazo-Arvizu R, Cooper RS. The Nigerian antihypertensive adherence trial: a community-based randomized trial. *J Hypertens.* 2013 Jan;31(1):201-7. doi: 10.1097/HJH.0b013e32835b0842. PubMed PMID: 23137954; PubMed Central PMCID: PMC3530610.

Gbadegesin RA, **Adeyemo A**, Webb NJ, Greenbaum LA, Abeyagunawardena A, Thalagahagoda S, Kale A, Gipson D, Srivastava T, Lin JJ, Chand D, Hunley TE, Brophy PD, Bagga A, Sinha A, Rheault MN, Ghali J, Nicholls K, Abraham E, Halima J, Omolaja A, Barletta GM, Cai Y, Milford DD, O'Brien C, Awan A, Belostotsky V, Smoyer WE, Homstad A, Hall G, Wu G, Nagaraj S, Wigfall D, Foreman J, Winn MP; Members of the Mid-West Pediatric Nephrology Consortium. HLA-DQA1 and PLCG2 Are Candidate Risk Loci for Childhood-Onset Steroid-Sensitive Nephrotic Syndrome. *J Am Soc Nephrol.* 2014 Oct 27. pii: ASN.2014030247. [Epub ahead of print] PubMed PMID: 25349203.

Tekola Ayele F, **Adeyemo A**, Finan C, Hailu E, Sinnott P, Burlinson ND, Aseffa A, Rotimi CN, Newport MJ, Davey G. HLA class II locus and susceptibility to podocytosis. *N Engl J Med.* 2012 Mar 29;366(13):1200-8. PubMed PMID: 22455414; PubMed Central PMCID: PMC3350841.

**Adeyemo A**, Chen G, Zhou J, Shriner D, Doumatey A, Huang H, Rotimi C. FTO genetic variation and association with obesity in West Africans and African Americans. *Diabetes.* 2010 Jun;59(6):1549-54. Epub 2010 Mar 18. PubMed PMID: 20299471; PubMed Central PMCID: PMC2874717.

**Adeyemo A**, Gerry N, Chen G, Herbert A, Doumatey A, Huang H, Zhou J, Lashley K, Chen Y, Christman M, Rotimi C. A genome-wide association study of hypertension and blood pressure in African Americans. *PLoS Genet.* 2009 Jul;5(7):e1000564. Epub 2009 Jul 17. PubMed PMID: 19609347; PubMed Central PMCID: PMC2702100.

**Adeyemo A**, Rotimi C. Genetic variants associated with complex human diseases show wide variation across multiple populations. *Public Health Genomics.* 2010;13(2):72-9. Epub 2009 May 13. PubMed PMID: 19439916; PubMed Central PMCID: PMC2835382.

**Adeyemo AA**, Johnson T, Acheampong J, Oli J, Okafor G, Amoah A, Owusu S, Agyenim-Boateng K, Eghan BA Jr, Abbiyesuku F, Fasanmade O, Rufus T, Doumatey A, Chen G, Zhou J, Chen Y, Furbert-Harris P, Dunston G, Collins F, Rotimi C. A genome wide quantitative trait linkage analysis for serum lipids in type 2 diabetes in an African population. *Atherosclerosis.* 2005 Aug;181(2):389-97. Epub 2005 Feb 24. PubMed PMID: 16039295.

**Adeyemo AA**, Chen G, Chen Y, Rotimi C. Genetic structure in four West African population groups. *BMC Genet.* 2005 Jun 24;6:38. PubMed PMID: 15978124; PubMed Central PMCID: PMC1180433.

**Adeyemo A**, Luke A, Wu X, Cooper RS, Kan D, Omotade O, Zhu X. Genetic effects on blood pressure localized to chromosomes 6 and 7. *J Hypertens.* 2005 Jul;23(7):1367-73. PubMed PMID: 15942459.

**Adeyemo A**, Luke A, Cooper R, Wu X, Tayo B, Zhu X, Rotimi C, Bouzekri N, Ward R. A genome-wide scan for body mass index among Nigerian families. *Obes Res.* 2003 Feb;11(2):266-73. PubMed PMID: 12582223.

**Adeyemo AA**, Omotade OO, Rotimi CN, Luke AH, Tayo BO, Cooper RS. Heritability of blood pressure in Nigerian families. *J Hypertens.* 2002 May;20(5):859-63. PubMed PMID: 12011645.

FULL LIST OF PUBLICATIONS

**Genetics & Genetic Epidemiology**

1. OMOTADE OO, KAYODE CM and **ADEYEMO AA** : Facial Dimensions in Nigerian infants. Niger J Paediatr 1994; 21 : 101-106
2. **ADEYEMO AA**, OKOLO CM and OMOTADE OO : Major congenital malformations among paediatric admissions at the University College Hospital, Ibadan, Nigeria. Ann Trop Paediatr 1994; 14:75-79.
3. OMOTADE OO, KAYODE CM and **ADEYEMO AA** : Anterior fontanelle size in Nigerian infants. Ann Trop Paediatr 1995; 15: 89-91
4. OMOTADE OO, KAYODE CM and **ADEYEMO AA** : Ear dimensions, chest circumference and internipple distance in Nigerian infants Afr J Med Sci 1996; 25: 159-163
5. **ADEYEMO AA**, GBADEGESIN RA, OMOTADE OO. Major congenital malformations among neonatal referrals to a Nigerian university hospital. East Afr Med J 1997; 74: 699-701
6. OLUMESE PE, **ADEYEMO AA**, ADEMOWO OG, GBADEGESIN RA, SODEINDE O and WALKER O. Clinical manifestations of cerebral malaria among Nigerian children with the sickle cell trait. Ann Trop Paediatr 1997; 17: 141-145
7. **ADEYEMO AA**, OMOTADE OO, OLOWU JA. Facial and ear dimensions in term Nigerian neonates. East Afr J Med 1998; 75: 260-263
8. OMOTADE OO, KAYODE CM, FALADE SL, IKPEME S, **ADEYEMO AA** and AKINKUGBE FM. Routine screening for sickle cell haemoglobinopathy by electrophoresis in an infant welfare clinic. West Afr J Med 1998; 17: 91-94
9. **ADEYEMO AA**, OMOTADE OO. The variation of fontanelle size with gestational age. Early Hum Dev 1999; 54: 207-214
10. **ADEYEMO AA**, OMOTADE OO, OLOWU JA. Anterior fontanelle size in term neonates. West Afr J Med 1999; 18: 55-59
11. OMOTADE OO, **ADEYEMO AA**, KAYODE CM, FALADE SL, IKPEME S. Gene frequencies of ABO and Rh(D) alleles in an infant population in Ibadan, Nigeria. West Afr J Med 1999; 18: 294-297
12. COOPER RS, GUO X, ROTIMI CN, LUKE A, WARD R, **ADEYEMO AA**, DANILOV SM. Heritability of angiotensin-converting enzyme and angiotensin: A comparison of US Blacks and Nigerians. Hypertension 2000; 35:1141-1147
13. ESCARY JL, BOTTIUS E, PRINCE N, REYES C, FIAWOUMO Y, CALOUSTIAN C, BRULS T, FUJIYAMA A, COOPER RS, **ADEYEMO AA**, LATHROP GM, WEISSENBACH J, GYAPAY G, FOGGIO M, BECKMANN JS. A first high-density map of 981 biallelic markers on human chromosome 14. Genomics 2000 ;70:153-64
14. ZHU X, BOUZEKRI N, SOUTHAM L, COOPER RS, **ADEYEMO A**, MCKENZIE CA, LUKE A, CHEN G, ELSTON RC, WARD R. Linkage and association analysis of angiotensin I-converting enzyme (ACE) gene polymorphisms with ACE concentration and blood pressure. Am J Hum Genet 2001; 68: 1139-48
15. LUKE A, GUO X, **ADEYEMO AA**, WILKS R, FORRESTER T, LOWE Jr W, COMUZZIE AG, MARTIN LJ, ZHU X, ROTIMI CN, COOPER RS. Heritability of obesity-related traits among Nigerians, Jamaicans and US black people, Int J Obes Relat Metab Disord 2001; 25: 1034-41
16. **ADEYEMO AA**, OMOTADE OO, ROTIMI CN, LUKE AH, TAYO BO, COOPER RS. Heritability of blood pressure in Nigerian families. J Hypertens 2002; 20: 859-863
17. GABRIEL SB, SCHAFFNER SF, NGUYEN H, MOORE JM, ROY J, BLUMENSTIEL B, HIGGINS J, DEFELICE M, LOCHNER A, FAGGART M, LIU-CORDERO SN, ROTIMI C, **ADEYEMO A**, COOPER R, WARD R, LANDER ES, DALY MJ, ALTSHULER D. The Structure of Haplotype Blocks in the Human Genome. Science 2002;296:2225-9
18. COOPER RS, LUKE A, ZHU X, KAN D, **ADEYEMO A**, ROTIMI C, BOUZEKRI N, WARD R. Genome scan among Nigerians linking blood pressure to chromosomes 2, 3 and 19. Hypertension 2002; 40: 629-633
19. COX R, BOUZEKRI N, MARTIN S, SOUTHAM L, HUGILL A, GOLAMAULLY M, COOPER R, **ADEYEMO A**, SOUBRIER F, WARD R, LATHROP M, MATSUDA F, FARRAL M. Angiotensin-1-converting enzyme (ACE) plasma concentration is influenced by multiple ACE-linked quantitative trait nucleotides. Hum Mol Genet 2002; 11: 2969-2977
20. **ADEYEMO A**, LUKE A, COOPER R, WU X, TAYO B, ZHU X, ROTIMI C, BOUZEKRI N, WARD R. A genome-wide scan for body mass index among Nigerian families. Obesity Res 2003; 11: 266-273
21. WU X, LUKE A, COOPER RS, ZHU X, KAN D, TAYO BO, **ADEYEMO A**. A Genome Scan among Nigerians Linking Resting Energy Expenditure to Chromosome 16. Obes Res. 2004 12:577-81.

22. ROTIMI CN, CHEN G, **ADEYEMO AA**, FURBERT-HARRIS P, GUASS D, ZHOU J, BERG K, ADEGOKE O, AMOAH A, OWUSU S, ACHEAMPONG J, AGYENIM-BOATENG K, EGHAN BA JR, OLI J, OKAFOR G, OFOEGBU E, OSOTIMEHIN B, ABBIYESUKU F, JOHNSON T, RUFUS T, FASANMADE O, KITTLES R, DANIEL H, CHEN Y, DUNSTON G, COLLINS FS. A genome-wide search for type 2 diabetes susceptibility genes in West Africans: the Africa America Diabetes Mellitus (AADM) Study. *Diabetes*. 2004; 53:838-41.
23. BOUZEKRI N, ZHU X, JIANG Y, MCKENZIE CA, LUKE A, FORRESTER T, **ADEYEMO A**, KAN D, FARRALL M, ANDERSON S, COOPER RS, WARD R. Angiotensin I-converting enzyme polymorphisms, ACE level and blood pressure among Nigerians, Jamaicans and African-Americans. *Eur J Hum Genet*. 2004; 12 (6): 460-8
24. FEJERMAN L, BOUZEKRI N, WU X, **ADEYEMO A**, LUKE A, ZHU X, WARD R, COOPER RS. Association between evolutionary history of angiotensinogen haplotypes and plasma levels. *Hum Genet*. 2004; 115(4):310-8.
25. G CHEN, **AA ADEYEMO**, T JOHNSON, J ZHOU, A AMOAH, S OWUSU, J ACHEAMPONG, K AGYENIM-BOATENG, BA EGHAN JR, J OLI, G OKAFOR, F ABBIYESUKU, GM DUNSTON, Y CHEN, F COLLINS, C ROTIMI. A genome-wide scan for quantitative trait loci linked to obesity phenotypes among West Africans. *Int J Obesity* 2004 Dec 21 (epub ahead of print)
26. CHEN Y, KITTLES R, ZHOU J, CHEN G, **ADEYEMO A**, PANGULURI RK, CHEN W, AMOAH A, OPOKU V, ACHEAMPONG J, AGYENIM-BOATENG K, EGHAN BA JR, NYANTAKI A, OLI J, OKAFOR G, OFOEGBU E, OSOTIMEHIN B, ABBIYESUKU F, JOHNSON T, FASANMADE O, RUFUS T, FURBERT-HARRIS P, DANIEL HI, BERG KA, COLLINS FS, DUNSTON GM, ROTIMI CN. Calpain-10 gene polymorphisms and type 2 diabetes in West Africans: the Africa America Diabetes Mellitus (AADM) Study. *Ann Epidemiol*. 2005; 15(2):153-159.
27. ZHU X, FEJERMAN L, LUKE A, **ADEYEMO A**, COOPER RS. Haplotypes Produced from Rare Variants in the Promoter and Coding Regions of Angiotensinogen Contribute to Variation in Angiotensinogen Levels. *Hum Mol Genet*. 2005; 14(5): 639-643
28. MCKENZIE CA, SINSHEIMER JS, **ADEYEMO AA**, COX RD, SOUTHAM L, HUGILL A, BOUZEKRI N, LATHROP M, FORRESTER TE, COOPER RS, WARD R. SNP haplotypes in the angiotensin I-converting enzyme (ACE) gene: analysis of Nigerian family data using gamete competition models. *Ann Hum Genet*. 2005;69(Pt 2):227-32.
29. KRAMER H, WU X, KAN D, LUKE A, ZHU X, **ADEYEMO A**, MCKENZIE C, COOPER R. Angiotensin-converting enzyme gene polymorphisms and obesity: an examination of three black populations. *Obes Res*. 2005 May;13(5):823-8.
30. JOHNSON L, LUKE A, **ADEYEMO A**, DENG HW, MITCHELL BD, COMUZZIE AG, COLE SA, BLANGERO J, PEROLA M, TEARE MD. Meta-analysis of five genome-wide linkage studies for body mass index reveals significant evidence for linkage to chromosome 8p. *Int J Obes (Lond)*. 2005 Apr;29(4):413-9. Erratum in: *Int J Obes Relat Metab Disord*. 2005 Jul;29(7):878. Adeyemo, A [added].
31. **ADEYEMO AA**, JOHNSON T, ACHEAMPONG J, OLI J, OKAFOR G, AMOAH A, OWUSU S, AGYENIM-BOATENG K, EGHAN BA, ABBIYESUKU F, FASANMADE O, RUFUS T, DOUMATEY A, CHEN G, ZHOU J, CHEN Y, FURBERT-HARRIS P, DUNSTON G, COLLINS F, ROTIMI C. A genome wide quantitative trait linkage analysis for serum lipids in type 2 diabetes in an African population. *Atherosclerosis* 2005; 181; 389-97
32. **ADEYEMO AA**, CHEN G, CHEN Y, ROTIMI CN. Genetic structure in four West African population groups. *BMC Genet*. 2005;24;6(1):38
33. **ADEYEMO A**, LUKE A, WU X, COOPER RS, KAN D, OMOTADE O, ZHU X. Genetic effects on blood pressure localized to chromosomes 6 and 7. *J Hypertens*. 2005;23(7):1367-73.
34. AMODU OK, **ADEYEMO AA**, AYOOLA OO, GBADEGESIN RA, ORIMADEGUN AE, AKINSOLA AK, OLUMESE PE, OMOTADE OO. Genetic diversity of the msp-1 locus and symptomatic malaria in south-west Nigeria. *Acta Trop*. 2005 Sep;95(3):226-32.
35. AMODU OK, GBADEGESIN RA, RALPH SA, **ADEYEMO AA**, BRENCHLEY PE, AYOOLA OO, ORIMADEGUN AE, AKINSOLA AK, OLUMESE PE, OMOTADE OO. Plasmodium falciparum malaria in south-west Nigerian children: is the polymorphism of ICAM-1 and E-selectin genes contributing to the clinical severity of malaria? *Acta Trop*. 2005 Sep;95(3):248-55.
36. BONILLA C, PANGULURI RK, TALIAFERRO-SMITH L, ARGYROPOULOS G, CHEN G, **ADEYEMO AA**, AMOAH A, OWUSU S, ACHEAMPONG J, AGYENIM-BOATENG K, EGHAN BA, OLI J, OKAFOR G, ABBIYESUKU F, JOHNSON T, RUFUS T, FASANMADE O, CHEN Y, COLLINS FS, DUNSTON GM, ROTIMI C, KITTLES RA. Agouti-related protein promoter variant associated with leanness and decreased risk for diabetes in West Africans. *Int J Obes (Lond)*. 2006 Apr;30(4):715-21.

