

## CURRICULUM VITAE

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Lipoprotein Metabolism Laboratory  
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### Education

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| 1977-1981 | -- | B.S., Biochemistry and Chemistry<br>University of Pittsburgh, Pittsburgh, PA       |
| 1981-1985 | -- | Ph.D., Biochemistry<br>University of Pittsburgh School of Medicine, Pittsburgh, PA |
| 1981-1987 | -- | M.D., University of Pittsburgh School of Medicine, Pittsburgh, PA                  |

### Postgraduate Training

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| 1987-1990 | -- | Resident in Clinical Pathology, Division of Laboratory Medicine,<br>Department of Pathology and Laboratory Medicine,<br>University of Pennsylvania School of Medicine, Philadelphia, PA |
| 1990-1993 | -- | Medical Staff Fellow, Public Health Service, National Institutes of<br>Health, National Heart, Lung and Blood Institute, Molecular Disease<br>Branch, Bethesda, MD                      |
| 1993-1995 |    | Senior Staff Fellow, Public Health Service, National Institutes of<br>Health, National Heart, Lung and Blood Institute, Molecular Disease<br>Branch, Bethesda, MD                       |

### Academic Positions

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| 2018-present | -- | Adjunct Professor, George Mason Univ., <b>Dept. Biotechnology</b> , Manassas, VA |
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2013-present	--	Senior Investigator, Section Chief, Lipoprotein Metabolism Section, Cardiopulmonary Branch, NHLBI, National Institutes of Health, Bethesda, MD
2008-2013	--	Investigator, Section Chief, Lipoprotein Metabolism Section, Cardiopulmonary Branch, NHLBI, National Institutes of Health, Bethesda, MD
2011-present	--	Senior Staff/Public Health Service, Department of Laboratory Medicine, Director of Special Chemistry Laboratory, Clinical Center, National Institutes of Health, Bethesda, MD
1997-2014	--	Senior Staff/Public Health Service, Department of Laboratory Medicine, Director of Immunoassay Laboratory, Clinical Center, National Institutes of Health, Bethesda, MD
2009-2011	--	Senior Staff/Public Health Service, Department of Laboratory Medicine, Director of Mass Spec/HPLC Laboratory, Clinical Center, National Institutes of Health, Bethesda, MD
2001-2006	--	Senior Staff/Public Health Service, Department of Laboratory Medicine, Director of HIV Viral Load Laboratory, Clinical Center, National Institutes of Health, Bethesda, MD
1995-1997	--	Senior Staff/Public Health Service, Department of Laboratory Medicine, Director of General Chemistry Laboratory, Clinical Center, National Institutes of Health, Bethesda, MD

## Research Training Experience

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1980-1981	--	Undergraduate Research: Department of Biochemistry, University of Pittsburgh, Subject: Biochemistry of secondary metabolism of <i>Penicillium brevicompactum</i> . Mentor: Dr. Ian M. Campbell
1983-1985	--	Doctoral Research: Department of Biochemistry, University of Pittsburgh School of Medicine, Subject: Purification and characterization of membrane-bound acid phosphatase of <i>Leishmania donovani</i> and its interaction with host defense mechanisms. Mentor: Dr. Robert H. Glew
1989-1990	--	Post Doctoral Research: Department of Pathology and Laboratory Medicine, University of Pennsylvania School of Medicine, Subject: Molecular biology and cell biology of the glycosylation of rabies virus glycoprotein and glycoporphin. Mentor: Dr. Steven L. Spitalnik
1990-1995	--	NIH Research Fellowship/ Public Health Service: National Institutes of Health, National Heart, Lung, and Blood Institute, Molecular Disease Branch, Subject: 1) Cholesterol-regulated gene expression, 2) Apolipoprotein biosynthesis and secretion. Mentor: Dr. H. Bryan Brewer.

