

CURRICULUM VITAE

CONTACT INFORMATION

Julio D. Duarte, Pharm.D., Ph.D., FAHA
 Department of Pharmacotherapy and Translational Research
 University of Florida College of Pharmacy
 HSC PO Box 100486, 1600 SW Archer Rd
 Gainesville, FL 32610
 352-273-8132
 juliiod@cop.ufl.edu

EDUCATION

- 2010-2011 Postdoctoral Fellowship – University of Florida College of Pharmacy
Faculty Mentor: Julie A. Johnson, Pharm.D
Fellowship Project: Association of chromosome 12 locus with antihypertensive response to hydrochlorothiazide may involve differential YEATS4 expression
- 2006-2010 Ph.D., Clinical Pharmaceutical Sciences – University of Florida College of Pharmacy
Faculty Advisor: Julie A. Johnson, Pharm.D
Dissertation Title: Genetic variation of a histone H3K79 methylating pathway and variability of blood pressure and metabolic responses to hydrochlorothiazide
- 2002-2006 Pharm.D. – University of Florida College of Pharmacy
Dean's List: 2004-2005
- 1999-2002 A.A. – University of Florida College of Liberal Arts and Sciences
Obtained while pursuing B.S. (Major: Microbiology and Cell Science, Minor: Chemistry)

PROFESSIONAL EXPERIENCE

- 2023-present **Co-Director, Center for Pharmacogenomics and Precision Medicine** – University of Florida College of Pharmacy, Gainesville, FL
- 2022-present **Graduate Coordinator** – Department of Pharmacotherapy and Translational Research, University of Florida College of Pharmacy, Gainesville, FL
- 2022-present **Associate Professor** – University of Florida College of Medicine, Gainesville, FL
- 2022-present **Associate Professor with tenure** – University of Florida College of Pharmacy, Gainesville, FL
- 2021-2023 Associate Director, Center for Pharmacogenomics and Precision Medicine – University of Florida College of Pharmacy, Gainesville, FL
- 2015-2022 Assistant Professor – University of Florida College of Pharmacy, Gainesville, FL
- 2017-2019 Clinical Staff Pharmacist – North Florida/South Georgia Veterans Health System, Gainesville, FL
- 2014-2015 Director, Pharmacogenomics Laboratory, University of Illinois College of Pharmacy, Chicago, IL
- 2013-2015 Co-Director, Personalized Medicine Program, University of Illinois Hospital, Chicago, IL
- 2013-2015 Assistant Professor – University of Illinois College of Pharmacy, Chicago, IL
- 2011-2015 Clinical Pharmacist – University of Illinois Hospital and Health Science System, Chicago, IL
- 2011-2013 Clinical Assistant Professor – University of Illinois College of Pharmacy, Chicago, IL
- 2007-2011 Internal Medicine Clinical Pharmacist – North Florida/South Georgia Veterans Health System, Gainesville, FL
- 2006-2007 Staff Pharmacist – CVS/pharmacy, Gainesville, FL

2003-2004 Pharmacy Technician - Shands Teaching Hospital, Gainesville, FL

LICENCES/CERTIFICATIONS

2016-present **Registered Pharmacist** – State of Florida
 2014 Pharmacy-Based Immunization Delivery Certification – American Pharmacists Association
 2011-2016 Registered Pharmacist – State of Illinois
 2009 Teaching Certificate - University of Florida College of Pharmacy
 2006-2011 Registered Pharmacist – State of Florida

AWARDS AND HONORS

2023 Faculty Diversity, Inclusion, and Health Equity Award, University of Florida College of Pharmacy
 2023 Outstanding Teaching Team – Year 3, University of Florida College of Pharmacy
 2017 Elected Fellow of the American Heart Association
 2017 Outstanding Clinical Science Research Award, University of Florida College of Pharmacy
 2015-2017 NIH Clinical Research Loan Repayment Program Awardee (NHLBI)
 2015 Finalist, Award for Excellence in Medication Safety, American Society of Health-System Pharmacists Foundation (for the UIC Personalized Medicine Program)
 2013 Hans W. Vahlteich Research Scholar, University of Illinois Chicago
 2009-2011 NIH Clinical Research Loan Repayment Program Awardee (NHLBI)
 2004-2005 University of Florida College of Pharmacy Dean's List
 1999-2002 Florida Academic Scholars Award

TEACHING EXPERIENCE

2019-present **Lecturer**, PHA 6694: Introduction to Graduate Studies – University of Florida College of Pharmacy
Created and presented a 1-hour lecture entitled, "Communication and Presentation Skills."
 2018-present **Lecturer**, PHA 5868C: Patient Care 8 – University of Florida College of Pharmacy
Developed and presented a 1-hour lecture entitled, "Pulmonary Hypertension" and participated in 4-hour active learning session covering the same topic.
 2017-present **Course Coordinator and Lecturer**, PHA 5012: Clinical Applications of Personalized Medicine – University of Florida College of Pharmacy
Created syllabus, course format, created and graded assignments, created and led active learning sessions, coordinated final exam. Created and presented 4 lectures.
 2017-present **Module Coordinator and Lecturer**, PHA 5878C: Patient Care 3 – University of Florida College of Pharmacy
Developed and presented six 1-hour lectures on the pharmacological management of ischemic heart disease and heart failure; led five 2-hour active learning sessions covering these topics.
 2017-present **Lecturer**, PHA 6185: Life Cycle of a Drug – University of Florida College of Pharmacy
Created and presented a 1-hour lecture entitled, "Pharmacogenomics in Drug Discovery and Development."
 2016-present **Lecturer**, PHA 6449: Pharmacogenomic and Genomic Data Analysis – University of Florida College of Pharmacy