37. WILSON JG, ROTIMI CN, EKUNWE L, ROYAL CD, CRUMP ME, WYATT SB, STEFFES MW, **ADEYEMO A**, ZHOU J, TAYLOR HA JR, JAQUISH C. Study design for genetic analysis in the Jackson Heart Study. *Ethn Dis*. 2005;15(4 Suppl 6):S6-30-37.
38. CHEN G, **ADEYEMO A**, ZHOU J, YUAN A, CHEN Y, ROTIMI C. Genome scan linkage analysis comparing microsatellites and single-nucleotide polymorphisms markers for two measures of alcoholism in chromosomes 1, 4, and 7. *BMC Genetics* 2005, **6**(Suppl 1):S4 (30 December 2005)
39. TIFFIN N, ADIE E, TURNER F, BRUNNER HG, VAN DRIEL MA, OTI M, LOPEZ-BIGAS N, OUZOUNIS C, PEREZ-IRATXETA C, ANDRADE-NAVARRO MA, **ADEYEMO A**, PATTI ME, SEMPLE CA, HIDE W. Computational disease gene identification: a concert of methods prioritizes type 2 diabetes and obesity candidate genes. *Nucleic Acids Res*. 2006 Jun 6;34(10):3067-81.
40. ROTIMI CN, CHEN G, **ADEYEMO AA**, JONES LS, AGYENIM-BOATENG K, EGHAN BA JR, ZHOU J, DOUMATEY A, LASHLEY K, HUANG H, FASANMADE O, AKINSOLA FB, EZEPUE F, AMOAH A, AKAFO S, CHEN Y, OLI J, JOHNSON T. Genomewide scan and fine mapping of quantitative trait loci for intraocular pressure on 5q and 14q in West Africans. *Invest Ophthalmol Vis Sci*. 2006 Aug;47(8):3262-7.
41. FEJERMAN L, WU X, **ADEYEMO A**, LUKE A, ZHU X, HICKS C, COOPER RS. The effect of genetic variation in angiotensinogen on serum levels and blood pressure: a comparison of Nigerians and US blacks. *J Hum Hypertens*. 2006 Nov;20(11):882-7.
42. MARSHALL PA, ADEBAMOWO CA, **ADEYEMO AA**, OGUNDIRAN TO, VEKICH M, STRENSKI T, ZHOU J, PREWITT TE, COOPER RS, ROTIMI CN. Voluntary participation and informed consent to international genetic research. *Am J Public Health*. 2006 Nov;96(11):1989-95.
43. DAVEY G, GEBREHANNA E, **ADEYEMO A**, ROTIMI C, NEWPORT M, DESTA K. Podoconiosis: a tropical model for gene-environment interactions? *Trans R Soc Trop Med Hyg*. 2007 Jan;101(1):91-6.
44. HELGASON A, PALSSON S, THORLEIFSSON G, GRANT SF, EMILSSON V, GUNNARSDOTTIR S, **ADEYEMO A**, CHEN Y, CHEN G, REYNISDOTTIR I, BENEDIKTSSON R, HINNEY A, HANSEN T, ANDERSEN G, BORCH-JOHNSEN K, JORGENSEN T, SCHAFFER H, FARUQUE M, DOUMATEY A, ZHOU J, WILENSKY RL, REILLY MP, RADER DJ, BAGGER Y, CHRISTIANSEN C, SIGURDSSON G, HEBEBRAND J, PEDERSEN O, THORSTEINSDOTTIR U, GULCHER JR, KONG A, ROTIMI C, STEFANSSON K. Refining the impact of TCF7L2 gene variants on type 2 diabetes and adaptive evolution. *Nat Genet*. 2007 Feb;39(2):218-225.
45. MALHOTRA A, ELBEIN SC, NG MC, DUGGIRALA R, ARYA R, IMPERATORE G, **ADEYEMO A**, POLLIN TI, HSUEH WC, CHAN JC, ROTIMI C, HANSON RL, HASSTEDT SJ, WOLFORD JK. Meta-analysis of genome-wide linkage studies of quantitative lipid traits in families ascertained for type 2 diabetes. *Diabetes*. 2007 Mar;56(3):890-6.
46. CHEN G, **ADEYEMO AA**, ZHOU J, CHEN Y, DOUMATEY A, LASHLEY K, HUANG H, AMOAH A, AGYENIM-BOATENG K, EGHAN BA JR, OKAFOR G, ACHEAMPONG J, OLI J, FASANMADE O, JOHNSON T, ROTIMI C. A genome-wide search for linkage to renal function phenotypes in West Africans with type 2 diabetes. *Am J Kidney Dis*. 2007 Mar;49(3):394-400.
47. STEINTHORSDOTTIR V, THORLEIFSSON G, REYNISDOTTIR I, BENEDIKTSSON R, JONSDOTTIR T, WALTERS GB, STYRKARSDOTTIR U, GRETARSDOTTIR S, EMILSSON V, GHOSH S, BAKER A, SNORRADOTTIR S, BJARNASON H, NG MC, HANSEN T, BAGGER Y, WILENSKY RL, REILLY MP, **ADEYEMO A**, CHEN Y, ZHOU J, GUDNASON V, CHEN G, HUANG H, LASHLEY K, DOUMATEY A, SO WY, MA RC, ANDERSEN G, BORCH-JOHNSEN K, JORGENSEN T *et al*. A variant in CDKAL1 influences insulin response and risk of type 2 diabetes. *Nat Genet*. 2007 Jun;39(6):770-5.
48. HICKS C, ZHU X, LUKE A, KAN D, **ADEYEMO A**, WU X, COOPER RS. A genome-wide scan of loci linked to serum adiponectin in two populations of African descent. *Obesity (Silver Spring)*. 2007 May;15(5):1207-14.
49. CHEN G, **ADEYEMO A**, ZHOU J, CHEN Y, HUANG H, DOUMATEY A, LASHLEY K, AGYENIM-BOATENG K, EGHAN BA JR, ACHEAMPONG J, FASANMADE O, JOHNSON T, OKAFOR G, OLI J, AMOAH A, ROTIMI C. Genome-wide search for susceptibility genes to type 2 diabetes in West Africans: Potential role of C-peptide. *Diabetes Res Clin Pract*. 2007 Dec;78(3):e1-6. Epub 2007 Jun 4.
50. SAUNDERS CL, CHIODINI BD, SHAM P, LEWIS CM, ABKEVICH V, **ADEYEMO AA**, DE ANDRADE M, ARYA R, BERENSON GS, BLANGERO J, BOEHNKE M, BORECKI IB, CHAGNON YC, CHEN W, COMUZZIE AG, DENG HW, DUGGIRALA R, FEITOSA MF, FROGUEL P, HANSON RL, HEBEBRAND J, HUEZO-DIAS P, KISSEBAH AH, LI W, LUKE A, MARTIN LJ, NASH M, OHMAN M, PALMER LJ, PELTONEN L, PEROLA M, PRICE RA, REDLINE S, SRINIVASAN SR, STERN MP, STONE S, STRINGHAM H, TURNER S, WIJMENGA C, A COLLIER D. Meta-Analysis of Genome-wide Linkage Studies in BMI and Obesity. *Obesity (Silver Spring)*. 2007 Sep;15(9):2263-2275.