## Teaching Experience

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1981	--	Teaching Assistant, Algebra, Trigonometry and Geometry, Department of Mathematics, University of Pittsburgh
1987	--	Assistant Instructor, Pathology-100, Department of Pathology and Laboratory Medicine, University of Pennsylvania School of Medicine
1988-1990	--	Assistant Instructor, Pathology-300, Department of Pathology and Laboratory Medicine, University of Pennsylvania School of Medicine
1998	--	FAES Instructor, Clinical Chemistry course, National Institutes of Health, Bethesda, MD
2002-2005	--	Guest Lecturer in Biochemistry, USUHS Medical School, Bethesda, MD

## Professional Licensure and Boards

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1987	--	National Board of Medical Examiners
1988	--	Medical License, Pennsylvania
1992	--	American Board of Pathology, Clinical Pathology

## Awards and Honors

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2020	--	Orloff Science Award, NHLBI, NIH
2018	--	ATVB Journal Reviewer Award, ATVB
2017	--	ATVB Journal Reviewer Award, ATVB
2017	--	Learning Environment Award, NHLBI, NIH
2016	--	NHLBI Director's Award, AHA
2015	--	ATVB Special Recognition Award, AHA
2013	--	NIH Director's Award, NIH
2013	--	ATVB Journal Reviewer Award, ATVB
2012	--	Cooper Award, Lipoprotein and Vascular Disease Division, AACC
2012	--	Orloff Science Award, (co-recipient for Parkin Function), NHLBI, NIH
2012	--	Orloff Science Award, (co-recipient for Peptide-Asthma), NHLBI, NIH
2009	--	FDA Leveraging/Collaboration Award, FDA
2008	--	Merit Award, National Human Genome Research Institute, NIH
2007	--	Outstanding Unit Citation Award, Public Health Service
2007	--	Clinical Center Director's Patient Care Award, Clinical Center, NIH
2007	--	Advisory Committee Service Award, FDA
2007	--	Best Article Award, Lipoprotein and Vascular Disease Newsletter, AACC
2006	--	Crisis Response Service Award, Public Health Service
2006	--	Past-Chair Award, Capital Section, AACC
2005	--	Citation Award, Public Health Service
2005	--	Clinical Center Director's Science Award, Clinical Center, NIH
2004	--	Past-Chair Lipoprotein and Vascular Disease Division Award, AACC
2003	--	Promoted to Captain, US Public Health Service
2001	--	Commendation Medal, Public Health Service
2001	--	Zak Award for Lipoprotein Research, Amer. Assoc. Clin. Chem.
2000	--	Commendation Medal, Public Health Service
1998	--	Bicentennial Unit Commendation Medal, Public Health Service
1996	--	Arteriosclerosis fellow in American Heart Association
1995	--	Young Investigator Award, American Assoc. Clinical Chemistry
1995	--	Lipoprotein Research Poster Award, Amer. Assoc. Clinical Chemistry

1994	--	Promoted to Commander, US Public Health Service
1993	--	Young Investigator Award, Acad. Clin. Lab. Physicians and Scientists
1992	--	Diplomate, American Board of Pathology (Clinical Pathology)
1991	--	Promoted to Lieutenant Commander, US Public Health Service
1990	--	Commissioned as Lieutenant, US Public Health Service
1989	--	Postdoctoral Fellowship Award, NIH (CA09140-15)
1988	--	Diplomate, National Board of Medical Examiners
1987	--	Brinton Prize for Academic Performance, Univ. Pitt. Medical School
1986	--	University Scholar Award, University of Pittsburgh
1986	--	Eli Goldstein Award for Academic Performance, Univ. Pitt Medical School
1986	--	AOA Honorary Society, University of Pittsburgh School of Medicine
1985	--	Culpeper Foundation Fellow Research Award
1983	--	Dean's Scholarship Award of the University of Pittsburgh
1981	--	Sigma Chi Scientific Junior Honorary Society
1981	--	Graduated with B.S. <i>Summa Cum Laude</i> , University of Pittsburgh
1981	--	University Scholar Award, University of Pittsburgh
1980	--	University Scholar Award, University of Pittsburgh
1978	--	Phi Eta Sigma Honorary Society, University of Pittsburgh
1978	--	Tri Beta Biological Honorary Award, University of Pittsburgh
1977	--	Westinghouse Science Scholarship Honors Group Award