- 2018-2022 *Created and presented two 1.5-hour lectures entitled, "Pharmacogenomic Applications of Next-Generation Sequencing" and "RNA sequencing in Pharmacogenomics."*
Coordinator, Pharm.D. Certificate in Personalized Medicine - University of Florida College of Pharmacy
Created and then coordinated a certificate program for Pharm.D. students desiring additional credentialing in personalized medicine. Advised students, created lecture series, tracked student progress, and maintained certificate website.
- 2020-2021 Course Coordinator and Lecturer, PHA 5040: Pharmacogenomics Literature Assessment – University of Florida College of Pharmacy
Created syllabus, course format, created and graded assignments, created and led active learning sessions, coordinated final exam. Created and presented 3 lectures.
- 2019-2021 Lecturer, PHA 6936: Special Topics: Grant Writing – University of Florida College of Pharmacy
Developed and presented a 1-hour lecture entitled, "Writing the Approach Section" and participated in 4 1.5-hour active learning sessions covering multiple grant-writing topics.
- 2019-2021 Course Coordinator and Lecturer, PHA 6135: Clinical Applications of Precision Medicine – University of Florida College of Pharmacy Pharmacogenomics & Precision Medicine Online Graduate Program
Created syllabus, course format, created and graded assignments, created and led active learning sessions, coordinated final exam. Created and presented 4 lectures.
- 2015 Course Coordinator and Lecturer, PMPR 355: Seminars in Pharmacy Research – University of Illinois College of Pharmacy
Created syllabus, lecturer list, and graded weekly written assignments. Additionally, created and presented lecture entitled, "Translational Pharmacogenomics: From Bench to Bedside".
- 2015 Lecturer, BPS 594: Special Topics in Biopharmaceutical Sciences: Drug Metabolism – University of Illinois College of Pharmacy
Created and presented 2-hour lecture entitled, "Inter-individual Variability in Drug Metabolism." Created exam questions based on lecture material
- 2013-2015 Lecturer, PHYB 301: Pathophysiology – University of Illinois College of Pharmacy
Created and presented lectures entitled, "Heart Failure Pathophysiology" and "Pathophysiology of Coronary Artery Disease." Created exam questions based on lecture material
- 2012-2015 Lecturer, PHAR 400: Pharmacokinetics – University of Illinois College of Pharmacy
Created and presented lectures entitled, "Sources of Pharmacokinetic Variability" and "Pharmacogenomics and Pharmacokinetic Variability". Created exam questions based on lecture material
- 2009 Lecturer, PHA 5782: Pharmacotherapy II - University of Florida College of Pharmacy
Created and presented 3-hour lecture entitled, "Treatment of Cardiac Arrhythmias" Created exam questions based on lecture material
- 2007-2008 Teaching Assistant, PHA 5109: Advanced Compounding Lab - University of Florida College of Pharmacy
Collaborated on curriculum and exam development, instructed students, and graded written work, pharmaceutical compounding skills, and completed drug products
- 2007-2008 Teaching Assistant, PHA 5109: Pharmacy Skills Lab II - University of Florida College of Pharmacy
Instructed students, graded written work, pharmaceutical compounding skills, and completed drug products

- 2007-2008 Lecturer, PHA 5113: Drug Therapy Monitoring and Pharmacogenomics - University of Florida College of Pharmacy
Lecture Title: "Pharmacogenomics in Oncology." Created and presented lecture. Created exam questions based on lecture material
- 2006-2008 Teaching Assistant, PHA 5108: Pharmacy Skills Lab I - University of Florida College of Pharmacy
Instructed students, and graded written work and pharmacy practice skills

PREVIOUS AND CURRENT TRAINEES

- 2023-present **Rylie Flohr, BS** – UF College of Pharmacy graduate student
- 2022-present **Christelle Lteif, PharmD, PhD** – UF College of Pharmacy postdoctoral fellow
- 2021-present **Brian Gawronski, PharmD** – UF College of Pharmacy graduate student
- 2019-present **Yimei Huang, PharmD** – UF College of Pharmacy graduate student
- 2019-present **Leonardo Guerra, BS** – SF2UF Bridge to Baccalaureate Program Fellow and UF University Scholars Program
- 2019-2021 Zohara Gruen, BS – UF undergraduate research assistant
- 2017-2021 Christelle Lteif, PharmD – UF College of Pharmacy graduate student
Next Position: Postdoctoral Fellow, UF COP
- 2017-2021 Leanne Dumeny, MD/PhD candidate – UF Genetics Institute graduate student (with LH Cavallari)
Next Position: MD candidate, UF
- 2018-2020 Rachel Dalton, PharmD, MS – NIH T32 Genomic Medicine Postdoctoral Fellow
Next Position: Curator, The Pharmacogenomics Knowledge Base (PharmGKB)
- 2017-2019 Nasim Vahabi, PhD – UF Postdoctoral Fellow, Translational Pharmacogenomics
Next Position: Postdoctoral Fellow, UF Informatics Institute
- 2017-2018 Emily Gibbons, PharmD candidate – UF Research student
Next Position: PGY-1 Pharmacy Resident, Seton Healthcare, Austin, TX
- 2017-2018 Davie Chen, BS candidate – UF University Scholars Program
Next Position: PharmD Candidate, Northeastern University
- 2016-2017 Katherine Riden, PharmD candidate – UF Research student
Next Position: Clinical Pharmacogenomics Research Fellow, University of Pittsburgh
- 2016-2017 Bankole Olowofela, BS candidate – UF University Scholars Program
Next Position: MD Candidate, UF
- 2014-2017 Meghan Arwood, PharmD – UIC/UF Postdoctoral Fellow, Translational Pharmacogenomics and MS candidate, Clinical and Translational Research
Next Position: Clinical Assistant Professor, UF College of Pharmacy
- 2015 Alison Quinn, PharmD – UIC Translational Pharmacogenomics PGY-2 Resident
Next Position: Pharmacogenomics Clinical Pharmacy Specialist, Kaiser Permanente, Denver, CO
- 2014-2015 Ina Liko, PharmD candidate – Research Assistant, UIC
Next Position: PGY-1 Pharmacy Resident, Monroe Clinic, Monroe, WI
- 2014-2015 Supatat Chumnumwat, PharmD – UIC Translational Pharmacogenomics PGY-2 Resident
Next Position: Lecturer, Faculty of Pharmacy, Mahidol University, Thailand
- 2014 Tetyana Melnyk, PharmD candidate – Research Assistant, UIC
Next Position: PGY-1 Pharmacy Resident, UIC
- 2013-2014 Yee Ming Lee, PharmD – UIC Translational Pharmacogenomics PGY-2 Resident
Next Position: Postdoctoral Fellow, University of Chicago

- 2013-2014 Kristin Progar, PharmD candidate – UIC Riback Research Fellow/ Research Student
Next Position: PGY-I Pharmacy Resident, UIC
- 2012-2013 Paulina Szczepaniak, BS candidate – UIC Undergraduate Honors Research Project
Next Position: PharmD Candidate, UIC

GRADUATE ADVISORY COMMITTEES

- 2022-present **Member, Samia Shabnaz, MS (PhD)** – UF College of Pharmacy
- 2021-present **Chair, Brian Gawronski, PharmD (PhD)** – UF College of Pharmacy
- 2021-present **External Member, Branden Nguyen, MS (PhD)** – UF College of Health and Human Performance
- 2020-present **External Member, Ann Pham, BS, (PhD)**– UF College of Medicine
- 2019-present **Chair, Yimei Huang, PharmD, (PhD)** – UF College of Pharmacy
- 2017-2021 Chair, Christelle Lteif, PharmD, (PhD)– UF College of Pharmacy
Next Position: Postdoctoral Fellow, University of Florida College of Pharmacy
- 2017-2021 Co-Chair, Leanne Dumeny MS (MD-PhD) – UF Genetics Institute
Next Position: MD Candidate, University of Florida College of Medicine
- 2018-2021 Member, Abdelrahman H. Elsayed, M.Sc., (PhD) – UF College of Pharmacy
Next Position: Postdoctoral Fellow, St. Jude Children's Research Hospital, Memphis, TN
- 2014-2017 Member, Miaoran Ning M.S., (PhD) – UIC College of Pharmacy
Next Position: Senior Scientist, AbbVie Inc., North Chicago, IL