51. GUDMUNDSSON J, SULEM P, STEINTHORSDOTTIR V, BERGTHORSSON JT, THORLEIFSSON G, MANOLESCU A, RAFNAR T, GUDBJARTSSON D, AGNARSSON BA, BAKER A, SIGURDSSON A, BENEDIKTSDOTTIR KR, JAKOBSDOTTIR M, BLONDAL T, STACEY SN, HELGASON A, GUNNARSDOTTIR S, OLAFSDOTTIR A, KRISTINSSON KT, BIRGISDOTTIR B, GHOSH S, THORLACIUS S, MAGNUSDOTTIR D, STEFANSDOTTIR G, KRISTJANSSON K, BAGGER Y, WILENSKY RL, REILLY MP, MORRIS AD, KIMBER CH, **ADEYEMO A**, CHEN Y, ZHOU J, SO WY, TONG PC, NG MC, HANSEN T, ANDERSEN G, *et al*. Two variants on chromosome 17 confer prostate cancer risk, and the one in TCF2 protects against type 2 diabetes. *Nat Genet.* 2007 Aug;39(8):977-83. Epub 2007 Jul 1.
52. CHEN Y, HUANG H, ZHOU J, DOUMATEY A, LASHLEY K, CHEN G, AGYENIM-BOATENG K, EGHAN BA, ACHEAMPONG J, FASANMADE O, JOHNSON T, AKINSOLA FB, OKAFOR G, OLI J, EZEPUE F, AMOAH A, AKAFO S, **ADEYEMO A**, ROTIMI CN. Polymorphism of the endothelial nitric oxide synthase gene is associated with diabetic retinopathy in a cohort of West Africans. *Mol Vis.* 2007 Nov 26;13:2142-7.
53. HJORTSHØJ TD, GRØNSKOV K, PHILP AR, NISHIMURA DY, **ADEYEMO A**, ROTIMI CN, SHEFFIELD VC, ROSENBERG T, BRØNDUM-NIELSEN K. Novel mutations in BBS5 highlight the importance of this gene in non-Caucasian Bardet-Biedl syndrome patients. *Am J Med Genet A.* 2008 Feb 15;146(4):517-20.
54. DU PREEZ J, MATOLWENI LO, GREENBERG J, MNTLA P, **ADEYEMO AA**, MAYOSI BM. The alpha 2C Del322-325 adrenergic receptor polymorphism is not associated with heart failure due to idiopathic dilated cardiomyopathy in black Africans. *Cardiovasc J Afr.* 2008 Jan-Feb;19(1):15-6.
55. SIRUGO G, HENNIG BJ, **ADEYEMO AA**, MATIMBA A, NEWPORT MJ, IBRAHIM ME, RYCKMAN KK, TACCONELLI A, MARIANI-COSTANTINI R, NOVELLI G, SOODYALL H, ROTIMI CN, RAMESAR RS, TISHKOFF SA, WILLIAMS SM. Genetic studies of African populations: an overview on disease susceptibility and response to vaccines and therapeutics. *Hum Genet.* 2008 Jul;123(6):557-98.
56. MCKENZIE CA, ZHU X, FORRESTER TE, LUKE A, **ADEYEMO AA**, BOUZEKRI N, COOPER RS. A genome-wide search replicates evidence of a quantitative trait locus for circulating angiotensin I-converting enzyme (ACE) unlinked to the ACE gene. *BMC Med Genomics.* 2008 Jun 10;1:23.
57. FOX ER, BENJAMIN EJ, SARPONG DF, ROTIMI CN, WILSON JG, STEFFES MW, CHEN G, **ADEYEMO A**, TAYLOR JK, SAMDARSHI TE, TAYLOR HA Jr. Epidemiology, Heritability, and Genetic Linkage of C-Reactive Protein in African Americans (from the Jackson Heart Study). *Am J Cardiol.* 2008 Oct 1;102(7):835-41.
58. **ADEYEMO A**, GERRY N, CHEN G, HERBERT A, DOUMATEY A, HUANG H, ZHOU J, LASHLEY K, CHEN Y, CHRISTMAN M, ROTIMI C. A genome-wide association study of hypertension and blood pressure in African Americans. *PLoS Genet.* 2009 Jul;5(7):e1000564. Epub 2009 Jul 17.
59. Tekola F, Bull S, Farsides B, Newport MJ, **Adeyemo A**, Rotimi CN, Davey G. Impact of social stigma on the process of obtaining informed consent for genetic research on podoconiosis: a qualitative study. *BMC Med Ethics.* 2009 Aug 22;10:13. PubMed PMID: 19698115; PubMed Central PMCID: PMC2736170.
60. **ADEYEMO A**, ROTIMI C. Genetic Variants Associated with Complex Human Diseases Show Wide Variation across Multiple Populations. *Public Health Genomics.* 2010;13(2):72-9. Epub 2009 May 13. PubMed PMID: 19439916; PubMed Central PMCID:PMC2835382.
61. SHRINER D, **ADEYEMO A**, CHEN G, ROTIMI CN. Practical considerations for imputation of untyped markers in admixed populations. *Genet Epidemiol.* 2010 Apr;34(3):258-65. PubMed PMID: 19918757.
62. SHRINER D, **ADEYEMO A**, GERRY NP, HERBERT A, CHEN G, DOUMATEY A, HUANG H, ZHOU J, CHRISTMAN MF, ROTIMI CN. Transferability and fine-mapping of genome-wide associated loci for adult height across human populations. *PLoS One.* 2009 Dec 22;4(12):e8398. PubMed PMID: 20027299; PubMed Central PMCID: PMC2792725.
63. TAYO BO, LUKE A, ZHU X, **ADEYEMO A**, COOPER RS. Association of regions on chromosomes 6 and 7 with blood pressure in Nigerian families. *Circ Cardiovasc Genet.* 2009 Feb;2(1):38-45. Epub 2009 Jan 23. PubMed PMID: 20031566; PubMed Central PMCID: PMC2744324.
64. OKPECHI IG, RAYNER BL, VAN DER MERWE L, MAYOSI BM, **ADEYEMO A**, TIFFIN N, RAMESAR R. Genetic variation at selected SNPs in the leptin gene and association of alleles with markers of kidney disease in a Xhosa population of South Africa. *PLoS One.* 2010 Feb 5;5(2):e9086. PubMed PMID: 20140086; PubMed Central PMCID:PMC2816711.
65. RUIZ-NARVAEZ EA, ROSENBERG L, ROTIMI CN, CUPPLES LA, BOGGS DA, **ADEYEMO A**, COZIER YC, ADAMS-CAMPBELL LL, PALMER JR. Genetic variants on chromosome 5p12 are associated with risk

of breast cancer in African American women: the Black Women's Health Study. *Breast Cancer Res Treat*. 2010 Feb 7. [Epub ahead of print] PubMed PMID: 20140701.

66. **ADEYEMO A**, CHEN G, ZHOU J, SHRINER D, DOUMATEY A, HUANG H, ROTIMI C. FTO genetic variation and association with obesity in West Africans and African Americans. *Diabetes*. 2010 Jun;59(6):1549-54. Epub 2010 Mar 18. PubMed PMID: 20299471; PubMed Central PMCID: PMC2874717.
67. KANG SJ, CHIANG CW, PALMER CD, TAYO BO, LETTRE G, BUTLER JL, HACKETT R, **ADEYEMO AA**, GUIDUCCI C, BERZINS I, NGUYEN TT, FENG T, LUKE A, SHRINER D, ARDLIE K, ROTIMI C, WILKS R, FORRESTER T, MCKENZIE CA, LYON HN, COOPER RS, ZHU X, HIRSCHHORN JN. Genome-wide association of anthropometric traits in African- and African-derived populations. *Hum Mol Genet*. 2010 Jul 1;19(13):2725-38. Epub 2010 Apr 16. PubMed PMID: 20400458; PubMed Central PMCID: PMC2883343.
68. CHEN G, SHRINER D, ZHOU J, DOUMATEY A, HUANG H, GERRY NP, HERBERT A, CHRISTMAN MF, CHEN Y, DUNSTON GM, FARUQUE MU, ROTIMI CN, **ADEYEMO A**. Development of admixture mapping panels for African Americans from commercial high-density SNP arrays. *BMC Genomics*. 2010 Jul 5;11:417
69. Palmer ND, Hester JM, An SS, **Adeyemo A**, Rotimi C, Langefeld CD, Freedman BI, Ng MC, Bowden DW. Resequencing and analysis of variation in the TCF7L2 gene in African Americans suggests that SNP rs7903146 is the causal diabetes susceptibility variant. *Diabetes*. 2011 Feb;60(2):662-8. Epub 2010 Oct 27. PubMed PMID: 20980453; PubMed Central PMCID: PMC3028368.
70. Ramos E, Chen G, Shriner D, Doumatey A, Gerry NP, Herbert A, Huang H, Zhou J, Christman MF, **Adeyemo A**, Rotimi C. Replication of genome-wide association studies (GWAS) loci for fasting plasma glucose in African-Americans. *Diabetologia*. 2011 Apr;54(4):783-8. Epub 2010 Dec 25. PubMed PMID: 21188353; PubMed Central PMCID: PMC3052446.
71. Charles BA, Shriner D, Doumatey A, Chen G, Zhou J, Huang H, Herbert A, Gerry NP, Christman MF, **Adeyemo A**, Rotimi CN. A genome-wide association study of serum uric acid in African Americans. *BMC Med Genomics*. 2011 Feb 4;4:17. PubMed PMID: 21294900; PubMed Central PMCID: PMC3045279.
72. Fox ER, Young JH, Li Y, Dreisbach AW, Keating BJ, Musani SK, Liu K, Morrison AC, Ganesh S, Kutlar A, Ramachandran VS, Polak JF, Fabsitz RR, Dries DL, Farlow DN, Redline S, Adeyemo A, Hirschhorn JN, Sun YV, Wyatt SB, Penman AD, Palmas W, Rotter JI, Townsend RR, Doumatey AP, Tayo BO, Mosley TH Jr, Lyon HN, Kang SJ, Rotimi CN, Cooper RS, Franceschini N, Curb JD, Martin LW, Eaton CB, Kardia SL, Taylor HA, Caulfield MJ, Ehret GB, Johnson T; International Consortium for Blood Pressure Genome-wide Association Studies (ICBP-GWAS), Chakravarti A, Zhu X, Levy D, Munroe PB, Rice KM, Bochud M, Johnson AD, Chasman DI, Smith AV, Tobin MD, Verwoert GC, Hwang SJ, Pihur V, Vollenweider P, O'Reilly PF, Amin N, Bragg-Gresham JL, Teumer A, Glazer NL, Launer L, Zhao JH, Aulchenko Y, Heath S, SÄuber S, Parsa A, Luan J, Arora P, Dehghan A, Zhang F, Lucas G, Hicks AA, Jackson AU, Peden JF, Tanaka T, Wild SH, Rudan I, Igl W, Milanese Y, Parker AN, Fava C, Chambers JC, Kumari M, Go MJ, van der Harst P, Kao WH, SjÄggen M, Vinay DG, Alexander M, Tabara Y, Shaw-Hawkins S, Whincup PH, Liu Y, Shi G, Kuusisto J, Seielstad M, Sim X, Nguyen KD, LehtimÄki T, Matullo G, Wu Y, Gaunt TR, Onland-Moret NC, Cooper MN, Platou CG, Örg E, Hardy R, Dahgam S, Palmen J, Vitart V, Braund PS, Kuznetsova T, Uiterwaal CS, Campbell H, Ludwig B, Tomaszewski M, Tzoulaki I, Palmer ND; CARDIoGRAM consortium; CKDGen consortium; KidneyGen consortium; EchoGen consortium; CHARGE-HF consortium, Aspelund T, Garcia M, Chang YP, O'Connell JR, Steinle NI, Grobbee DE, Arking DE, Hernandez D, Najjar S, McArdle WL, Hadley D, Brown MJ, Connell JM, Hingorani AD, Day IN, Lawlor DA, Beilby JP, Lawrence RW, Clarke R, Collins R, Hopewell JC, Ongen H, Bis JC, KÄhÄnen M, Viikari J, Adair LS, Lee NR, Chen MH, Olden M, Pattaro C, Hoffman Bolton JA, KÄttgen A, Bergmann S, Mooser V, Chaturvedi N, Frayling TM, Islam M, Jafar TH, Erdmann J, Kulkarni SR, Bornstein SR, GrÄssler J, Groop L, Voight BF, Kettunen J, Howard P, Taylor A, Guarrera S, Ricceri F, Emilsson V, Plump A, Barroso I, Khaw KT, Weder AB, Hunt SC, Bergman RN, Collins FS, Bonnycastle LL, Scott LJ, Stringham HM, Peltonen L, Perola M, Vartiainen E, Brand SM, Staessen JA, Wang TJ, Burton PR, Artigas MS, Dong Y, Sieder H, Wang X, Zhu H, Lohman KK, Rudock ME, Heckbert SR, Smith NL, Wiggins KL, Shriner D, Veldre G, Viigimaa M, Kinra S, Prabhakaran D, Tripathy V, Langefeld CD, Rosengren A, Thelle DS, Corsi AM, Singleton A, Forrester T, Hilton G, McKenzie CA, Salako T, Iwai N, Kita Y, Ogihara T, Ohkubo T, Okamura T, Ueshima H, Umemura S, Eyheramendy S, Meitinger T, Wichmann HE, Cho YS, Kim HL, Lee JY, Scott J, Sehmi JS, Zhang W, Hedblad B, Nilsson P, Smith GD, Wong A, Narisu N, StancÄjkovÄj A, Raffel LJ, Yao J, Kathiresan S, O'Donnell C, Schwartz SM, Ikram MA, Longstreth WT Jr, Seshadri S, Shrine NR, Wain LV, Morken MA, Swift AJ, Laitinen J, Prokopenko I, Zitting P, Cooper JA, Humphries SE, Danesh J, Rasheed A, Goel A, Hamsten A, Watkins H, Bakker SJ, van Gilst WH, Janipalli C, Mani KR,

Adebowale A. Adeyemo, MD

Center for Research on Genomics and Global Health  
 Bldg 12A, Room 4047, 12 South Drive, MSC 5635, Bethesda, MD 20892-5635  
 (301) 594-7501; adeyemoa@mail.nih.gov