## Current and Past Boards and Other Positions

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2017-present	--	Board of Directors, National Lipid Association
2016	--	Co-Chair, NIH-CC/FDA-CDER Task Force for Clinical Trials
2016	--	Co-Chair, Gordon Conference-Lipoprotein meeting in 2018
2015	--	ATVB Leadership Committee Council, AHA
2015	--	Ad Hoc Reviewer, Atherosclerosis and Inflammation of the Cardiovascular System Study Section, NHLBI, NIH
2010-present	--	Proteomic Core User Committee member, NHLBI, NIH
2014	--	Trans-NIH Earl Stadtman Fellow Selection Committee, NIH
2014	--	Chair, SouthEast Lipid Research Conference, Atlanta, GA
2013-2015	--	Laboratory Medicine Best Practices Expert Panel for Cardiovascular Biomarkers, Center of Analytics and Public Health, CDC, Atlanta, GA
2013	--	Vice-Chair, SouthEast Lipid Research Conference, Atlanta, GA
2013	--	Scientific Advisory Board Member, Global Genomics Group Study, Health Diagnostic Laboratory, Richmond, VA
2013-2016	--	Clinical Investigators Working Group, NHLBI, NIH
2013	--	Co-Chair, HDL Satellite meeting for ATVB, AHA
2012-2013	--	Chair, American Heart Association Grant Committee-Clinical Study Section
2012-present	--	Committee Member, NIH-CC/FDA-CDER Task Force for Clinical Trials
2012-present	--	Committee Member on Proficiency Testing for clinical laboratories, Clinical and Laboratory Standards Institute (CLSI), Wayne, PA
2012	--	Co-Chair, HDL Satellite meeting for ATVB, AHA
2011	--	Ad Hoc Reviewer, Atherosclerosis and Inflammation of the Cardiovascular System Study Section, NHLBI, NIH
2011-present	--	Advisory Board Member for Clinical Chemistry and Clinical Toxicology Device Panel, FDA
2011	--	Committee Member for Cardiovascular Risk Marker Panel National Lipid Association
2011-2012	--	Chair, General Chemistry Proficiency Testing Committee, College of American Pathologists

2010-2015	--	Animal Imaging Core Committee, NHLBI, NIH
2010-2012	--	Chair, Laboratory of Animal Medicine and Surgery Users Committee, NHLBI, NIH
2009-2011	--	Vice-Chair, AHA National Level Grant Review Committee
2008-2011	--	Advisory Board Member for Proficiency Testing (General Chemistry Committee), College of American Pathologist
2008-present	--	Committee Member of Technology Evaluation Advisory Committee, NHLBI, NIH.
2007-2011	--	Cardiovascular Biomarker Standardization Steering Committee, CDC
2006	--	Cardiovascular Biomarker Committee, NHLBI
2006-2008	--	Loan Repayment Committee Review member, National Inst. of Health
2006-2007	--	Chair of Capital Section Division, AACC
2005-2007	--	Advisory Board Member for Proficiency Testing (Special Chemistry Committee), College of American Pathologists
2004	--	Promotion Board, <i>US Public Health Service</i>
2002-present	--	Advisory Board Member for Clinical Chemistry and Clinical Toxicology Device Panel, Food and Drug Administration
2004-2005	--	Practice Guideline Committee Member for PTH Testing for Parathyroid Cancer, National Academy of Clinical Biochemistry
2004-2005	--	Member of National Forum for Heart Disease and Stroke Prevention, Centers for Disease Control and Prevention
2004-2005	--	Practice Guideline Committee Member for Intraoperative PTH Testing, National Academy of Clinical Biochemistry
2002-2003	--	Chair of the Lipoprotein and Vascular Disease Division, AACC
2001-2003	--	Institutional Review Board Member, National Institute of Child Health and Development, NIH
2001-2003	--	Continuing Medical Education Committee Member, AACC
1999-2003	--	Grant Review Committee Member (Mid-Atlantic Region), American Heart Association

## Editorial Board Positions

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2018-present	--	Editorial, Journal of Applied and Laboratory Medicine
2015-present	--	Associate Editor, Journal of Clinical Lipidology
2014	--	Editorial Board, Journal Geriatric Cardiology
2013	--	Editorial Board, Cardiovascular Pharmacology
2012-present	--	Editorial Board, Arteriosclerosis, Thrombosis, and Vascular Biology
2011-present	--	Editorial Board, Journal of Lipid Research
2010	--	Editorial Board, Journal of Immunology, Endocrinology & Metabolic Agents in Medicinal Chemistry
2009-	--	Editorial Board, Journal of Pediatric Biochemistry
2008	--	Editorial Board Member, <i>Open Atherosclerosis and Thrombosis Journal</i>
2008-2010	--	Section Editor, <i>Clinical Chemistry</i> journal
2005-2008	--	Editorial Board Member, <i>Clinical Laboratory News</i> , AACC
2005-present	--	Editorial Board Member, <i>Atherosclerosis</i>
2005-2012	--	Editorial Board, <i>Lipoprotein and Vascular Biology Newsletter</i> , AACC
2004-present	--	Editorial Board, <i>Clinical Chemistry</i> journal