PROFESSIONAL AFFILIATIONS AND MEMBERSHIP

- 2021-present **Pharmacogenomics Global Research Network (PGRN)**
- 2015-present **Clinical Pharmacogenetics Implementation Consortium (CPIC)**
- 2015-present **NIH Implementing Genomics in Practice (IGNITE) Network**
- 2007-present **American Society for Clinical Pharmacology and Therapeutics (ASCPT)**
- 2007-present **American Heart Association (AHA)**
- 2017-2023 American Society of Human Genetics (ASHG)
- 2013-2014 American Thoracic Society (ATS)
- 2007-2017 American College of Clinical Pharmacy (ACCP)
- 2004-2006 American Pharmacists Association - Academy of Student Pharmacists

PROFESSIONAL SERVICE

- 2020-present **Member, AHA Cardiovascular Genomics Course Programming Committee**
- 2019-present **Member, AHA Council on Genomic and Precision Medicine Professional Education and Publication Committee**
- 2022 Scientific Reviewer, NIH National Human Genome Research Institute Special Emphasis Panel – Advancing Genomic Medicine
- 2019 Scientific Reviewer (Ad-hoc), NIH Clinical and Integrative Cardiovascular Sciences (CICS) Study Section
- 2019 Session Moderator and Abstract Reviewer, ASHG Annual Meeting
- 2016-2020 Member, AHA Council on Genomic and Precision Medicine Membership and Communication Committee
- 2015-2019 Member-at-Large, AHA Council on Genomic and Precision Medicine Leadership Committee
- 2014-2018 Abstract Reviewer, ASCPT Annual Meeting
- 2018 Scientific Reviewer, U.S. Department of Defense CDMRP Peer Reviewed Medical Research Program

2016	Reviewer, PCORI-AHA Precision Medicine Advances using Nationally Crowdsourced Comparative Effectiveness Research Initiative
2015	Scientific Reviewer, U.S. Department of Defense CDMRP Peer Reviewed Medical Research Program
2015-2016	Member, ASCPT Award Nomination Task Force

UNIVERSITY SERVICE

2023-present	Chair , UF College of Pharmacy Faculty Governance Council
2023-present	Chair , UF Department of Pharmacotherapy and Translational Research non tenure-track faculty search committee
2023-present	Member , UF College of Pharmacy Research Committee
2022-present	Member , UF College of Pharmacy Graduate Education Committee
2021-present	Faculty Advisor , UF Organización Latina de Estudiantes de Farmacia
2019-present	Scientific Reviewer , UF CTSI Pilot Project Awards
2017-present	Member , UF College of Pharmacy Exemplary Clinician Award Selection Committee
2016-present	Admissions Interviewer , UF College of Pharmacy
2017	Chair, UF Department of Pharmacotherapy and Translational Research tenure-track faculty search committee
2017-2023	Member, UF College of Pharmacy Academic and Professional Standards Committee
2017-2023	Member, UF College of Pharmacy Faculty Governance Council
2016	Member, UF Department of Pharmacotherapy and Translational Research clinical-track faculty search committee
2015	Member, UIC Hans W. Vahlteich Research Award Selection Committee
2014-2015	Member, UIC College of Pharmacy Student Disciplinary Committee
2014-2015	Admissions Interviewer, UIC College of Pharmacy
2013-2015	Member, UIC College of Pharmacy Residents Research Committee
2012	Member, UIC College of Pharmacy Curricular Prerequisite Subcommittee

REVIEWER AND EDITORIAL SERVICE

2023-present	Reviewer, <i>JAMA</i>
2023-present	Reviewer, <i>Nature Communications</i>
2023-present	Reviewer, <i>JAHA</i>
2022-present	Reviewer, <i>Journal of Precision Medicine</i>
2021-present	Reviewer, <i>Circulation: Genomic and Precision Medicine</i>
2018-present	Review Editor, <i>Frontiers in Pharmacology</i>
2018-present	Reviewer, <i>Clinical and Translational Science</i>
2012-present	Reviewer, <i>Pharmacotherapy</i>
2021-present	Reviewer, <i>American Journal of Health-System Pharmacy</i>
2021-2022	Reviewer, <i>Circulation</i>
2021-2022	Reviewer, <i>Journal of the American College of Clinical Pharmacy</i>
2021	Reviewer, <i>Journal of the American Society of Nephrology</i>
2021	Reviewer, <i>The Lancet: EBioMedicine</i>
2020	Reviewer, <i>Scientific Reports</i>
2020	Reviewer, <i>British Journal of Pharmacology</i>
2018-2020	Reviewer, <i>Journal of Cardiovascular Pharmacology</i>
2019	Reviewer, <i>The Pharmacogenomics Journal</i>
2019	Reviewer, <i>Respiratory Research</i>
2018	Reviewer, <i>Nitric Oxide</i>

2018	Reviewer, <i>Molecular Biology Reports</i>
2016-2017	Reviewer, <i>Pharmaceutical Research</i>
2012-2016	Reviewer, <i>PLoS One</i>
2014-2015	Reviewer, <i>Pharmacogenomics</i>
2013	Reviewer, <i>American Journal of Hypertension</i>
2012	Reviewer, <i>American Journal of Respiratory and Critical Care Medicine</i>
2009	Reviewer, <i>Nutrition and Metabolism</i>
2008	Reviewer, <i>The Annals of Pharmacotherapy</i>