- Yajnik CS, Hofman A, Mattace-Raso FU, Oostra BA, Demirkan A, Isaacs A, Rivadeneira F, Lakatta EG, Orru M, Scuteri A, Ala-Korpela M, Kangas AJ, Lyytikäinen LP, Soininen P, Tukiainen T, Wąrz P, Ong RT, Dąrr M, Kroemer HK, Våiker U, Vålzke H, Galan P, Hercberg S, Lathrop M, Zelenika D, Deloukas P, Mangino M, Spector TD, Zhai G, Meschia JF, Nalls MA, Sharma P, Terzic J, Kumar MJ, Denniff M, Zukowska-Szczechowska E, Wagenknecht LE, Fowkes FG, Charchar FJ, Schwarz PE, Hayward C, Guo X, Bots ML, Brand E, Samani N, Polasek O, Talmud PJ, Nyberg F, Kuh D, Laan M, Hveem K, Palmer LJ, van der Schouw YT, Casas JP, Mohlke KL, Vineis P, Raitakari O, Wong TY, Tai ES, Laakso M, Rao DC, Harris TB, Morris RW, Dominiczak AF, Kivimaki M, Marmot MG, Miki T, Saleheen D, Chandak GR, Coresh J, Navis G, Salomaa V, Han BG, Kooner JS, Melander O, Ridker PM, Bandinelli S, Gyllensten UB, Wright AF, Wilson JF, Ferrucci L, Farrall M, Tuomilehto J, Pramstaller PP, Elosua R, Soranzo N, Sijbrands EJ, Altshuler D, Loos RJ, Shuldiner AR, Gieger C, Meneton P, Uitterlinden AG, Wareham NJ, Gudnason V, Rettig R, Uda M, Strachan DP, Witteman JC, Hartikainen AL, Beckmann JS, Boerwinkle E, Boehnke M, Larson MG, Ärvelin MR, Psaty BM, Abecasis GR, Elliott P, van Duijn CM, Newton-Cheh C. Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. *Hum Mol Genet.* 2011 Jun 1;20(11):2273-84. Epub 2011 Mar 4. PubMed PMID: 21378095; PubMed Central PMCID: PMC3090190.
73. Zhu X, Young JH, Fox E, Keating BJ, Franceschini N, Kang S, Tayo B, **Adeyemo A**, Sun YV, Li Y, Morrison A, Newton-Cheh C, Liu K, Ganesh SK, Kutlar A, Vasan RS, Dreisbach A, Wyatt S, Polak J, Palmas W, Musani S, Taylor H, Fabsitz R, Townsend RR, Dries D, Glessner J, Chiang CW, Mosley T, Kardina S, Curb D, Hirschhorn JN, Rotimi C, Reiner A, Eaton C, Rotter JI, Cooper RS, Redline S, Chakravarti A, Levy D. Combined admixture mapping and association analysis identifies a novel blood pressure genetic locus on 5p13: contributions from the CARE consortium. *Hum Mol Genet.* 2011 Jun 1;20(11):2285-95. Epub 2011 Mar 21. PubMed PMID: 21422096; PubMed Central PMCID: PMC3090198.
74. Shriner D, **Adeyemo A**, Ramos E, Chen G, Rotimi CN. Mapping of disease-associated variants in admixed populations. *Genome Biol.* 2011 May 30;12(5):223. [Epub ahead of print] PubMed PMID: 21635713.
75. Tin A, Woodward OM, Kao WH, Liu CT, Lu X, Nalls MA, Shriner D, Semmo M, Akylbekova EL, Wyatt SB, Hwang SJ, Yang Q, Zonderman AB, **Adeyemo AA**, Palmer C, Meng Y, Reilly M, Shlipak MG, Siscovick D, Evans MK, Rotimi CN, Flessner MF, Kottgen M, Cupples LA, Fox CS, K ttgen A; on behalf of the CARE and CHARGE Consortia. Genome-wide association study for serum urate concentrations and gout among African Americans identifies genomic risk loci and a novel URAT1 loss-of-function allele. *Hum Mol Genet.* 2011 Oct 15;20(20):4056-4068. Epub 2011 Jul 18. PubMed PMID: 21768215; PubMed Central PMCID: PMC3177647.
76. Faruque MU, Chen G, Doumatey A, Huang H, Zhou J, Dunston GM, Rotimi CN, **Adeyemo AA**. Association of ATP1B1, RGS5 and SELE polymorphisms with hypertension and blood pressure in African-Americans. *J Hypertens.* 2011 Oct;29(10):1906-12. PubMed PMID: 21881522.
77. Bhatia G, Patterson N, Pasaniuc B, Zaitlen N, Genovese G, Pollack S, Mallick S, Myers S, Tandon A, Spencer C, Palmer CD, **Adeyemo AA**, Akylbekova EL, Cupples LA, Divers J, Fornage M, Kao WH, Lange L, Li M, Musani S, Mychaleckyj JC, Ogunniyi A, Papanicolaou G, Rotimi CN, Rotter JI, Ruczinski I, Salako B, Siscovick DS, Tayo BO, Yang Q, McCarroll S, Sabeti P, Lettre G, De Jager P, Hirschhorn J, Zhu X, Cooper R, Reich D, Wilson JG, Price AL. Genome-wide Comparison of African-Ancestry Populations from CARE and Other Cohorts Reveals Signals of Natural Selection. *Am J Hum Genet.* 2011 Sep 9;89(3):368-81. PubMed PMID: 21907010.
78. The International Consortium for Blood Pressure Genome-Wide Association Studies, Ehret GB, Munroe PB, Rice KM, Bochud M, Johnson AD, Chasman DI, Smith AV, Tobin MD, Verwoert GC, Hwang SJ, Pihur V, Vollenweider P, O'Reilly PF, Amin N, Bragg-Gresham JL, Teumer A, Glazer NL, Launer L, Hua Zhao J, Aulchenko Y, Heath S, Åuber S, Parsa A, Luan J, Arora P, Dehghan A, Zhang F, Lucas G, Hicks AA, Jackson AU, Peden JF, Tanaka T, Wild SH, Rudan I, Igl W, Milanecchi Y, Parker AN, Fava C, Chambers JC, Fox ER, Kumari M, Jin Go M, van der Harst P, Hong Linda Kao W, Sjogren M, Vinay DG, Alexander M, Tabara Y, Shaw-Hawkins S, Whincup PH, Liu Y, Shi G, Kuusisto J, Tayo B, Seielstad M, Sim X, Hoang Nguyen KD, Lehtim ki T, Matullo G, Wu Y, Gaunt TR, Charlotte Onland-Moret N, Cooper MN, Platou CG, Org E, Hardy R, Dahgam S, Palmen J, Vitart V, Braund PS, Kuznetsova T, Uiterwaal CS, **Adeyemo A**, Palmas W, Campbell H, Ludwig B, Tomaszewski M, Tzoulaki I, Palmer ND, Aspelund T, Garcia M, Chang YP, O'Connell JR, Steinle NI, Grobbee DE, Arking DE, Kardina SL, Morrison AC, Hernandez D, Najjar S, McArdle WL, Hadley D, Brown MJ, Connell JM, Hingorani AD, Day IN, Lawlor DA, Beilby JP, Lawrence RW, Clarke R, Hopewell JC, Ongen H, Dreisbach AW, Li Y, Hunter Young J, Bis JC, K h nen M, Viikari J, Adair LS, Lee NR, Chen MH, Olden M, Pattaro C, Hoffman Bolton JA, K ttgen A, Bergmann S, Mooser V, Chaturvedi N, Frayling TM, Islam M, Jafar TH, Erdmann J, Kulkarni SR, Bornstein SR, Gr ssler J,

- Groop L, Voight BF, Kettunen J, Howard P, Taylor A, Guarrera S, Ricceri F, Emilsson V, Plump A, Barroso I, Khaw KT, Weder AB, Hunt SC, Sun YV, Bergman RN, Collins FS, Bonnycastle LL, Scott LJ, Stringham HM, Peltonen L, Perola M, Vartiainen E, Brand SM, Staessen JA, Wang TJ, Burton PR, Soler Artigas M, Dong Y, Snieder H, Wang X, Zhu H, Lohman KK, Rudock ME, Heckbert SR, Smith NL, Wiggins KL, Doumatey A, Shriner D, Veldre G, Viigimaa M, Kinra S, Prabhakaran D, Tripathy V, Langefeld CD, Rosengren A, Thelle DS, Maria Corsi A, Singleton A, Forrester T, Hilton G, McKenzie CA, Salako T, Iwai N, Kita Y, Ogiwara T, Ohkubo T, Okamura T, Ueshima H, Umemura S, Eyheramendy S, Meitinger T, Wichmann HE, Shin Cho Y, Kim HL, Lee JY, Scott J, Sehmi JS, Zhang W, Hedblad B, Nilsson P, Davey Smith G, Wong A, Narisu N, Stanek A, Raffel LJ, Yao J, Kathiresan S, O'Donnell CJ, Schwartz SM, Arfan Ikram M, Longstreth Jr WT, Mosley TH, Seshadri S, Shrine NR, Wain LV, Morken MA, Swift AJ, Laitinen J, Prokopenko I, Zitting P, Cooper JA, Humphries SE, Danesh J, Rasheed A, Goel A, Hamsten A, Watkins H, Bakker SJ, van Gilst WH, Janipalli CS, Radha Mani K, Yajnik CS, Hofman A, Mattace-Raso FU, Oostra BA, Demirkan A, Isaacs A, Rivadeneira F, Lakatta EG, Orru M, Scuteri A, Ala-Korpela M, Kangas AJ, Lyytikäinen LP, Soininen P, Tukiainen T, Wårtz P, Tsee-Hee Ong R, D'Adamo M, Kroemer HK, Volker U, Volzke H, Galan P, Herceberg S, Lathrop M, Zelenika D, Deloukas P, Mangino M, Spector TD, Zhai G, Meschia JF, Nalls MA, Sharma P, Terzic J, Kranthi Kumar MV, Denniff M, Zukowska-Szczewska E, Wagenknecht LE, Gerald R Fowkes F, Charchar FJ, Schwarz PE, Hayward C, Guo X, Rotimi C, Bots ML, Brand E, Samani NJ, Polasek O, Talmud PJ, Nyberg F, Kuh D, Laan M, Hveem K, Palmer LJ, van der Schouw YT, Casas JP, Mohlke KL, Vineis P, Raitakari O, Ganesh SK, Wong TY, Shyong Tai E, Cooper RS, Laakso M, Rao DC, Harris TB, Morris RW, Dominiczak AF, Kivimaki M, Marmot MG, Miki T, Saleheen D, Chandak GR, Coresh J, Navis G, Salomaa V, Han BG, Zhu X, Kooner JS, Melander O, Ridker PM, Bandinelli S, Gyllenstein UB, Wright AF, Wilson JF, Ferrucci L, Farrall M, Tuomilehto J, Pramstaller PP, Elosua R, Soranzo N, Sijbrands EJ, Altshuler D, Loos RJ, Shuldiner AR, Gieger C, Meneton P, Uitterlinden AG, Wareham NJ, Gudnason V, Rotter JI, Rettig R, Uda M, Strachan DP, Witteman JC, Hartikainen AL, Beckmann JS, Boerwinkle E, Vasani RS, Boehnke M, Larson MG, Jarvelin MR, Psaty BM, Abecasis GR, Chakravarti A, Elliott P, van Duijn CM, Newton-Cheh C, Levy D, Caulfield MJ, Johnson T. Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. *Nature*. 2011 Sep 11. doi: 10.1038/nature10405. [Epub ahead of print] PubMed PMID: 21909115.
79. Liu CT, Garnaas MK, Tin A, Kottgen A, Franceschini N, Peralta CA, de Boer IH, Lu X, Atkinson E, Ding J, Nalls M, Shriner D, Coresh J, Kutlar A, Bibbins-Domingo K, Siscovick D, Akyzbekova E, Wyatt S, Astor B, Mychaleckyj J, Li M, Reilly MP, Townsend RR, **Adeyemo A**, Zonderman AB, de Andrade M, Turner ST, Mosley TH, Harris TB; The CKDGen Consortium, Rotimi CN, Liu Y, Kardia SL, Evans MK, Shlipak MG, Kramer H, Flessner MF, Dreisbach AW, Goessling W, Cupples LA, Kao WL, Fox CS. Genetic Association for Renal Traits among Participants of African Ancestry Reveals New Loci for Renal Function. *PLoS Genet*. 2011 Sep;7(9):e1002264. Epub 2011 Sep 8. PubMed PMID: 21931561; PubMed Central PMCID: PMC3169523.
80. Cabral WA, Barnes AM, **Adeyemo A**, Cushing K, Chitayat D, Porter FD, Panny SR, Gulamali-Majid F, Tishkoff SA, Rebbeck TR, Gueye SM, Bailey-Wilson JE, Brody LC, Rotimi CN, Marini JC. A founder mutation in LEPRE1 carried by 1.5% of West Africans and 0.4% of African Americans causes lethal recessive osteogenesis imperfecta. *Genet Med*. 2012 May;14(5):543-51. doi: 10.1038/gim.2011.44. Epub 2012 Jan 26. PubMed PMID: 22281939; PubMed Central PMCID: PMC3393768.
81. Palmer ND, McDonough CW, Hicks PJ, Roh BH, Wing MR, An SS, Hester JM, Cooke JN, Bostrom MA, Rudock ME, Talbert ME, Lewis JP; DIAGRAM Consortium; MAGIC Investigators, Ferrara A, Lu L, Ziegler JT, Sale MM, Divers J, Shriner D, **Adeyemo A**, Rotimi CN, Ng MC, Langefeld CD, Freedman BI, Bowden DW. A genome-wide association search for type 2 diabetes genes in african americans. *PLoS One*. 2012;7(1):e29202. Epub 2012 Jan 4. PubMed PMID: 22238593; PubMed Central PMCID: PMC3251563.
82. Shriner D, **Adeyemo A**, Rotimi CN. Joint ancestry and association testing in admixed individuals. *PLoS Comput Biol*. 2011 Dec;7(12):e1002325. Epub 2011 Dec 22. PubMed PMID: 22216000; PubMed Central PMCID: PMC3245293.
83. Tekola Ayele F, Doumatey A, Huang H, Zhou J, Charles B, Erdos M, Adeleye J, Balogun W, Fasanmade O, Johnson T, Oli J, Okafor G, Amoah A, Eghan BA Jr, Agyenim-Boateng K, Acheampong J, Adebamowo CA, Herbert A, Gerry N, Christman M, Chen G, Shriner D, **Adeyemo A**, Rotimi CN. Genome-wide associated loci influencing interleukin (IL)-10, IL-1Ra, and IL-6 levels in African Americans. *Immunogenetics*. 2011 Dec 29. [Epub ahead of print] PubMed PMID: 22205395.
84. Chen G, Ramos E, **Adeyemo A**, Shriner D, Zhou J, Doumatey AP, Huang H, Erdos MR, Gerry NP, Herbert A, Bentley AR, Xu H, Charles BA, Christman MF, Rotimi CN. UGT1A1 is a major locus influencing bilirubin