## Professional Societies

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1987-present	--	American Association of Clinical Chemistry (AACC)
1990-1995	--	Mid-Atlantic Lipid Club Society
2004-2012	--	College of American Pathologists
2007-present	--	American Heart Association
2007-present	--	National Lipid Association

## Trainees

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### *Post-doctoral Fellows (NHLBI)*

2018-Present	--	Alex Sorokin, MD, Post-doctoral fellow, NHLBI
2015-Present	--	Anna Wolska, PhD, Post-doctoral fellow, NHLBI
2012-2017	--	Scott Gordon, PhD, Post-doctoral fellow, NHLBI (Post-employment position: Asst. Prof. Kentucky Univ.)
2012-2013	--	Lusana Ahsan, MD, Medical Research Scholars Program, NHLBI (Post-employment position: Medical student, NYU)
2008-2012	--	Kasey Vickers, PhD, Post-doctoral fellow, NHLBI (Post-employment position: Asst. Prof. Vanderbilt Univ.)
2011-Present	--	Seth Thacker, PhD, Post-doctoral fellow, NHLBI (Post-employment position: Post-doctoral Fellow, FDA)
2009-2011	--	Denis Sviridov, MD, PhD Post-doctoral fellow, NHLB (Post-employment position: Staff Scientist, NIH)
2007-2011	--	Yoshitaka Sekine, MD, Post-doctoral fellow, NHLB (Post-employment position: Asst. Prof. Gunma Univ., Japan)
2007-2011	--	Xavier Rousset, PhD, Post-doctoral fellow, NHLB (Post-employment position Post-doctoral fellow, Univ. J. Fourier)
2006-2010	--	Amar Sethi, MD, PhD, Post-doctoral fellow, NHLBI (Post-employment position: Chief Scientific Officer Pacific Biomarkers)

### *Graduate Students (NHLBI)*

2016-2018	--	Kia Kanoush, PhD student-NHLBI-George Mason Univ.
2018-2020	--	Rafique Islam, PhD student-NHLBI-George Mason Univ.

### *Post-Baccalaureate Students (NHLBI)*

2018-present	--	Sierra Wilson, Pre-Irta student, NHLBI
2013-2015	--	Abdul Zarzour, Pre-Irta student, NHLBI (Post-employment position: Medical residency, Univ. of Georgia)
2013-2015	--	Georgina Kemeh, Pre-Irta BRPTG student, NHLBI (Post-employment position: Research Technologists, Biorad)
2010-2012	--	Imoh Ikpot, Pre-Irta BRPTG student, NHLBI (Post-employment position: Medical student, Cooper Univ.)
2010-2012	--	David Osei, Pre-Irta BRPTG student, NHLBI (Post-employment position: MD, PhD student, Univ. Pittsburgh)
2010-2011	--	Bassem Shoucri, Pre-Irta student, NHLBI (Post-employment position: MD, PhD student, UC Davis)
2009-2010	--	Brian Palmisano, Pre-Irta student, NHLBI

2008-2010	--	(Post-employment position: MD, PhD student, Vanderbilt Univ.) Mona Ghias, Pre-Irta student, NHLBI
2008-2010	--	(Post-employment position: Medical student, St. Georges Univ.) Alonzo Jalan, Pre-Irta BRPTG student, NHLBI (Post-employment position: Medical student, Howard Univ.)