CURRENT RESEARCH FUNDING

2023-2028	NIH/NHGRI T32 HG008958 (MPI: Julio Duarte, Stephen Kimmel) “Program for Applied Research and Development in Genomic Medicine (PARADIGM)” Role: Contact PI
2021-2026	NIH/NHGRI R01 HG011800 (PI: Julio D. Duarte) “Preemptive pharmacogenetic testing in medically underserved populations” Total Funding: \$3,869,911 Role: Principal Investigator
2023-2025	NIH/NHGRI T32 HG008958 (MPI: Julio Duarte, Stephen Kimmel) “Program for Applied Research and Development in Genomic Medicine (PARADIGM)” Role: Primary Mentor (Brian Gawronski - Postdoctoral Fellow)
2022-2024	NIH/NIA R21 AG077715 (PI: Jennifer Dungan) “Genetic Associations of Ischemic Heart Disease and Symptoms Among Diverse Postmenopausal Women” Total Funding: \$419,375 Role: Co-Investigator
2023-2024	UF CTSI (UL1 TR001427) Precision Health System Pilot Award “Development and feasibility of a secure, portable, automated system for reporting pharmacogenetic test results and providing patient-specific clinical recommendations” Total Funding: \$25,000 Role: Principal Investigator
2021-2024	UF Shands Hospital Quasi-Endowment Fund “Using artificial intelligence to identify patients most likely to benefit from preemptive pharmacogenetic testing” Total Funding: \$14,150 Role: Principal Investigator
2018-2024	NIH/NHGRI U01 HG007269 (PI: Julie A. Johnson) “Sparkling Advancements in Genomic Medicine” Total Base Funding: \$1,825,333 Role: Co-Investigator

PAST RESEARCH FUNDING

2021-2022	UF CTSI (UL1 TR001427) Learning Health System Pilot Program “Clinical implementation pilot of preemptive pharmacogenetic testing in medically underserved patient populations”
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Total Funding: \$75,000
 Role: Principal Investigator

2019-2021 University of Florida Pharmacy Recurring Opportunity Seed Program for Education and Research (PROSPER)
 “Genomic predictors of disease development and treatment response in heart failure with preserved ejection fraction”
 Total Funding: \$36,000
 Role: Principal Investigator

2020-2021 NIH/NHLBI F31 HL154563 (PI: Leanne Dumeny)
 “Identifying Predictors of Spironolactone Response in Patients with Heart Failure with Preserved Ejection Fraction”
 Total Funding: \$46,393
 Role: Co-Mentor (with LH Cavallari)

2018-2020 NIH/NHGRI T32 HG008958 (MPI: Julie Johnson, Thomas Pearson)
 “Program for Applied Research and Development in Genomic Medicine (PARADIGM)”
 Role: Primary Mentor (Dalton, Rachel - Postdoctoral Fellow)

2015-2020 NIH/NIGMS K23 GM112014
 “Improving treatment personalization for pulmonary hypertension associated with diastolic heart failure”
 Total Funding: \$711,060
 Role: Principal Investigator

2015-2019 NIH/NIGMS R01 GM112746 (PI: Hyunyoung Jeong)
 “Molecular Basis of Interindividual Variability in CYP2D6-Mediated Drug Metabolism”
 Total Funding: \$1,199,968
 Role: Co-Investigator

2013-2015 University of Illinois Chicago Office of the Vice Chancellor of Research Areas of Excellence Award
 “Expansion of pharmacogenomics research and implementation at UIC”
 Total Funding: \$200,000
 Role: Principal Investigator

2013-2014 University of Illinois College of Pharmacy Hans W. Vahlteich Research Scholar Grant
 “Nebivolol for pulmonary hypertension associated with diastolic heart failure.”
 Total Funding: \$25,000
 Role: Principal Investigator

2012 University of Illinois Chicago Office of the Vice Chancellor of Research Areas of Excellence Award
 “Feasibility of an NIH Pharmacogenomics Research Network grant application”
 Total Funding: \$19,183
 Role: Principal Investigator

2008-2010 NIH/NIDDK T32 DK007518 (PI: Mark Segal)
 “Pre and Postdoctoral Training in Nephrology and Hypertension”
 Role: Predoctoral Fellow

2004 NIH/NHLBI T35 HL07489 (PI: Colin Sumners)

Faculty Sponsor: Reginald Frye
Role: Summer Research Fellow

PEER-REVIEWED PUBLICATIONS

(* indicates corresponding author)

- Lteif C, Eddy E, Terrell J, Cavallari LH, Malaty J, **Duarte JD***. Feasibility of preemptive pharmacogenetic testing and improvement of medication treatment satisfaction among medically underserved patients. *Clin Transl Sci*. 2023 Nov 27;17(1):e13692. doi: 10.1111/cts.13692. Epub ahead of print. PMID: 38013396; PMCID: PMC10772669.
- Oni-Orisan A*, Tuteja S, Hoffercker G, Smith DM, Castrichini M, Crews KR, Murphy WA, Nguyen NHK, Huang Y, Lteif C, Friede KA, Tantisira K, Aminkeng F, Voora D, Cavallari LH, Whirl-Carrillo M, **Duarte JD**, Luzum JA*; Pharmacogenomics Global Research Network (PGRN) Publications Committee. An Introductory Tutorial on Cardiovascular Pharmacogenetics for Healthcare Providers. *Clin Pharmacol Ther*. 2023 May 24. doi: 10.1002/cpt.2957. Epub ahead of print. PMID: 37303270.
- Kim K*, **Duarte JD**, Galanter WL, Han J, Lee JC, Cavallari LH, Nutescu EA. Pharmacist-guided pharmacogenetic service lowered warfarin-related hospitalizations. *Pharmacogenomics*. 2023 Apr;24(6):303-314. doi: 10.2217/pgs-2023-0014. Epub 2023 May 11. PMID: 37166395.
- Gawronski BE, Cicali EJ, McDonough CW, Cottler LB, **Duarte JD***. Exploring perceptions, knowledge, and attitudes regarding pharmacogenetic testing in the medically underserved. *Front Genet*. 2023 Jan 13;13:1085994. PMID: 36712853; PMCID: PMC9880414.
- Cavallari LH*, Limdi NA, Beitelshes AL, Lee JC, **Duarte JD**, Franchi F, Tuteja S, Giri J, Empey PE, Kreutz RP, Skaar TC, Allen JM, Coons JC, Gong Y, McDonough CW, Stevenson JM, Thomas CD, Johnson JA, Stouffer GA, Angiolillo DJ, Lee CR; IGNITE Network. Evaluation of Potential Racial Disparities in CYP2C19-Guided P2Y₁₂ Inhibitor Prescribing After Percutaneous Coronary Intervention. *Clin Pharmacol Ther*. 2023 Mar;113(3):615-623. doi: 10.1002/cpt.2776. Epub 2022 Nov 19. PMID: 36306392; PMCID: PMC9957848.
- Bagautdinova D, Lteif C, Eddy E, Terrell J, Fisher CL*, **Duarte JD***. Patients' Perspectives of Factors That Influence Pharmacogenetic Testing Uptake: Enhancing Patient Counseling and Results Dissemination. *J Pers Med*. 2022 Dec 11;12(12):2046. doi: 10.3390/jpm12122046. PMID: 36556266; PMCID: PMC9786315.
- Dungan JR*, Qin X, Gregory SG, Cooper-Dehoff R, **Duarte JD**, Qin H, Gulati M, Taylor JY, Pepine CJ, Hauser ER, Kraus WE. Sex-dimorphic gene effects on survival outcomes in people with coronary artery disease. *Am Heart J Plus*. 2022 May;17:100152. doi: 10.1016/j.ahjo.2022.100152. Epub 2022 Jun 14. PMID: 35959094; PMCID: PMC9365120.
- Beitelshes AL, Thomas CD, Empey PE, Stouffer GA, Angiolillo DJ, Franchi F, Tuteja S, Limdi NA, Lee JC, **Duarte JD**, Kreutz RP, Skaar TC, Coons JC, Giri J, McDonough CW, Rowland R, Stevenson JM, Thai T, Vesely MR, Wellen JT, Johnson JA, Winterstein AG, Cavallari LH, Lee CR; Implementing Genomics in Practice (IGNITE) Network Pharmacogenetics Working Group. CYP2C19 Genotype-Guided Antiplatelet Therapy After Percutaneous Coronary Intervention in Diverse Clinical Settings. *J Am Heart Assoc*. 2022 Feb 15;11(4):e024159. doi: 10.1161/JAHA.121.024159. Epub 2022 Feb 12. PMID: 35156424; PMCID: PMC9245803.
- Guerra LA, Lteif C, Arwood MJ, McDonough CW, Dumeny L, Desai AA, Cavallari LH, **Duarte JD***. Genetic polymorphisms in ADRB2 and ADRB1 are associated with differential survival in heart failure patients taking β -blockers. *The Pharmacogenomics Journal*. 2022 Feb;22(1):62-68.