- levels in African Americans. *Eur J Hum Genet.* 2011 Nov 16. doi: 10.1038/ejhg.2011.206. [Epub ahead of print] PubMed PMID: 22085899.
85. N'Diaye A, Chen GK, Palmer CD, Ge B, Tayo B, Mathias RA, Ding J, Nalls MA, **Adeyemo A**, Adoue V, Ambrosone CB, Atwood L, Bandera EV, Becker LC, Berndt SI, Bernstein L, Blot WJ, Boerwinkle E, Britton A, Casey G, Chanock SJ, Demerath E, Deming SL, Diver WR, Fox C, Harris TB, Hernandez DG, Hu JJ, Ingles SA, John EM, Johnson C, Keating B, Kittles RA, Kolonel LN, Kritchevsky SB, Le Marchand L, Lohman K, Liu J, Millikan RC, Murphy A, Musani S, Neslund-Dudas C, North KE, Nyante S, Ogunniyi A, Ostrander EA, Papanicolaou G, Patel S, Pettaway CA, Press MF, Redline S, Rodriguez-Gil JL, Rotimi C, Rybicki BA, Salako B, Schreiner PJ, Signorello LB, Singleton AB, Stanford JL, Stram AH, Stram DO, Strom SS, Suktitipat B, Thun MJ, Witte JS, Yanek LR, Ziegler RG, Zheng W, Zhu X, Zmuda JM, Zonderman AB, Evans MK, Liu Y, Becker DM, Cooper RS, Pastinen T, Henderson BE, Hirschhorn JN, Lettre G, Haiman CA. Identification, replication, and fine-mapping of Loci associated with adult height in individuals of African ancestry. *PLoS Genet.* 2011 Oct;7(10):e1002298. Epub 2011 Oct 6. Erratum in: *PLoS Genet.* 2011 Nov;7(11). doi:10.1371/annotation/58c67154-3f10-4155-9085-dcd6e3689008. PubMed PMID: 21998595; PubMed Central PMCID: PMC3188544.
  86. Engel ME, Stander R, Vogel J, **Adeyemo AA**, Mayosi BM. Genetic susceptibility to acute rheumatic fever: a systematic review and meta-analysis of twin studies. *PLoS One.* 2011;6(9):e25326. Epub 2011 Sep 30. PubMed PMID: 21980428; PubMed Central PMCID: PMC3184125.
  87. **Adeyemo A**, Bentley AR, Meilleur KG, Doumatey AP, Chen G, Zhou J, Shriner D, Huang H, Herbert A, Gerry NP, Christman MF, Rotimi CN. Transferability and Fine Mapping of genome-wide associated loci for lipids in African Americans. *BMC Med Genet.* 2012 Sep 21;13(1):88. [Epub ahead of print] PubMed PMID: 22994408.
  88. Bentley AR, Doumatey AP, Chen G, Huang H, Zhou J, Shriner D, Jiang C, Zhang Z, Liu G, Fasanmade O, Johnson T, Oli J, Okafor G, Eghan BA Jr, Agyenim-Boateng K, Adeleye J, Balogun W, Adebamowo C, Amoah A, Acheampong J, **Adeyemo A**, Rotimi CN. Variation in APOL1 Contributes to Ancestry-Level Differences in HDLc-Kidney Function Association. *Int J Nephrol.* 2012;2012:748984. Epub 2012 Sep 2. PubMed PMID: 22973513; PubMed Central PMCID: PMC3438781.
  89. Doumatey AP, Zhou J, Huang H, Adeleye J, Balogun W, Fasanmade O, Johnson T, Oli J, Okafor G, Amoah A, Eghan B, Agyenim-Boateng K, Acheampong J, Adebamowo C, Adeyemo A, Rotimi CN. Circulating adiponectin is associated with renal function independent of age and serum lipids in west africans. *Int J Nephrol.* 2012;2012:730920. Epub 2012 Aug 22. PubMed PMID: 22957255; PubMed Central PMCID: PMC3432369.
  90. Chen G, Yuan A, Zhou Y, Bentley AR, Zhou J, Chen W, Shriner D, **Adeyemo A**, Rotimi CN. Simultaneous Analysis of Common and Rare Variants in Complex Traits: Application to SNPs (SCARVAsnp). *Bioinform Biol Insights.* 2012;6:177-85. Epub 2012 Jul 31. PubMed PMID: 22904618; PubMed Central PMCID: PMC3418150.
  91. Liu CT, Ng MC, Rybin D, **Adeyemo A**, Bielinski SJ, Boerwinkle E, Borecki I, Cade B, Chen YD, Djousse L, Fornage M, Goodarzi MO, Grant SF, Guo X, Harris T, Kabagambe E, Kizer JR, Liu Y, Lunetta KL, Mukamal K, Nettleton JA, Pankow JS, Patel SR, Ramos E, Rasmussen-Torvik L, Rich SS, Rotimi CN, Sarpong D, Shriner D, Sims M, Zmuda JM, Redline S, Kao WH, Siscovick D, Florez JC, Rotter JI, Dupuis J, Wilson JG, Bowden DW, Meigs JB. Transferability and fine-mapping of glucose and insulin quantitative trait loci across populations: CARE, the Candidate Gene Association Resource Diabetologia. 2012 Nov;55(11):2970-84. doi: 10.1007/s00125-012-2656-4. Epub 2012 Aug 16. PubMed PMID: 22893027.
  92. Chen G, Yuan A, Zhou J, Bentley AR, **Adeyemo A**, Rotimi CN. Simple f test reveals gene-gene interactions in case-control studies. *Bioinform Biol Insights.* 2012;6:169-76. Epub 2012 Jul 2. PubMed PMID: 22837643; PubMed Central PMCID: PMC3399554.
  93. Chen G, Bentley A, **Adeyemo A**, Shriner D, Zhou J, Doumatey A, Huang H, Ramos E, Erdos M, Gerry N, Herbert A, Christman M, Rotimi C. Genome-wide association study identifies novel loci association with fasting insulin and insulin resistance in African Americans. *Hum Mol Genet.* 2012 Oct 15;21(20):4530-6. Epub 2012 Jul 12. PubMed PMID: 22791750; PubMed Central PMCID: PMC3459464.
  94. Tekola Ayele F, Hailu E, Finan C, Aseffa A, Davey G, Newport MJ, Rotimi CN, **Adeyemo A**. Prediction of HLA class II alleles using SNPs in an African population. *PLoS One.* 2012;7(6):e40206. Epub 2012 Jun 28. PubMed PMID: 22761960; PubMed Central PMCID: PMC3386230.
  95. Reder NP, Tayo BO, Salako B, Ogunniyi A, **Adeyemo A**, Rotimi C, Cooper RS. Adrenergic alpha-1 pathway is associated with hypertension among Nigerians in a pathway-focused analysis. *PLoS One.* 2012;7(5):e37145. Epub 2012 May 16. PubMed PMID: 22615923; PubMed Central PMCID: PMC3353888.

96. Amodu OK, Olaniyan SA, **Adeyemo AA**, Troye-Blomberg M, Olumese PE, Omotade OO. Association of the sickle cell trait and the ABO blood group with clinical severity of malaria in southwest Nigeria. *Acta Trop.* 2012 Aug;123(2):72-7. Epub 2012 Apr 5. PubMed PMID: 22503377.
97. Doumatey AP, Chen G, Tekola Ayele F, Zhou J, Erdos M, Shriner D, Huang H, Adeleye J, Balogun W, Fasanmade O, Johnson T, Oli J, Okafor G, Amoah A, Eghan BA, Agyenim-Boateng K, Acheampong J, Adebamowo C, Gerry NP, Christman MF, **Adeyemo A**, Rotimi CN. C-reactive protein (CRP) promoter polymorphisms influence circulating CRP levels in a genome-wide association study of African Americans. *Hum Mol Genet.* 2012 Jul 1;21(13):3063-72. Epub 2012 Apr 5. PubMed PMID: 22492993; PubMed Central PMCID: PMC3373247.
98. Tekola Ayele F, **Adeyemo A**, Finan C, Hailu E, Sinnott P, Burlinson ND, Aseffa A, Rotimi CN, Newport MJ, Davey G. HLA class II locus and susceptibility to podoconiosis. *N Engl J Med.* 2012 Mar 29;366(13):1200-8. PubMed PMID: 22455414; PubMed Central PMCID: PMC3350841.
99. Tekola Ayele F, **Adeyemo A**, Rotimi CN. Using a "genomics tool" to develop disease prevention strategy in a low-income setting: lessons from the podoconiosis research project. *J Community Genet.* 2012 Oct;3(4):303-9. doi: 10.1007/s12687-012-0086-0. Epub 2012 Mar 20. PubMed PMID: 22430163; PubMed Central PMCID: PMC3461224.
100. Amodu OK, Olaniyan SA, **Adeyemo AA**, Troye-Blomberg M, Olumese PE, Omotade OO. Association of the sickle cell trait and the ABO blood group with clinical severity of malaria in southwest Nigeria. *Acta Trop.* 2012 Aug;123(2):72-7. doi:10.1016/j.actatropica.2012.03.013. Epub 2012 Apr 5. PubMed PMID: 22503377.
101. Bentley AR, Doumatey AP, Chen G, Huang H, Zhou J, Shriner D, Jiang C, Zhang Z, Liu G, Fasanmade O, Johnson T, Oli J, Okafor G, Eghan BA Jr, Agyenim-Boateng K, Adeleye J, Balogun W, Adebamowo C, Amoah A, Acheampong J, **Adeyemo A**, Rotimi CN. Variation in APOL1 Contributes to Ancestry-Level Differences in HDLc-Kidney Function Association. *Int J Nephrol.* 2012;2012:748984. doi: 10.1155/2012/748984. Epub 2012 Sep 2. PubMed PMID: 22973513; PubMed Central PMCID: PMC3438781.
102. **Adeyemo A**, Bentley AR, Meilleur KG, Doumatey AP, Chen G, Zhou J, Shriner D, Huang H, Herbert A, Gerry NP, Christman MF, Rotimi CN. Transferability and Fine Mapping of genome-wide associated loci for lipids in African Americans. *BMC Med Genet.* 2012 Sep 21;13:88. doi: 10.1186/1471-2350-13-88. PubMed PMID: 22994408; PubMed Central PMCID: PMC3573912.
103. Shriner D, Herbert A, Doumatey AP, Zhou J, Huang H, Erdos MR, Chen G, Gerry NP, Christman MF, **Adeyemo A**, Rotimi CN. Multiple loci associated with renal function in African Americans. *PLoS One.* 2012;7(9):e45112. doi: 10.1371/journal.pone.0045112. Epub 2012 Sep 13. PubMed PMID: 23028791; PubMed Central PMCID: PMC3441677.
104. Eksi S, Morahan BJ, Haile Y, Furuya T, Jiang H, Ali O, Xu H, Kiattibutr K, Suri A, Czesny B, **Adeyemo A**, Myers TG, Sattabongkot J, Su XZ, Williamson KC. Plasmodium falciparum gametocyte development 1 (Pfgdv1) and gametocytogenesis early gene identification and commitment to sexual development. *PLoS Pathog.* 2012;8(10):e1002964. doi: 10.1371/journal.ppat.1002964. Epub 2012 Oct 18. PubMed PMID: 23093935; PubMed Central PMCID: PMC3475683.
105. Tiffin N, **Adeyemo A**, Okpechi I. A diverse array of genetic factors contribute to the pathogenesis of systemic lupus erythematosus. *Orphanet J Rare Dis.* 2013 Jan 7;8:2. doi: 10.1186/1750-1172-8-2. PubMed PMID: 23289717; PubMed Central PMCID: PMC3551738.
106. Monda KL, Chen GK, Taylor KC, Palmer C, Edwards TL, Lange LA, Ng MC, **Adeyemo AA**, Allison MA, Bielak LF, Chen G, Graff M, Irvin MR, Rhie SK, Li G, Liu Y, Liu Y, Lu Y, Nalls MA, Sun YV, Wojczynski MK, Yanek LR, Aldrich MC, Ademola A, Amos CI, Bandera EV, Bock CH, Britton A, Broeckel U, Cai Q, Caporaso NE, Carlson CS, Carpten J, Casey G, Chen WM, Chen F, Chen YD, Chiang CW, Coetzee GA, Demerath E, Deming-Halverson SL, Driver RW, Dubbert P, Feitosa MF, Feng Y, Freedman BI, Gillanders EM, Gottesman O, Guo X, Haritunians T, Harris T, Harris CC, Hennis AJ, Hernandez DG, McNeill LH, Howard TD, Howard BV, Howard VJ, Johnson KC, Kang SJ, Keating BJ, Kolb S, Kuller LH, Kutlar A, Langefeld CD, Lettre G, Lohman K, Lotay V, Lyon H, Manson JE, Maixner W, Meng YA, Monroe KR, Morhason-Bello I, Murphy AB, Mychaleckyj JC, Nadukuru R, Nathanson KL, Nayak U, N'diaye A, Nemesure B, Wu SY, Leske MC, Neslund-Dudas C, Neuhauser M, Nyante S, Ochs-Balcom H, Ogunniyi A, Ogundiran TO, Ojengbede O, Olopade OI, Palmer JR, Ruiz-Narvaez EA, Palmer ND, Press MF, Rimpersaud E, Rasmussen-Torvik LJ, Rodriguez-Gil JL, Salako B, Schadt EE, Schwartz AG, Shriner DA, Siscovick D, Smith SB, Wassertheil-Smoller S, Speliotes EK, Spitz MR, Sucheston L, Taylor H, Tayo BO, Tucker MA, Van Den Berg DJ, Edwards DR, Wang Z, Wiencke JK, Winkler TW, Witte JS, Wrensch M, Wu X, Yang JJ, Levin AM, Young TR, Zakai NA, Cushman M, Zanetti KA, Zhao JH, Zhao W, Zheng Y, Zhou J,