### *Clinical Chemistry Fellows (Clinical Center)*

2015-2016	--	Qian Sun, MD, Clinical Chemistry fellow, CC (Post-employment position: Medical Officer, Henry Ford Hospital, MI)
2015-2016	--	Clarence Ling, PhD, Clinical Chemistry fellow, CC (Post-employment position: Medical Officer, FDA)
2015-2016	--	Kerry Welsh, MD, Clinical Chemistry fellow, CC (Post-employment position: Medical Officer, FDA)
2014-2016	--	Likhona Masika, MD, Clinical Chemistry fellow, CC (Post-employment position: Staff Pathologist, South Africa)
2012-2014	--	Verena Gourden, MD, Clinical Chemistry fellow, CC (Post-employment position: Assistant Professor, Univ. of Durban)
2011-2012	--	Marcelo Oliviera, MD, Clinical Chemistry fellow, CC (Post-employment position: Medical Health Consult., San Paola, Brazil)
2010-2011	--	Amar Sethi, MD, PhD, Clinical Chemistry fellow, CC (Post-employment position: Chief Scientific Officer Pacific Biomarkers)
2009-2010	--	Manuel Van Deventer, MD, Clinical Chemistry fellow, CC (Post-employment position: Staff Pathologist, Lancelot Lab)
2006-2009	--	Denis Sviridov, MD PhD, Clinical Chemistry fellow, CC (Post-employment position: Staff scientist NIH)
2004-2006	--	Raffick Bowen, PhD, Clinical Chemistry fellow, CC (Post-employment position: Asst. Professor, Stanford Univ.)
2002-2004	--	Joseph Wood, MD, Clinical Chemistry fellow, CC
2001-2002	--	Min Xu, MD, PhD, Clinical Chemistry fellow, CC (Post-employment position: Asst. Professor, Washington Univ.)
2000-2001	--	Jaclyn Hu, MD, PhD, Clinical Chemistry fellow, CC (Post-employment position: Staff Pathologist, WAMC, Fort Bragg)
1999-2000	--	Jayasimha Murthy, PhD, Clinical Chemistry fellow, CC (Post-employment position: Asst. Prof., Brown Alpert Medical School)
1999-2000	--	Ilka Warshavsky, MD PhD, Clinical Chemistry fellow, CC (Post-employment position: Staff Pathologist, Blood Center of Wisc.)
1997-1998	--	Yanyun Wu, MD, PhD, Clinical Chemistry fellow, CC (Post-employment position: Asst. Professor, Yale Univ.)
1995-1996	--	Elena Hristova, MD, Clinical Chemistry fellow, CC

### **Invited Lectures**

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1. "ApoA-I Mimetic Peptides for Cholesterol Efflux by ABCA1" Solvo Biotechnology Transporter Conference, San Francisco, CA, April 2015
2. "HDL Structure and Function" UCSF, San Francisco, CA, April 2015

3. "ApoC-II Mimetic Peptides for Lowering Triglycerides" Peptide Drug Design & Delivery Summit, San Francisco, CA, April 2015
4. "Recombinant LCAT for Treatment of Familial LCAT Deficiency" American Society of Nephrology Meeting, Chicago, Ill. Nov. 2016
5. "ApoA-I Mimetic Peptides for Drug Delivery" Lipids-Nanotechnology Meeting, Tours, France, Sept. 2016,
6. "Diagnosis and Treatment of Hypertriglyceridemia" EFLM Meeting, Warsaw, Poland, Sept. 2016
7. "Recombinant LCAT for Treatment of Familial LCAT Deficiency" Chinese Heart Congress, Beijing, China, Aug. 2016
8. "Development of LCAT into a Therapy for Cardiovascular Disease" Univ. of Milan, Milan, Italy, Jun 2015
9. "Use of NMR for Lipoprotein Analysis and Cardiovascular Disease Risk Determination" EFLM/IFCC meeting, Paris, France, Jun 2015
10. "LCAT: Bench to Bedside" Univ. of Washington, Seattle Wash, Jun 2015
11. "Development of LCAT into a Therapy for Cardiovascular Disease" Univ. of Maryland, MD, April 2015
12. "Development of LCAT into a Therapy for Cardiovascular Disease" Vanderbilt Univ., Nashville, TN, April 2015
13. "Alternative CVD Biomarkers for LDL-C" European Atherosclerosis Biomarker Guideline Committee meeting, Glasgow, England, March 2014
14. "Measurement of High Density Lipoproteins" American Heart Association annual meeting, Chicago, IL, Nov 2014
15. "Development of LCAT into a Therapy for Cardiovascular Disease" Univ. of Kentucky, Lexington, KY, Oct 2014
16. "LCAT: Relationship to CVD and new therapies" Gordon Conference, Waterville, NH, Jun 2015
17. "High Density Lipoproteins: Update on Diagnostics and Therapeutics" American Society of Hypertension annual meeting, New York, NY, May 2014
18. "Apolipoprotein Mimetic Peptides" PEGS Annual meeting, Boston, MA, May 2014
19. "Development of LCAT into a Therapy for Cardiovascular Disease" Royal Hobart Hospital Cardiovascular Symposium, Hobart, Australia, July 2014
20. "Tangier Disease and other low HDL syndromes" Royal Hobart Hospital Cardiovascular Symposium, Hobart, Australia, July 2014
21. "LCAT and Cardiovascular Disease" International Atherosclerosis Society HDL meeting, Milan, Italy, March 2014
22. "Expanded Access/Single Patient IND for LCAT Therapy" NIH-FDA/CDER Joint Task Force Conference, Bethesda, MD, Dec 2013