- Dumeny L, Chantra M, Langaee T, Duong BQ, Zambrano DH, Han F, Lopez-Colon D, Humma JF, Dacosta J, Lovato T, Mei C, **Duarte JD**, Johnson JA, Peek GJ, Jacobs JP, Bleiweis MS, Cavallari LH*. β 1-receptor polymorphisms and junctional ectopic tachycardia in children after cardiac surgery. *Clinical and Translational Science*. Clin Transl Sci. 2022 Mar;15(3):619-625.
- Zolekar A, Kim K, Lee JC, Han J, **Duarte JD**, Galanter WL, Cavallari LH, Nutescu EA*. Changing from mandatory to optional genotyping results in higher acceptance of pharmacist-guided warfarin dosing. *Pharmacogenomics*. 2022 Jan;23(2):85-95.
- Dumeny L, Vardeny O, Edelmann F, Pieske B, **Duarte JD**, Cavallari LH*. NR3C2 Genotype is Associated with Response to Spironolactone in Diastolic Heart Failure Patients from the Aldo-DHF Trial. *Pharmacotherapy*. 2021 2021 Dec;41(12):978-987.
- **Duarte JD***, Dalton R, Elchynski AL, Smith DM, Cicali EJ, Lee JC, Duong BQ, Petry NJ, Aquilante CL, Beitelshes AL, Empey PE, Johnson JA, Owusu Obeng A, Pasternak AL, Pratt VM, Ramsey LB, Tuteja S, Van Driest SL, Wiisanen K, Hicks JK, Cavallari LH; IGNITE Network Pharmacogenetics Working Group. Multi-site investigation of strategies for the clinical implementation of preemptive pharmacogenetic testing. *Genetics in Medicine*. 2021 Dec;23(12):2335-2341.
- Vahabi N, McDonough CW, Desai AA, Cavallari LH, **Duarte JD**, Michailidis G. Cox-sMBPLS: An Algorithm for Disease Survival Prediction and Multi-Omics Module Discovery Incorporating Cis-Regulatory Quantitative Effects. *Frontiers in Genetics*. 2021 Aug 2;12:701405.
- **Duarte JD**, Cavallari LH*. Pharmacogenetics to guide cardiovascular drug therapy. *Nature Reviews Cardiology*. 2021 Sep;18(9):649-665.
- Dalton R, Brown JD, **Duarte JD***. Patients with geographic barriers to health care access are prescribed a higher proportion of drugs with pharmacogenetic testing guidelines. *Clinical and Translational Science*. 2021 Sep;14(5):1841-1852.
- Lteif C, Ataya A, **Duarte JD***. Therapeutic Challenges and Emerging Treatment Targets for Pulmonary Hypertension in Left Heart Disease. *Journal of the American Heart Association*. 2021 Jun;10(11):e020633.
- Gupta A, Fei YD, Kim TY, Xie A, Batai K, Greener I, Tang H, Ciftci-Yilmaz S, Juneman E, Indik JH, Shi G, Christensen J, Gupta G, Hillery C, Kansal MM, Parikh DS, Zhou T, Yuan JX, Kanthi Y, Bronk P, Koren G, Kittles R, **Duarte JD**, Garcia JGN, Machado RF, Dudley SC, Choi BR, Desai AA*. IL-18 mediates sickle cell cardiomyopathy and ventricular arrhythmias. *Blood*. 2021 Mar 4;137(9):1208-1218.
- Lee CR*, Thomas CD, Beitelshes AL, Tuteja S, Empey PE, Lee JC, Limdi NA, **Duarte JD**, Skaar TC, Chen Y, Cook KJ, Coons JC, Dillon C, Franchi F, Giri J, Gong Y, Kreutz RP, McDonough CW, Stevenson JM, Weck KE, Angiolillo DJ, Johnson JA, Stouffer GA, Cavallari LH; IGNITE Network Pharmacogenetics Working Group. Impact of the CYP2C19*17 Allele on Outcomes in Patients Receiving Genotype-Guided Antiplatelet Therapy After Percutaneous Coronary Intervention. *Clinical Pharmacology and Therapeutics*. 2021 Mar;109(3):705-715.
- Limdi NA*, Cavallari LH, Lee CR, Hillegass WB, Holmes AM, Skaar TC, Pisu M, Dillon C, Beitelshes AL, Empey PE, **Duarte JD**, Diaby V, Gong Y, Johnson JA, Graves J, Garbett S, Zhou Z, Peterson JF; Implementing GeNomics In pracTicE (IGNITE) Network Pharmacogenetic Working Group (IGNITE-PGx). Cost-effectiveness of CYP2C19-guided antiplatelet therapy in patients with acute coronary syndrome and percutaneous coronary intervention informed by real-world data. *The Pharmacogenomics Journal*. 2020 Oct;20(5):724-735.