- Ziegler RG, Zmuda JM, Fernandes JK, Gilkeson GS, Kamen DL, Hunt KJ, Spruill IJ, Ambrosone CB, Amb S, Arnett DK, Atwood L, Becker DM, Berndt SI, Bernstein L, Blot WJ, Borecki IB, Bottinger EP, Bowden DW, Burke G, Chanock SJ, Cooper RS, Ding J, Duggan D, Evans MK, Fox C, Garvey WT, Bradfield JP, Hakonarson H, Grant SF, Hsing A, Chu L, Hu JJ, Huo D, Ingles SA, John EM, Jordan JM, Kabagambe EK, Kardia SL, Kittles RA, Goodman PJ, Klein EA, Kolonel LN, Le Marchand L, Liu S, McKnight B, Millikan RC, Mosley TH, Padhukasahasram B, Williams LK, Patel SR, Peters U, Pettaway CA, Peyser PA, Psaty BM, Redline S, Rotimi CN, Rybicki BA, Sale MM, Schreiner PJ, Signorello LB, Singleton AB, Stanford JL, Strom SS, Thun MJ, Vitolins M, Zheng W, Moore JH, Williams SM, Ketkar S, Zhu X, Zonderman AB; NABEC Consortium; UKBEC Consortium; BioBank Japan Project; AGEN Consortium, Kooperberg C, Papanicolaou GJ, Henderson BE, Reiner AP, Hirschhorn JN, Loos RJ, North KE, Haiman CA. A meta-analysis identifies new loci associated with body mass index in individuals of African ancestry. *Nat Genet.* 2013 Jun;45(6):690-6. doi: 10.1038/ng.2608. Epub 2013 Apr 14. PubMed PMID: 23583978; PubMed Central PMCID: PMC3694490.
107. Gbadegesin RA, Brophy PD, **Adeyemo A**, Hall G, Gupta IR, Hains D, Bartkowiak B, Rabinovich CE, Chandrasekharappa S, Homstad A, Westreich K, Wu G, Liu Y, Holanda D, Clarke J, Lavin P, Selim A, Miller S, Wiener JS, Ross SS, Foreman J, Rotimi C, Winn MP. TNXB Mutations Can Cause Vesicoureteral Reflux. *J Am Soc Nephrol.* 2013 Jul;24(8):1313-22. doi: 10.1681/ASN.2012121148. Epub 2013 Apr 25. PubMed PMID: 23620400; PubMed Central PMCID: PMC3736717.
108. Shriner D, **Adeyemo A**, Rotimi CN. Reconciling clinical importance and statistical significance. *Eur J Hum Genet.* 2013 May 22. doi: 10.1038/ejhg.2013.110. [Epub ahead of print] PubMed PMID: 23695278.
109. Wright GE, Koornhof PG, **Adeyemo AA**, Tiffin N. Ethical and legal implications of whole genome and whole exome sequencing in African populations. *BMC Med Ethics.* 2013 May 28;14:21. doi: 10.1186/1472-6939-14-21. PubMed PMID: 23714101; PubMed Central PMCID: PMC3668248.
110. Famooto A, Almutaba M, Dareng E, Akarolo-Anthony S, Ogbonna C, Offiong R, Olaniyan O, Wheeler CM, Doumatey A, Rotimi CN, **Adeyemo A**, Adebamowo CA. RPS19 and TYMS SNPs and Prevalent High Risk Human Papilloma Virus Infection in Nigerian Women. *PLoS One.* 2013 Jun 27;8(6):e66930. Print 2013. PubMed PMID: 23826176; PubMed Central PMCID: PMC3694982.
111. Ramos E, Doumatey A, Elkahlon AG, Shriner D, Huang H, Chen G, Zhou J, McLeod H, **Adeyemo A**, Rotimi CN. Pharmacogenomics, ancestry and clinical decision making for global populations. *Pharmacogenomics J.* 2013 Jul 9. doi: 10.1038/tpj.2013.24. [Epub ahead of print] PubMed PMID: 23835662.
112. Rotimi C, Shriner D, **Adeyemo A**. Genome science and health disparities: a growing success story? *Genome Med.* 2013 Jul 29;5(7):61. [Epub ahead of print] PubMed PMID: 23899246.
113. Liu CT, Monda KL, Taylor KC, Lange L, Demerath EW, Palmas W, Wojczynski MK, Ellis JC, Vitolins MZ, Liu S, Papanicolaou GJ, Irvin MR, Xue L, Griffin PJ, Nalls MA, **Adeyemo A**, Liu J, Li G, Ruiz-Narvaez EA, Chen WM, Chen F, Henderson BE, Millikan RC, Ambrosone CB, Strom SS, Guo X, Andrews JS, Sun YV, Mosley TH, Yanek LR, Shriner D, Haritunians T, Rotter JI, Speliotes EK, Smith M, Rosenberg L, Mychaleckyj J, Nayak U, Spruill I, Garvey WT, Pettaway C, Nyante S, Bandera EV, Britton AF, Zonderman AB, Rasmussen-Torvik LJ, Chen YD, Ding J, Lohman K, Kritchevsky SB, Zhao W, Peyser PA, Kardia SL, Kabagambe E, Broeckel U, Chen G, Zhou J, Wassertheil-Smoller S, Neuhaus ML, Rasmussen L, Ordovas JM, Palmer JR, Haiman CA, McKnight B, Howard BV, Becker DM, Bielak LF, Liu Y, Allison MA, Grant SF, Burke GL, Patel SR, Schreiner PJ, Borecki IB, Evans MK, Taylor H, Sale MM, Howard V, Carlson CS, Rotimi CN, Cushman M, Harris TB, Reiner AP, Cupples LA, North KE, Fox CS. Genome-wide association of body fat distribution in african ancestry populations suggests new Loci. *PLoS Genet.* 2013 Aug;9(8):e1003681. doi: 10.1371/journal.pgen.1003681. Epub 2013 Aug 15. PubMed PMID: 23966867; PubMed Central PMCID: PMC3744443.
114. Franceschini N, Fox E, Zhang Z, Edwards TL, Nalls MA, Sung YJ, Tayo BO, Sun YV, Gottesman O, **Adeyemo A**, Johnson AD, Young JH, Rice K, Duan Q, Chen F, Li Y, Tang H, Fornage M, Keene KL, Andrews JS, Smith JA, Faul JD, Guangfa Z, Guo W, Liu Y, Murray SS, Musani SK, Srinivasan S, Velez Edwards DR, Wang H, Becker LC, Bovet P, Bochud M, Broeckel U, Burnier M, Carty C, Chasman DI, Ehret G, Chen WM, Chen G, Chen W, Ding J, Dreisbach AW, Evans MK, Guo X, Garcia ME, Jensen R, Keller MF, Lettre G, Lotay V, Martin LW, Moore JH, Morrison AC, Mosley TH, Ogunniyi A, Palmas W, Papanicolaou G, Penman A, Polak JF, Ridker PM, Salako B, Singleton AB, Shriner D, Taylor KD, Vasani R, Wiggins K, Williams SM, Yanek LR, Zhao W, Zonderman AB, Becker DM, Berenson G, Boerwinkle E, Bottinger E, Cushman M, Eaton C, Nyberg F, Heiss G, Hirschhorn JN, Howard VJ, Karczewsk KJ, Lanktree MB, Liu K, Liu Y, Loos R, Margolis K, Snyder M; Asian Genetic Epidemiology Network Consortium, Psaty

- BM, Schork NJ, Weir DR, Rotimi CN, Sale MM, Harris T, Kardia SL, Hunt SC, Arnett D, Redline S, Cooper RS, Risch NJ, Rao DC, Rotter JI, Chakravarti A, Reiner AP, Levy D, Keating BJ, Zhu X. Genome-wide Association Analysis of Blood-Pressure Traits in African-Ancestry Individuals Reveals Common Associated Genes in African and Non-African Populations. *Am J Hum Genet.* 2013 Sep 5;93(3):545-54. doi: 10.1016/j.ajhg.2013.07.010. Epub 2013 Aug 22. PubMed PMID: 23972371.
115. Tekola-Ayele F, **Adeyemo AA**, Rotimi CN. Genetic epidemiology of type 2 diabetes and cardiovascular diseases in Africa. *Prog Cardiovasc Dis.* 2013 Nov-Dec;56(3):251-60. doi: 10.1016/j.pcad.2013.09.013. Review. PubMed PMID: 24267432; PubMed Central PMCID: PMC3840391.
116. **Adeyemo A**, Rotimi C. What does genomic medicine mean for diverse populations? *Mol Genet Genomic Med.* 2014 Jan;2(1):3-6. doi: 10.1002/mgg3.63. Epub 2014 Jan 10. PubMed PMID: 24498625; PubMed Central PMCID: PMC3907917.
117. Bentley AR, Chen G, Shriner D, Doumatey AP, Zhou J, Huang H, Mullikin JC, Blakesley RW, Hansen NF, Bouffard GG, Cherukuri PF, Maskeri B, Young AC, **Adeyemo A**, Rotimi CN. Gene-based sequencing identifies lipid-influencing variants with ethnicity-specific effects in African Americans. *PLoS Genet.* 2014 Mar 6;10(3):e1004190. doi: 10.1371/journal.pgen.1004190. eCollection 2014 Mar. PubMed PMID: 24603370; PubMed Central PMCID: PMC3945436.
118. Gbadegesin RA, Hall G, **Adeyemo A**, Hanke N, Tossidou I, Burchette J, Wu G, Homstad A, Sparks MA, Gomez J, Jiang R, Alonso A, Lavin P, Conlon P, Korstanje R, Stander MC, Shamsan G, Barua M, Spurney R, Singhal PC, Kopp JB, Haller H, Howell D, Pollak MR, Shaw AS, Schiffer M, Winn MP. Mutations in the gene that encodes the F-actin binding protein anillin cause FSGS. *J Am Soc Nephrol.* 2014 Sep;25(9):1991-2002. doi: 10.1681/ASN.2013090976. Epub 2014 Mar 27. PubMed PMID: 24676636; PubMed Central PMCID: PMC4147982.
119. Thomson R, Genovese G, Canon C, Kovacsics D, Higgins MK, Carrington M, Winkler CA, Kopp J, Rotimi C, **Adeyemo A**, Doumatey A, Ayodo G, Alper SL, Pollak MR, Friedman DJ, Raper J. Evolution of the primate trypanolytic factor APOL1. *Proc Natl Acad Sci U S A.* 2014 May 20;111(20):E2130-9. doi: 10.1073/pnas.1400699111. Epub 2014 May 7. PubMed PMID: 24808134; PubMed Central PMCID: PMC4034216.
120. Spruill IJ, Taylor J, Ancheta IB, **Adeyemo AA**, Powell-Young Y, Doswell W. Health disparities in genomics and genetics. *Nurs Res Pract.* 2014;2014:324327. doi: 10.1155/2014/324327. Epub 2014 Apr 22. PubMed PMID: 24864204; PubMed Central PMCID: PMC4016885.
121. Marshall PA, Adebamowo CA, **Adeyemo AA**, Ogundiran TO, Strenski T, Zhou J, Rotimi CN. Voluntary participation and comprehension of informed consent in a genetic epidemiological study of breast cancer in Nigeria. *BMC Med Ethics.* 2014 May 13;15:38. doi: 10.1186/1472-6939-15-38. PubMed PMID: 24885380; PubMed Central PMCID: PMC4032563.
122. Butali A, Mossey PA, Adeyemo WL, Eshete MA, Gaines LA, Even D, Braimah RO, Aregbesola BS, Rigdon JV, Emeka CI, James O, Ogunlewe MO, Ladeinde AL, Abate F, Hailu T, Mohammed I, Gravem PE, Deribew M, Gesses M, **Adeyemo AA**, Murray JC. Novel IRF6 mutations in families with Van Der Woude syndrome and popliteal pterygium syndrome from sub-Saharan Africa. *Mol Genet Genomic Med.* 2014 May;2(3):254-60. doi: 10.1002/mgg3.66. Epub 2014 Jan 27. PubMed PMID: 24936515; PubMed Central PMCID: PMC4049366.
123. Tekola-Ayele F, **Adeyemo A**, Aseffa A, Hailu E, Finan C, Davey G, Rotimi CN, Newport MJ. Clinical and pharmacogenomic implications of genetic variation in a Southern Ethiopian population. *Pharmacogenomics J.* 2014 Jul 29. doi: 10.1038/tpj.2014.39. [Epub ahead of print] PubMed PMID: 25069476.
124. Butali A, Mossey P, Adeyemo W, Eshete M, Gaines L, Braimah R, Aregbesola B, Rigdon J, Emeka C, Olutayo J, Ogunlewe O, Ladeinde A, Abate F, Hailu T, Mohammed I, Gravem P, Deribew M, Gesses M, **Adeyemo A**, Marazita M, Murray J. Rare functional variants in genome-wide association identified candidate genes for nonsyndromic clefts in the African population. *Am J Med Genet A.* 2014 Oct;164A(10):2567-71. doi: 10.1002/ajmg.a.36691. Epub 2014 Jul 31. PubMed PMID: 25081408; PubMed Central PMCID: PMC4169286.
125. Ng MC, Shriner D, Chen BH, Li J, Chen WM, Guo X, Liu J, Bielinski SJ, Yanek LR, Nalls MA, Comeau ME, Rasmussen-Torvik LJ, Jensen RA, Evans DS, Sun YV, An P, Patel SR, Lu Y, Long J, Armstrong LL, Wagenknecht L, Yang L, Snively BM, Palmer ND, Mudgal P, Langefeld CD, Keene KL, Freedman BI, Mychaleckyj JC, Nayak U, Raffel LJ, Goodarzi MO, Chen YD, Taylor HA Jr, Correa A, Sims M, Couper D, Pankow JS, Boerwinkle E, **Adeyemo A**, Doumatey A, Chen G, Mathias RA, Vaidya D, Singleton AB, Zonderman AB, Igo RP Jr, Sedor JR; FIND Consortium, Kabagambe EK, Siscovick DS, McKnight B, Rice K, Liu Y, Hsueh WC, Zhao W, Bielak LF, Kraja A, Province MA, Bottinger EP, Gottesman O, Cai Q, Zheng W, Blot WJ, Lowe WL, Pacheco JA, Crawford DC; eMERGE Consortium; DIAGRAM Consortium,