23. "Biology of LCAT and its Development into a Novel Therapy for Cardiovascular Disease" SouthEast Research Lipid Conference Atlanta, GA, Sept 2013
24. "Development of novel therapies for increasing reverse cholesterol transport" USUHS Translational Medicine Seminar, Bethesda, MD, Nov 2013
25. "Role of miRNAs in cholesterol biosynthesis". SLOS Research Symposium, Pittsburgh, PA, June 2013
26. "Translating new findings HDL metabolism into novel therapies for cardiovascular disease" Dept. of Regenerative Medicine and Cell Biology, Medical Univ. of South Carolina, Charleston, SC, May 2013
27. "Translating new findings HDL metabolism into novel therapies for cardiovascular disease" Dept. of Pathology, Univ. of Minn., Minneapolis, MN, May 2013
28. "Development of recombinant LCAT: Phase I clinical trial results" ATVB meeting, Orlando, FL, April 2013
29. "Development of novel drugs for enhancing the Reverse Cholesterol Transport pathway" Dept. Pathology, Columbia Univ, New York, NY, Dec. 2012
30. "MiRNAs and Cardiovascular Disease" European Lipid Club Meeting, Munich, Germany, Sep. 2012
31. "ApoA-I Mimetic Peptides" Lovelace Respiratory Institute, Albuquerque, NM, Oct. 2012
32. "Lipids and Lipoprotein as Cardiovascular Biomarkers" American Association of Clinical Chemistry Meeting, Los Angeles, CA, July 2012
33. "Lipids and Lipoprotein Test Standardization" US-Japanese Standardization AACC Meeting, Los Angeles, CA, July 2012
34. "Genetic Dyslipidemias: Diagnosis and Treatment" American Association of Clinical Chemistry Meeting, Los Angeles, CA, July 2012
35. "HDL Biology and New Therapies" American Association of Clinical Chemistry/Lipoprotein Vascular Disease Meeting, Los Angeles, CA, July 2012
36. "ApoA-I Mimetic Peptides: Mechanism of Action" International Atherosclerosis Society Meeting, Sydney, Australia, Mar. 2012
37. "Recombinant LCAT as a Possible New Therapy for Cardiovascular Disease" International Atherosclerosis Society Satellite Meeting on New Therapies, Melbourne, Australia, Mar. 2012
38. "LCAT and SR-BI and the Effect of Free Cholesterol on Hematopoiesis and Atherosclerosis as a Possible New Therapy for Cardiovascular Disease" International Atherosclerosis Society Satellite Meeting on HDL Biology, Cannes, Australia, Mar. 2012
39. "MicroRNAs that Modulate Lipid Metabolism" Deuel Confernece, Palm Springs, CA, Mar. 2012
40. "New HDL Based Therapies for Cardiovascular Disease" Univ. of North Texas, Fort Worth, TX, Dec. 2011.
41. "Recombinant LCAT: Potential New Therapy for Cardiovascular Disease" Annual American Heart Association Meeting, Orland, Florida, Nov. 2011.