- Arwood MJ, Vahabi N, Lteif C, Sharma R, Machado RF, **Duarte JD***. Transcriptome-wide analysis associates *ID2* expression with combined pre- and post-capillary pulmonary hypertension. *Scientific Reports*, 2019 Dec 20;9(1):19572.
- Lteif C, Arwood MJ, Kansal M, Cavallari LH, Desai AA, **Duarte JD***. Beta-blocker Dose Stratifies Mortality Risk in a Racially Diverse Heart Failure Population. *Journal of Cardiovascular Pharmacology*, 2019 2020 Mar;75(3):250-258.
- Ning M, **Duarte JD**, Stevison F, Isoherranen N, Rubin LH, Jeong H*. Determinants of Cytochrome P450 2D6 mRNA Levels in Healthy Human Liver Tissue. *Clinical and Translational Science*. 2019 Jul;12(4):416-423.
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- Ning M, **Duarte JD**, Rubin LH, Jeong H*. CYP2D6 Protein Level Is the Major Contributor to Interindividual Variability in CYP2D6-Mediated Drug Metabolism in Healthy Human Liver Tissue. *Clinical Pharmacology and Therapeutics* 2018 Nov;104(5):974-982.
- Cavallari LH*, Lee CR, Beitelshes AL, Cooper-DeHoff RM, **Duarte JD**, Voora D, Kimmel SE, McDonough CW, Gong Y, Dave CV, Pratt VM, Alestock TD, Anderson RD, Alsip J, Ardati AK, Brott BC, Brown L, Chumnumwat S, Clare-Salzler MJ, Coons JC, Denny JD, Dillon C, Elsey AR, Hamadeh IS, Harada S, Hillegass WB, Hines L, Horenstein RB, Howell LA, Jeng LJB, Kelemen MD, Lee YM, Magvanjav O, Montasser M, Nelson DR, Nutescu EA, Nwaba DC, Pakyz RE, Palmer K, Peterson JF, Pollin TI, Quinn AH, Robinson SW, Schub J, Skaar TC, Smith DM, Sriramoju VB, Starostik P, Stys TP, Stevenson JM, Varunok N, Vesely MR, Wake DT, Weck KE, Weitzel KW, Wilke RA, Willig J, Zhao RY, Kreutz RP, Stouffer GA, Empey PE, Limdi NA, Shuldiner AR, Winterstein AG, Johnson JA, on behalf of the IGNITE Network. Multisite Investigation of Outcomes with Implementation of *CYP2C19* Genotype-Guided Antiplatelet Therapy after Percutaneous Coronary Intervention. *JACC: Cardiovascular Interventions*, Jan 22;11(2):181-191.
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****Top 10 most cited articles of 2017-2018****

- Arwood MJ, Deng J, Drozda K, Pugach O, Nutescu EA, Schmidt S, **Duarte JD***, Cavallari LH*. Anticoagulation Endpoints with Clinical Implementation of Warfarin Pharmacogenetic Dosing in a Real-World Setting: A Proposal for a New Pharmacogenetic Dosing Approach. *Clinical Pharmacology and Therapeutics*, 2016 101(5): 675-683.
- **Duarte JD***, Desai AA, Sysol JR, Abbasi T, Patel AR, Lang RM, Gupta A, Garcia JG, Gordeuk VR, Machado RF*. Genome-Wide Analysis Identifies *IL-18* and *FUCA2* as Novel Genes Associated with Diastolic Function in African Americans with Sickle Cell Disease. *PLoS One*, 2016 Sep 16;11(9):e0163013.
- Cavallari LH*, Lee CR, **Duarte JD**, Nutescu EA, Weitzel KW, Stouffer GA, and Johnson JA. Inpatient Models of Pharmacogenetic Implementation. *American Journal of Health-System Pharmacy*, 2016 Dec 1;73(23):1944-1954.
- Arwood MJ, Chumnumwat S, Cavallari LH, Nutescu EA, **Duarte JD***. Implementing Pharmacogenomics at Your Institution: Establishment and Overcoming Implementation Challenges. *Clinical and Translational Science*, 2016 May 9(5):233-245.

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- Mansour IN, Bress AP, Groo V, Ismail S, Wu G, Patel SR, **Duarte JD**, Kittles RA, Stamos TD, and Cavallari LH*. Circulating Procollagen Type III N-Terminal Peptide and Mortality Risk in African Americans with Heart Failure. *Journal of Cardiac Failure*, 2015; S1071-9164(15)01247-6.
- Arwood MJ, Cavallari LH, **Duarte JD***. Pharmacogenomics of hypertension and heart disease. *Current Hypertension Reports*, 2015; Sep;17(9):586.
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- **Duarte JD***. Epigenetics primer: why the clinician should care about epigenetics. *Pharmacotherapy*, 2013; 33(12): 1362–1368.
- **Duarte JD***, Hanson R, Machado, RF. Current and future pharmacologic treatments of pulmonary hypertension: focus on pharmacogenomics. *Future Cardiology*, 2013; 9(3):335-349.
- Nutescu EA, Drozda K, Bress AP, Galanter WL, Stevenson J, Stamos TD, Desai AA, **Duarte JD**, Gordeuk V, Peace D, Kadkol SS, Dodge C, Saraf S, Garofalo J, Krishnan JA, Garcia JGN, Cavallari LH*. Feasibility of implementing a comprehensive warfarin pharmacogenetics service. *Pharmacotherapy*, 2013;33(11): 1156–1164.
- **Duarte JD**, Turner ST, Tran B, Chapman AB, Bailey KR, Gong Y, Gums JG, Langaee TY, Beitelshes AL, Cooper-Dehoff RM, Boerwinkle E, Johnson JA*. “Association of chromosome 12 locus with antihypertensive response to hydrochlorothiazide may involve differential *YEATS4* expression.” *The Pharmacogenomics Journal*, 2013; 13:257-263.
- McDonough CW, Burbage SE, **Duarte JD**, Gong Y, Langaee TY, Turner ST, Gums JG, Chapman AB, Bailey KR, Beitelshes AL, Boerwinkle E, Pepine CJ, Cooper-DeHoff RM, Johnson JA*. “Association of variants in *NEDD4L* with blood pressure response and adverse cardiovascular outcomes in hypertensive patients treated with thiazide diuretics.” *The Journal of Hypertension*, 2013 Apr;31(4):698-704.
- **Duarte JD***, Zineh I, Burkley B, Gong Y, Langaee TY, Turner ST, Chapman AB, Boerwinkle E, Gums JG, Cooper-DeHoff RM, Beitelshes AL, Bailey KR, Fillingim RB, Kone BC, Johnson JA. “Effects of Genetic Variation in H3K79 Methylation Regulatory Genes on Clinical Blood Pressure and Blood Pressure Response to Hydrochlorothiazide.” *Journal of Translational Medicine*, 2012 Mar 22;10:56.