- Grundberg E; MuTHER Consortium, Rich SS, Hayes MG, Shu XO, Loos RJ, Borecki IB, Peyser PA, Cummings SR, Psaty BM, Fornage M, Iyengar SK, Evans MK, Becker DM, Kao WH, Wilson JG, Rotter JI, Sale MM, Liu S, Rotimi CN, Bowden DW; MEta-analysis of type 2 Diabetes in African Americans Consortium. Meta-analysis of genome-wide association studies in African Americans provides insights into the genetic architecture of type 2 diabetes. *PLoS Genet.* 2014 Aug 7;10(8):e1004517. doi: 10.1371/journal.pgen.1004517. eCollection 2014 Aug. PubMed PMID: 25102180; PubMed Central PMCID: PMC4125087.
126. Shriner D, Tekola-Ayele F, **Adeyemo A**, Rotimi CN. Genome-wide genotype and sequence-based reconstruction of the 140,000 year history of modern human ancestry. *Sci Rep.* 2014 Aug 13;4:6055. doi: 10.1038/srep06055. PubMed PMID: 25116736; PubMed Central PMCID: PMC4131216.
127. Malone AF, Phelan PJ, Hall G, Cetincelik U, Homstad A, Alonso AS, Jiang R, Lindsey TB, Wu G, Sparks MA, Smith SR, Webb NJ, Kalra PA, **Adeyemo AA**, Shaw AS, Conlon PJ, Jennette JC, Howell DN, Winn MP, Gbadegesin RA. Rare hereditary COL4A3/COL4A4 variants may be mistaken for familial focal segmental glomerulosclerosis. *Kidney Int.* 2014 Sep 17. doi: 10.1038/ki.2014.305. [Epub ahead of print] PubMed PMID: 25229338.
128. Wright G, **Adeyemo AA**, Tiffin N. Informed consent and ethical re-use of African genomic data. *Hum Genomics.* 2014 Oct 22;8(1):18. [Epub ahead of print] PubMed PMID: 25339190.
129. Gbadegesin RA, **Adeyemo A**, Webb NJ, Greenbaum LA, Abeyagunawardena A, Thalagahagoda S, Kale A, Gipson D, Srivastava T, Lin JJ, Chand D, Hunley TE, Brophy PD, Bagga A, Sinha A, Rheault MN, Ghali J, Nicholls K, Abraham E, Halima J, Omoloja A, Barletta GM, Cai Y, Milford DD, O'Brien C, Awan A, Belostotsky V, Smoyer WE, Homstad A, Hall G, Wu G, Nagaraj S, Wigfall D, Foreman J, Winn MP; Members of the Mid-West Pediatric Nephrology Consortium. HLA-DQA1 and PLCG2 Are Candidate Risk Loci for Childhood-Onset Steroid-Sensitive Nephrotic Syndrome. *J Am Soc Nephrol.* 2014 Oct 27. pii: ASN.2014030247. [Epub ahead of print] PubMed PMID: 25349203.
130. Tekola-Ayele F, **Adeyemo A**, Chen G, Hailu E, Aseffa A, Davey G, Newport MJ, Rotimi CN. Novel genomic signals of recent selection in an Ethiopian population. *Eur J Hum Genet.* 2014 Nov 5. doi: 10.1038/ejhg.2014.233. [Epub ahead of print] PubMed PMID: 25370040.

### Non-Communicable Disease Epidemiology

131. GBADEGESIN RA, ASINOBI AO, OSINUSI K and **ADEYEMO AA**. Is the height/plasma creatinine formula of Schwartz useful as a screening test in detecting Nigerian children with low GFR? *West Afr J Med* 1995; 14: 242-245
132. GBADEGESIN RA, **ADEYEMO AA**, ASINOBI AO and OSINUSI K. Inaccuracy of Schwartz formula in the estimation of glomerular filtration rate in Nigerian children. *Ann Trop Paediatr* 1997; 17: 179-185
133. GBADEGESIN RA, **ADEYEMO AA** and ASINOBI AO. Deaths in childhood nephrotic syndrome in Ibadan. *J Trop Paediatr* 1997;43: 248-249
134. OBISESAN KA, **ADEYEMO AA**, OHAERI JU, ARAMIDE FA, OKAFOR SI. The family planning aspects of the practice of traditional healers in Ibadan, Nigeria. *West Afr J Med* 1997; 16: 184-190
135. OBISESAN KA, **ADEYEMO AA**, FAKOKUNDE BO. Awareness and use of family planning methods among married women in Ibadan, Nigeria. *East Afr J Med* 1998; 75: 133-136
136. OBISESAN KA, **ADEYEMO AA**, OKUNADE MA. Haematological values in pregnancy in Ibadan, Nigeria. *Afr J Med Sci* 1998; 27: 7-11
137. OBISESAN KA, **ADEYEMO AA**. Infertility and other fertility-related issues in the practices of traditional healers and christian religious healers in south western Nigeria. *Afr J Med Sci* 1998; 27: 51-55
138. OBISESAN KA, **ADEYEMO AA**, FAWOLE AO, ADESINA OA. Squamous cell carcinoma of the cervix simulating an advanced malignancy of the ovaries. *Afr J Med Sci* 1998; 27: 135-136
139. OBISESAN KA, **ADEYEMO AA**, ONIFADE RA. Childhood sexuality and child sexual abuse in southwest Nigeria. *J Obstet Gynaecol* 1999; 19: 624-626
140. ROTIMI C, OKOSUN I, JOHNSON L, OWOAJE E, LAWYOIN T, ASUZU M, KAUFMAN J, **ADEYEMO A**, COOPER R. The distribution and mortality impact of chronic energy deficiency among adult Nigerian men and women. *Eur J Clin Nutr* 1999; 53: 734-739
141. ASINOBI AO, GBADEGESIN RA, **ADEYEMO AA**, AKANG EU, ABIOLA AO, OSINUSI K. The predominance of membranoproliferative glomerulonephritis in childhood nephrotic syndrome in Ibadan, Nigeria. *West Afr J Med* 1999;19:203-206.

142. AJAIYEGBA AI, ADEYEFA IA, **ADEYEMO DEBO**, OMOTADE YO. Xerophthalmia and vitamin A deficiency in Nigeria. *Ann Trop Paediatr.* 2000; 20:165-6.
143. KOTILA TR, **ADEYEMO AA**, ABBIYESUKU FM, SHOKUNBI WA. Betke's and elution methods in estimation of haemoglobin F in sickle cell anaemia. *East Afr Med J* 2000; 77: 336-339
144. LUKE A, ROTIMI CN, **ADEYEMO AA**, DURAZO-ARVIZU RA, PREWITT TE, MORAGNE-KAYSER L, HARDERS R, COOPER RS. Comparability of resting energy expenditure in Nigerians and U.S. blacks. *Obes Res.* 2000; 8:351-9.
145. LUKE A, COOPER RS, PREWITT TE, **ADEYEMO AA**, FORRESTER TE. Nutritional consequences of the African diaspora. *Annu Rev Nutr* 2001; 21: 47-71
146. **ADEYEMO AA**, PREWITT TE, LUKE AH, OMOTADE OO, ROTIMI CN, BRIEGER WR, COOPER RS. The feasibility of implementing a dietary sodium reduction intervention among free-living individuals in south west Nigeria. *Ethnicity Dis* 2002; 12: 207-212
147. LUKE A, DURAZO-ARVIZU RA, ROTIMI CN, IAMS H, SCHOELLER DA, **ADEYEMO AA**, FORRESTER TE, WILKS R, COOPER RS. Activity energy expenditure and adiposity among black adults in Nigeria and the United States. *Am J Clin Nutr* 2002 75:1045-50
148. SHETTY P, IYENGAR V, SAWAYA A, DIAZ E, MA G, HERNANDEZ-TRIANA M, FORRESTER T, VALENCIA M, RUSH E, **ADEYEMO A**, JAHLOOR F, ROBERTS S. Application of stable isotopic techniques in the prevention of degenerative diseases like obesity and NIDDM in developing societies. *Food Nutr Bull* 2002 23(3 Suppl):174-179
149. LEMAN C, **ADEYEMO AA**, SCHOELLER DA, COOPER RS, LUKE A. Body composition of children in southwestern Nigeria: validation of bioelectrical impedance analysis. *Ann Trop Paediatr* 2003; 23:61-7
150. MOODY JO, OJO OO, OMOTADE OO, **ADEYEMO AA**, OLUMESE PE, OGUNDIPE OO. Anti-sickling potential of a Nigerian herbal formula (ajawaron HF) and the major plant component (*Cissus populnea L. CPK*). *Phytother Res.* 2003; 17(10):1173-6.
151. OMOLOLU B, TELLA A, OGUNLADE SO, **ADEYEMO AA**, ADEBISI A, ALONGE TO, SALAWU SA, AKINPELU AO. Normal values of knee angle, intercondylar and intermalleolar distances in Nigerian children. *West Afr J Med.* 2003; 22(4):301-4.
152. LUKE A, **ADEYEMO A**, KRAMER H, FORRESTER T, COOPER RS. Association between blood pressure and resting energy expenditure independent of body size. *Hypertension.* 2004; 43:555-60.
153. BOYNE MS, GASKIN P, LUKE A, WILKS RJ, BENNETT FI, YOUNGER N, SARGEANT LA, **ADEYEMO AA**, COOPER RS, FORRESTER TE. Energetic determinants of glucose tolerance status in Jamaican adults. *Eur J Clin Nutr.* 2004; 58(12): 1666-8
154. LUKE A, KRAMER H, **ADEYEMO A**, FORRESTER T, WILKS R, SCHOELLER D, LEMAN C, COOPER RS. Relationship between blood pressure and physical activity assessed with stable isotopes. *J Hum Hypertens.* 2005; 19: 127-32
155. LUKE A, **ADEYEMO A**, KRAMER H, FORRESTER T, COOPER RS. Response: Blood Pressure, Resting Energy Expenditure, and Creatine Kinase Activity: Hypertension. 2004 Jul 26; [Epub ahead of print]
156. FORRESTER T, **ADEYEMO A**, SOARRES-WYNTER S, SARGENT L, BENNETT F, WILKS R, LUKE A, PREWITT E, KRAMER H, COOPER RS. A randomized trial on sodium reduction in two developing countries. *J Hum Hypertens.* 2005; 19: 55-60
157. BOYNE MS, GASKIN P, LUKE A, WILKS RJ, BENNETT FI, YOUNGER N, SARGEANT LA, **ADEYEMO AA**, COOPER RS, FORRESTER TE. Energetic determinants of glucose tolerance status in Jamaican adults. *Eur J Clin Nutr.* 2004 Dec;58(12):1666-8.
158. COOPER RS, WOLF-MAIER K, LUKE A, **ADEYEMO A**, BANEGAS JR, FORRESTER T, GIAMPAOLI S, JOFFRES M, KASTARINEN M, PRIMATESTA P, STEGMAYR B, THAMM M. An international comparative study of blood pressure in populations of European vs. African descent. *BMC Med.* 2005 Jan 05;3(1):2.
159. OLI JM, **ADEYEMO AA**, OKAFOR GO, OFOEGBU EN, ONYENEKWE B, CHUKWUKA CJ, CHEN G, CHEN Y, DOUMATEY AP, AJE TO, ROTIMI CN. Beta cell function and response to treatment in Nigerians with Type 2 diabetes mellitus. *Diabetes Res Clin Pract.* 2005 Aug;69(2):196-204.
160. LUKE A, DURAZO-ARVIZU R, CAO G, **ADEYEMO A**, TAYO B, COOPER R. Positive association between resting energy expenditure and weight gain in a lean adult population. *Am J Clin Nutr.* 2006 May;83(5):1076-81.
161. CAPPUCCIO FP, KERRY SM, **ADEYEMO A**, LUKE A, AMOAH AG, BOVET P, CONNOR MD, FORRESTER T, GERVASONI JP, KAKI GK, PLANGE-RHULE J, THOROGOOD M, COOPER RS. Body size and blood pressure: an analysis of Africans and the African diaspora. *Epidemiology.* 2008 Jan;19(1):38-46.