- **Duarte JD** and Cooper-DeHoff RM*. “A Review of Mechanisms for Blood Pressure-Lowering and Metabolic Effects of Thiazide and Thiazide-Like Diuretics.” *Expert Reviews of Cardiovascular Therapy*, 2010; 8(6):793–802.
- **Duarte JD**, Lobmeyer MT, Wang Z, Chapman AB, Gums JG, Langae TY, Boerwinkle E, Turner ST, Johnson JA*. “Lack of association between polymorphisms in *STK39*, a putative thiazide response gene, and blood pressure response to hydrochlorothiazide.” *Pharmacogenetics and Genomics*, 2010 Aug;20(8):516-9.

EDITORIALS

- Cavallari LH and **Duarte JD**. “Clopidogrel Pharmacogenetics - From Evidence to Implementation.” *Future Cardiology*, 2016 Sep;12(5):511-4.
- Cavallari LH and **Duarte JD**. “Genes affecting warfarin response-interactive or additive?” *The Journal of Clinical Pharmacology*, 2015; 17(9):586.
- Cavallari LH, Nutescu EA, and **Duarte JD**. Personalized medicine in cardiology: the time for genotype-guided therapy is now. *Future Cardiology*, 2013; 9(4):459-64.

BOOK CHAPTERS

- Petry NJ, Roosan MR, Cicali EJ, **Duarte JD**. Implementation: A Guide to Implementing Pharmacogenomics Services. Lam J and Shah S (eds.): *Pharmacogenomics: A Primer for the Clinician*. McGraw-Hill, Chicago, 2021
- Desai AA, **Duarte JD**, Singla S, Machado RF. Genetics of Pulmonary Hypertension. Arnett DK and Shah SJ (eds.): *Cardiovascular Genetics and Genomics in Clinical Practice*, Demos Medical, New York, 2015, pp 219-228.
- **Duarte JD**. A Look to the Future: Cardiovascular Pharmacoeugenetics. Lam F and Cavallari LH (eds.): *Pharmacogenomics: Challenges and Opportunities*, Academic Press, Oxford, 2013, pp 183-187.

INVITED PRESENTATIONS

- “Pathways to Careers in Pharmacy and Pharmaceutical Sciences.” (Presentation) Annual Biomedical Research Conference for Minoritized Scientists, Phoenix, AZ, November 16, 2023.
- “Pharmacogenetic Testing and Consultation for Patients at UF Health” (Presentation) with Norris M and Cicali EJ. UF Division of Cardiology Grand Rounds, Gainesville, FL, August 17, 2023.
- “Cardiovascular Genomics and Pharmacogenomics Across the Translational Spectrum.” Vanderbilt University Medical Center Genomics and Personalized Medicine Seminar Series, Nashville, TN, January 31, 2023.
- “Pharmacogenomics, here it comes: beta-blockers.” (Presentation) American Heart Association Scientific Sessions, Chicago, IL. November 5, 2022.
- “Cardiovascular Pharmacogenetics for Healthcare Providers.” (Presentation and Panel Discussion) with Luzum J. Healthcare Provider Genomics Education Week, National Human Genome Research Institute and American Heart Association. Online. June 7, 2022.
- “Benefits of Clinically Implementing Pharmacogenetics in Underserved Populations.” (Presentation and Panel Discussion) Pharmacogenomics Global Research Network and the Clinical Pharmacogenetics Implementation Consortium Annual Meeting, Denver CO. May 12, 2022.

- “Identifying Medically Underserved Populations Most Likely to Benefit from Pharmacogenomic Testing.” (Symposium) Duarte JD. Pharmacogenomics: From Precision Medicine to Precision Public Health, U.S. Center for Disease Control. October 7, 2021.
- “Strategies for the clinical implementation of preemptive pharmacogenetic testing: A report from the IGNITE Pharmacogenetics Working Group.” (Presentation) Clinical Pharmacogenetics Implementation Consortium Informatics Working Group Meeting. September 23, 2021.
- “Cardiovascular Pharmacogenetics for Healthcare Providers.” (Presentation and Panel Discussion) with Luzum J and Oni-Orisan A. Healthcare Provider Genomics Education Week, National Human Genome Research Institute and American Heart Association. Online. June 8, 2021.
- “Clinical Pharmacogenetics in Medically Underserved Patient Populations.” (Presentation) UF+FSU CTSA Hub External Advisory Committee Meeting. Online. May 20, 2021.
- “Patients with Geographic Barriers to Healthcare Access are Prescribed a Higher Proportion of Drugs with Pharmacogenetic Guidelines Available.” (Presentation) NIH/NHGRI Implementing Genomics in Practice (IGNITE) Network Steering Committee Meeting. Online. April 29, 2021.
- “Treatment Targets for Pulmonary Hypertension Associated with Left Heart Failure.” (Presentation) Center for Drug Evaluation and Research, U.S. Food and Drug Administration. Silver Spring, MD. September 6, 2019.
- “Ambulatory Blood Pressure Monitoring in Hypertension and Drug Response.” (Presentation) Center for Drug Evaluation and Research, U.S. Food and Drug Administration. Silver Spring, MD. September 6, 2019.
- “Genomic and Transcriptomic Predictors of Pulmonary Hypertension Development in HFpEF.” (Presentation) UF Division of Cardiology Research Seminar Series. Gainesville, FL. May 6, 2019.
- “Innovative Curriculum: Clinical Applications of Personalized Medicine.” (Presentation) UF College of Pharmacy Dean's Leadership Conference. Gainesville, FL. Apr 6, 2018.
- “Cardiology Patient Cases, Clinician Perspectives, and Discussion.” (Presentation) University of Florida 2017 Personalized Medicine Conference. Orlando, FL. Mar 8, 2017.
- “Hypersensitivity/Adverse Drug Reactions Patient Cases and Perspectives.” (Presentation) University of Florida 2017 Personalized Medicine Conference. Orlando, FL. Mar 9, 2017.
- “Improving Precision of Drug Therapy: The University of Illinois Personalized Medicine Program.” (Presentation) Association for Molecular Pathology 2015 Annual Meeting, November 5, 2015, Austin, TX.
- “Implementing Pharmacogenomics in Urban Underserved Patients.” (Presentation) NIH/NHGRI Implementing Genomics in Practice (IGNITE) Network Steering Committee Meeting. January 27, 2015, Gainesville, FL.
- “Translational Pharmacogenomics: From Bench to Bedside.” (Presentation) Advocate Illinois Masonic Medical Center Grand Rounds. September 17, 2014, Chicago, IL.
- “Improving Personalized Medicine by Implementation of a Hospital Pharmacogenetics Service.” (Presentation) University of Michigan College of Pharmacy, March 27, 2014, Ann Arbor, MI.
- “Pulmonary Arterial Hypertension: Empowering pharmacists in treating decisions towards improved patient care.” (Presentation) California Society of Health-System Pharmacists Annual Meeting, November 2, 2013, Anaheim, CA.
- “Improving personalized medicine by implementation of a hospital pharmacogenetics service.” (Presentation) Chinese Pharmaceutical Association Hospital Pharmacy Committee Annual Meeting, October 8, 2013, Suzhou, China.
- “Involvement of a Locus at Chromosome 12q15 in Antihypertensive Response to Hydrochlorothiazide.” (Presentation) NIH/NIGMS Pharmacogenomics Research Network – Research in Progress Seminar Series, March 11, 2011.

- “The role of histone H3K79 methylation on patient variability in blood pressure and metabolic responses to hydrochlorothiazide.”(Presentation) University of Florida College of Medicine Nephrology and Hypertension Noon Conference, April 8, 2010.
- “The Role of the AF9/DOT1A/SIRT1/SGK1 Candidate Pathway on Patient Variability in Blood Pressure and Metabolic Responses to HCTZ” (Presentation) University of Florida College of Pharmacy Department of Pharmacotherapy and Translational Research Seminar Series, December 4, 2009.
- “The role of the AF9/DOT1A/SIRT1 pathway on patient variability in blood pressure and cardiometabolic responses to hydrochlorothiazide.”(Presentation) University of Florida College of Medicine Nephrology and Hypertension Noon Conference, February 12, 2009.
- “Hydrochlorothiazide: Variable Blood Pressure Response and Cardiometabolic Adverse Effects.” (Presentation) University of Florida College of Pharmacy Department of Pharmacy Practice Seminar Series, November 7, 2008.

SELECTED ABSTRACT/POSTER PRESENTATIONS

- Huang Y, Dumeny L, Yang G, Lteif C, Arwood MJ, McDonough CW, Desai AA, Cavallari LH, **Duarte JD**. (2021) “Genome-Wide Association Study Identifies Polymorphisms Associated with Heart Failure Mortality in a Diverse Patient Population.” (Poster) American Heart Association Scientific Sessions, November 13-15, 2021, Online.
- Lteif C, Sharma RK, **Duarte JD**. (2021) “Mirabegron Improves Right Ventricular Systolic Pressure in a Pre-clinical Model of Pulmonary Hypertension Due to Left Heart Failure with Preserved Ejection Fraction.” (Poster) American Society for Clinical Pharmacology and Therapeutics Annual Meeting, March 2021, Online.
- Dalton R, Brown JD, **Duarte JD**. (2020) “Geographically and socioeconomically disadvantaged patients use a higher proportion of medications with potentially actionable pharmacogenetic interactions.” (Abstract) American Society for Clinical Pharmacology and Therapeutics Annual Meeting [Meeting Canceled].
Won Presidential Trainee Award
- Vahabi N, Arwood MJ, Cavallari LH, Machado RF, and **Duarte JD**. (2018) “Transcriptome-wide analysis of pulmonary hypertension in heart failure with preserved ejection fraction patients implicates mitochondrial and proliferative pathways.” (Poster) American Heart Association Scientific Sessions, November 10-14, Chicago, IL.
- Arwood MJ, Deng J, Drozda K, Nutescu EA, Schmidt S, **Duarte JD**, Cavallari LH. (2017) “Clinical Implementation of Warfarin Pharmacogenetics in a Real-world Setting: A Proposal for a New Pharmacogenetic Dosing Approach for Diverse Patient Populations.” (Poster) American Society for Clinical Pharmacology and Therapeutics Annual Meeting, March 15-18, Washington DC.
Won Presidential Trainee Award
- **Duarte JD**, Arwood MJ, Liko I, Mansour I, Kansal M, Stamos T, Cavallari LH, and Desai AA. (2016) “Beta-blocker Dose Stratifies Both Mortality Risk and Circulating Procollagen Levels in African-Americans with Heart Failure.” (Poster) American Heart Association Scientific Sessions, November 12-16, New Orleans, LA.
- Nutescu E, **Duarte J**, Cheng W, Sarangpur S, Gor D, Drozda K, Galanter W, Stamos T, Peace D, Garofalo J, Krishnan J, and Cavallari L. (2014) “Novel Genotype Guided Personalized Warfarin Service Improves Outcomes in an Ethnically Diverse Population.” (Poster) American Heart Association Scientific Sessions, November 15-19, Chicago, IL.
- **Duarte JD**, Abbasi T, Patel S, Desai AA, Wade MS, Cavallari LH, Garcia JGN, and Machado RF. (2013) “Variation in inducible nitric oxide synthase (iNOS) is associated with increased severity of

pulmonary hypertension in patients with diastolic dysfunction.” (Poster and Presentation) American Thoracic Society Annual Meeting, May 17-22, Philadelphia, PA.

Selected for oral poster presentation

- Desai AA, Kansal M, Abbasi T, Warda A, **Duarte JD**, Garcia JGN, Machado RF. (2013) “Subclinical Right Ventricular Dysfunction In Patients With Pulmonary Hypertension Associated With Sickle Cell Disease.” (Poster) American Thoracic Society Annual Meeting, May 17-22, Philadelphia, PA.
- **Duarte JD**, Welder GJ, Schofield RS, Johnson JA, Zineh I. (2010) “Sirtuin-1 Gene Expression Correlates with Systemic Cytokine Concentrations in Atorvastatin-Treated Healthy Subjects.” (Poster) American Society for Clinical Pharmacology and Therapeutics Annual Meeting, March 17-20, Atlanta, GA.
- **Duarte JD**, Tran B, Langae TY, Chapman AB, Gums JG, Boerwinkle E, Turner ST, Johnson JA. (2010) “*YEATS4* Gene Region Polymorphisms Associate with Antihypertensive Response to Hydrochlorothiazide in African Americans.” (Poster) American Society for Clinical Pharmacology and Therapeutics Annual Meeting, March 17-20, Atlanta, GA.
- **Duarte JD**, Johnson JA, Kone BC, Zineh I. (2009) “Hydrochlorothiazide modulates cardiometabolic gene expression in human endothelial cells.” (Poster) American Society for Clinical Pharmacology and Therapeutics Annual Meeting, April 18-22, Orlando, FL.
- **Duarte JD**, Johnson JA, Kone BC, Zineh I. (2008) “The Effect of Hydrochlorothiazide on Endothelial Expression of Sirtuin-1, a Diabetes-Associated Gene.” (Poster) American College of Clinical Pharmacy Annual Meeting, October 19-22, Louisville, KY.
- **Duarte, JD**, Welder GJ, and Zineh, I. (2008) “Leukocyte expression of atherosclerosis-related genes in response to atorvastatin differs by *CYP3A5* genotype.” (Poster) American Society for Clinical Pharmacology and Therapeutics Annual Meeting, April 2-5, Orlando, FL.