162. DURAZO-ARVIZU RA, LUKE A, COOPER RS, CAO G, DUGAS L, **ADEYEMO A**, BOYNE M, FORRESTER T. Rapid increases in obesity in Jamaica, compared to Nigeria and the United States. *BMC Public Health*. 2008 Apr 23;8:133.
163. EBERSOLE KE, DUGAS LR, DURAZO-ARVIZU RA, **ADEYEMO AA**, TAYO BO, OMOTADE OO, BRIEGER WR, SCHOELLER DA, COOPER RS, LUKE AH. Energy Expenditure and Adiposity in Nigerian and African-American Women. *Obesity (Silver Spring)*. 2008 Sep;16(9):2148-54.
164. LUKE A, DUGAS LR, EBERSOLE K, DURAZO-ARVIZU RA, CAO G, SCHOELLER DA, **ADEYEMO A**, BRIEGER WR, COOPER RS. Energy expenditure does not predict weight change in either Nigerian or African American women. *Am J Clin Nutr*. 2009 Jan;89(1):169-76. Epub 2008 Dec 3.
165. TEKOLA F, BULL SJ, FARSIDES B, NEWPORT MJ, **ADEYEMO A**, ROTIMI CN, DAVEY G. Tailoring consent to context: designing an appropriate consent process for a biomedical study in a low income setting. *PLoS Negl Trop Dis*. 2009 Jul 21;3(7):e482.
166. DOUMATEY AP, LASHLEY KS, HUANG H, ZHOU J, CHEN G, AMOAH A, AGYENIM-BOATENG K, OLI J, FASANMADE O, ADEBAMOWO CA, **ADEYEMO AA**, ROTIMI CN. Relationships among obesity, inflammation, and insulin resistance in African Americans and West Africans. *Obesity (Silver Spring)*. 2010 Mar;18(3):598-603. Epub 2009 Oct 1. PubMed PMID: 19798069.
167. MEILLEUR KG, DOUMATEY A, HUANG H, CHARLES B, CHEN G, ZHOU J, SHRINER D, **ADEYEMO A**, Rotimi C. Circulating Adiponectin Is Associated with Obesity and Serum Lipids in West Africans. *J Clin Endocrinol Metab*. 2010 Apr 9. [Epub ahead of print] PubMed PMID: 20382687.
168. TAYO BO, LUKE A, MCKENZIE CA, KRAMER H, CAO G, DURAZO-ARVIZU R, FORRESTER T, **ADEYEMO AA**, COOPER RS. Patterns of sodium and potassium excretion and blood pressure in the African Diaspora. *J Hum Hypertens*. 2011 May 19. [Epub ahead of print] PubMed PMID: 21593783; PubMed Central PMCID: PMC3158967.
169. CHARLES BA, DOUMATEY A, HUANG H, ZHOU J, CHEN G, SHRINER D, **ADEYEMO A**, ROTIMI CN. The Roles of IL-6, IL-10, and IL-1RA in Obesity and Insulin Resistance in African-Americans. *J Clin Endocrinol Metab*. 2011 Sep 28. [Epub ahead of print] PubMed PMID: 21956416.
170. Doumatey AP, Bentley AR, Zhou J, Huang H, **Adeyemo A**, Rotimi CN. Paradoxical Hyperadiponectinemia is Associated With the Metabolically Healthy Obese (MHO) Phenotype in African Americans. *J Endocrinol Metab*. 2012 Apr 1;2(2):51-65. PubMed PMID: 23293696; PubMed Central PMCID: PMC3534968.
171. **Adeyemo A**, Tayo BO, Luke A, Ogedegbe O, Durazo-Arvizu R, Cooper RS. The Nigerian antihypertensive adherence trial: a community-based randomized trial. *J Hypertens*. 2013 Jan;31(1):201-7. doi: 10.1097/HJH.0b013e32835b0842. PubMed PMID: 23137954; PubMed Central PMCID: PMC3530610.
172. Doumatey AP, Zhou J, Huang H, Adeleye J, Balogun W, Fasanmade O, Johnson T, Oli J, Okafor G, Amoah A, Eghan B, Agyenim-Boateng K, Acheampong J, Adebamowo C, **Adeyemo A**, Rotimi CN. Circulating adiponectin is associated with renal function independent of age and serum lipids in west africans. *Int J Nephrol*. 2012;2012:730920. doi: 10.1155/2012/730920. Epub 2012 Aug 22. PubMed PMID: 22957255; PubMed Central PMCID: PMC3432369.
173. Doumatey AP, Zhou J, **Adeyemo A**, Rotimi C. High sensitivity C-reactive protein (Hs-CRP) remains highly stable in long-term archived human serum. *Clin Biochem*. 2014 Mar;47(4-5):315-8. doi: 10.1016/j.clinbiochem.2013.12.014. Epub 2013 Dec 27. PubMed PMID: 24373927; PubMed Central PMCID: PMC3991112.
174. Barrington DS, **Adeyemo AA**, Rotimi CN. Childhood family living arrangements and blood pressure in black men: the Howard University Family Study. *Hypertension*. 2014 Jan;63(1):48-53. doi: 10.1161/HYPERTENSIONAHA.113.01629. Epub 2013 Dec 2. PubMed PMID: 24296284; PubMed Central PMCID: PMC3891049.

#### **Infectious Disease/Communicable Disease**

175. **ADEYEMO AA**, AKINDELE JA and OMOKHODION SI : Klebsiella septicaemia, osteomyelitis and septic arthritis in neonates in Ibadan, Nigeria. *Ann Trop Paediatr* 1993; 13:285-289.
176. OMOKHODION SI, **ADEYEMO AA** and AKINDELE JA. Neonatal Klebsiella septicaemia in Ibadan: Implications for neonatal care in developing countries. *Early Child Dev Care* 1993; 91: 71-85
177. **ADEYEMO AA**, GBADEGESIN RA, ONYEMENEM TN and EKWEOZOR CC. Urinary tract pathogens and antimicrobial sensitivity patterns in children in Ibadan, Nigeria. *Ann Trop Paediatr* 1994;14: 271-274
178. FALADE AG, FATUNDE OJ, AJAYI KO, ALUKO OT, **ADEYEMO AA** and FAMILUSI JB. Local tetanus: a

- case report. Niger J Paediatr 1994; 21 : 63-65
179. SODEINDE O, GBADEGESIN RA, **ADEYEMO AA** and ADEMOWO OG. Prehospital treatment of acute childhood diarrhoea in Ibadan, Nigeria. Niger J Paediatr 1994; 21 (Suppl): 132-136
  180. OMOTADE OO, KAYODE CM, DARE OO, OLADEPO O and **ADEYEMO AA**. Perceptions and first line home treatment of diarrhoeal diseases in Ona Ara Local Government Area of Oyo State. Niger J Paediatr 1994; 21(suppl) : 80-87
  181. OMOTADE OO, KAYODE CM, **ADEYEMO AA** and OLADEPO O. Observations on hand washing practices of mothers and environmental conditions in Ona-Ara Local Government Area of Oyo State. J Diarrhoeal Dis Res 1995; 13: 224-228
  182. GBADEGESIN RA, **ADEYEMO AA** and OSINUSI K. Post-neonatal tetanus in Ibadan. Niger J Paediatr 1996; 23: 11-15
  183. SODEINDE O, **ADEYEMO AA**, GBADEGESIN RA, OLALEYE BO, AJAYI-OBE K and ADEMOWO OG. The interaction between falciparum malaria and acute diarrhoea among Nigerian children. J Diarrhoeal Dis Res 1996; 14: 269-273
  184. OBISESAN KA, OLALEYE OD, **ADEYEMO AA**. The increasing prevalence of HIV-1 and HIV-2 infections in a low-risk antenatal population in south west Nigeria. Int J Gynecol Obstet 1997; 56: 271-273
  185. GBADEGESIN RA, SODEINDE O, **ADEYEMO AA**, ADEMOWO OG. Body temperature is a poor predictor of malaria parasitaemia in childhood acute diarrhoea. Ann Trop Paediatr 1997;17: 89-94
  186. SODEINDE O, **ADEYEMO AA**, GBADEGESIN RA, ADEMOWO OG. Lack of association between malaria and diarrhoea in Nigerian children. Am J Trop Med Hyg 1997; 57: 702-705
  187. SODEINDE O, **ADEYEMO AA**, GBADEGESIN RA, ADEMOWO OG. Persistent diarrhoea in children aged less than five years : a hospital based study. J Diarr Dis Res 1997; 15: 155-160
  188. **ADEYEMO AA**, SODEINDE O, GBADEGESIN RA and ADEMOWO OG. Breastfeeding and bloody diarrhoea in young children in Ibadan, Nigeria. J Trop Paediatr 1997; 43: 235-236
  189. AMODU OK, **ADEYEMO AA**, OLUMESE PE, GBADEGESIN RA. Intraleucocytic malaria pigment in asymptomatic and uncomplicated malaria. East Afr Med J 1997; 74: 714-716
  190. OLUMESE PE, **ADEYEMO AA**, GBADEGESIN RA, WALKER O. Retinal haemorrhage in cerebral malaria. East Afr Med J 1997; 74: 285-287
  191. OKUNRIBIDO OO, BRIEGER WR, OMOTADE OO, **ADEYEMO AA**. Cultural perceptions of diarrhoea and illness management choices among Yoruba mothers in Oyo State, Nigeria. Int Quarterly Comm Health Education 1997-98; 17: 309-318
  192. AMODU OK, **ADEYEMO AA**, OLUMESE PE, GBADEGESIN RA. Intraleucocytic malaria pigment and clinical severity of malaria infection in children. Trans R Soc Trop Med Hyg 1998; 92: 54-56
  193. OLALEYE OD, OMOTADE OO, SHENG Z, **ADEYEMO AA**, ODAIBO G. Human T-lymphotropic virus prevalence in mother-child pairs in south west Nigeria. J Trop Paediatr 1999; 45: 66-70
  194. OLUMESE PE, GBADEGESIN RA, **ADEYEMO AA**, BROWN B, WALKER O. Neurological features of cerebral malaria in Nigerian children. Ann Trop Paediatr 1999; 19: 321-325
  195. OLUMESE PE, BJORKMAN A, GBADEGESIN RA, **ADEYEMO AA**, WALKER O. Comparative efficacy of intramuscular artemether and intravenous quinine in Nigerian children with cerebral malaria. Acta Tropica 1999; 73: 231-236
  196. **ADEYEMO AA**, OLUMESE PE, GBADEGESIN RA, AMODU OK. Correlates of hepatomegaly and splenomegaly among healthy school children in a malaria-endemic village. Niger J Paediatr 1999; 26: 1-3
  197. OMOTADE OO, **ADEYEMO AA**, KAYODE CM, OLADEPO O. Treatment of childhood diarrhoea in Nigeria: Need for adaptation of health policy and programmes to cultural norms. J Health Pop Nutr 2000; 18: 139-144
  198. OMOTADE OO, OLALEYE DO, SALIU L, ODAIBO NG, **ADEYEMO AA**. Human immunodeficiency virus seropositivity among mother-child pairs in south west Nigeria : a community based survey. West Afr J Med 2001; 20: 232-236
  199. KAYODE CM, **ADEYEMO AA**, OMOTADE OO. Beliefs and perceptions about HIV infection and AIDS among mothers of infants in Ibadan, Nigeria. West Afr J Med 2002;21:43-7
  200. OLUMESE PE, AMODU OK, BJORKMAN A, **ADEYEMO AA**, GBADEGESIN RA and WALKER O. Chloroquine resistance of *Plasmodium falciparum* is associated with severity of disease in Nigerian children. Trans R Soc Trop Med Hyg 2002; 96: 418-420
  201. AYoola OO, **ADEYEMO AA** & OSINUSI K. Predictors of Bacteraemia among Febrile Infants in Ibadan, Nigeria. J Health Popul Nutr 2002: 20:223-229
  202. OGUCHE S, OMOKHODION SI, **ADEYEMO AA**. Low plasma bicarbonate predicts poor outcome of cerebral malaria in Nigerian children. West Afr J Med. 2002 ; 21: 276-9.

203. AYOOLA OO, **ADEYEMO AA**, OSINUSI K. Aetiological agents, clinical features and outcome of septicaemia in infants in Ibadan. *West Afr J Med.* 2003 ; 22: 30-4.
204. AMODU OK, OLUMESE PE, GBADEGESIN RA, AYOOLA OO, **ADEYEMO AA**. The influence of individual preventive measures on the clinical severity of malaria among Nigerian children. *Acta Trop.* 2006 Mar;97(3):370-2.

**Book chapter**

205. **ADEYEMO AA**. *Nigeria*. Book chapter In: D'Avanzo CE (ed): **Cultural Health Assessment. 4<sup>th</sup> edition**. Mosby's Pocket Guide Series. St. Louis, MO: Mosby Inc. 2007
206. **ADEYEMO AA**. *Nigeria*. Book chapter In: D'Avanzo CE, Geissler EM (eds): **Cultural Health Assessment. 3<sup>rd</sup> edition**. Mosby's Pocket Guide Series. St. Louis, MO: Mosby Inc. 2003. pp 587-593.