42. "New HDL Based Therapies for Cardiovascular Disease" Univ. of Alabama Cardiovascular Disease Meeting, Birmingham, Alabama, Sept. 2011.
43. "Multiple "Omic" Approach for Understanding Fatty Liver Disease" South Africa Clinical Chemistry Meeting, Johannesburg, South Africa, Aug. 2011.
44. " Biology of HDL and Cardiovascular Disease" Dept. Pathology, Dept. Univ Kwazulunatal, Durban, South Africa, Aug. 2011.
45. "Standardization of Lipid and Lipoprotein Testing" Japanese Atherosclerosis Society, Tokyo, Japan, Aug. 2011.
46. "Update on Cardiovascular Biomarkers". Amer. Assoc. Clinical Chemistry Annual meeting, Atlanta GA, July 2011
47. "LCAT and Hepatic Lipase: Anti and Pro-atherogenic Roles" 2nd HDL Summit Meeting, New York, NY, May. 2011.
48. "Structure Function Studies of Novel ApoA-I Mimetic Peptides" ATVB HDL Workshop, Chicago, ILL April 2011.
49. "Use of Lp(a) as a Cardiovascular Biomarker" National Lipid Association Biomarker meeting, Miami, Florida, Jan 2011.
50. "High Density Lipoproteins: Update from diagnostics to therapeutics" 37<sup>th</sup> Association of Clinical Biochemists of India, Mumbai, India, Dec 2010.
51. "Structure Function Studies of Apolipoprotein Mimetic Peptides" Sixth International Atherosclerosis HDL meeting, Vancouver, Canada, May 2010.
52. "Direct HDL-C Testing and Standardization" 1<sup>st</sup> HDL Summit Meeting, New York, NY, Jan. 2010.
53. "Evaluation of direct HDL-C and LDL-C Assays" Japanese Atherosclerosis Society, Shimonoseki, Japan, July 2009.
54. "5A bihelical peptide: Structure Function Studies" ATVB HDL workshop, Washington DC, April 2009.
55. "Diagnostic and therapeutic update of HDL" Univ. of Minnesota, Minneapolis, MN, January 2008.
56. "Translational Medicine in Lipoprotein Research" APEC conference, Taiwan, July 2008
57. "Design of ApoA-I mimetic peptides and their therapeutic effect" Merck Co., West Lake, NJ, January 2008.
58. "Update on HDL: From diagnostics to therapeutics". Amer. Assoc. Clinical Chemistry Annual meeting, San Diego CA, July 2007
59. "Development of rapid intraoperative endocrine assays for the surgical management of patients with endocrine tumors". Robert Wood Johnson Medical School, New Brunswick NJ, May 2007
60. "ApoA-I mimetic peptides and their effect on atherosclerosis". DALM Conference, New York NY, October 2007

61. "From Tangier disease to super HDL: A 40 year journey. Univ. of Alberta, Alberta Canada, March 2007
62. "LCAT deficiency: A link between atherosclerosis and renal disease" Royal Hobart Hospital, Hobart, Australia, Oct. 2006
63. "From Tangier disease to super HDL: A 40 year journey". Baker Heart Institute, Melbourne Australia, Oct. 2006
64. "HDL-C test standardization: Homogenous assays are they a step forward?" Joint meeting of Japanese and American Lipoprotein Standardization meeting. Chicago, IL, July 2006
65. "ABCA1 transporter and Tangier disease" Yale Univ. New Haven, CT, March 2006
66. "Structural motifs on apoA-I mimetic peptide for cholesterol efflux" International Atherosclerosis Society Meeting, Rome, Italy, June 2006
67. "Effect of apoA-I mimetic peptides on atherosclerosis in mice" International Atherosclerosis Society Satellite Meeting, Parma, Italy, June 2006
68. "From Tangier disease to super HDL: A 40 year journey" Pathology Grand Rounds, Johns Hopkins Medical School, Baltimore, MD, Dec. 2006
69. "HDL: Update from diagnostics to therapeutics" Joint AACC and Amer. Soc. Clin Lab Science meeting. Honolulu, HI, May 2006
70. "Tangier disease and HDL metabolism" Ohio State Univ. Feb. 2006
71. "Intraoperative testing of PTH and other endocrine hormones" Amer. Society of Clinical Pathology, Seattle, Sept. 2005
72. "Interaction of apolipoproteins with the ABCA1 transporter" 5<sup>th</sup> Annual HDL-Metabolic Pathway and Drug Target meeting, Boston, Ma., Mar. 2004
73. "ABCA1 transporters and reverse cholesterol transport" NIH-Demystifying Medicine Seminar, Bethesda, MD, Apr. 2003
74. "ABC transporters and cholesterol metabolism" Molecular Pathology Seminar series, Johns Hopkins Medical School, Baltimore, MD, Apr. 2003
75. "Multi-dimensional ROC plots for assessing misclassification costs" International Federation of Clinical Chemistry, Kyoto, Japan, Oct. 2002
76. "HDL and atherosclerosis" Lipoproteins and Vascular Disease Seminar, AACC meeting, Orlando, FL, July 2002
77. "The use of ROC curves in medical decision making" Biomedical Computing Interest Group, NIH, Bethesda, MD. June 2002
78. "ABC transporters and reverse cholesterol transport: New insights from Tangier disease" Univ. Pittsburgh Medical School. Sept. 2002

79. "ABC transporters and reverse cholesterol transport: New insights from Tangier disease" Keynote speaker 4<sup>th</sup> Annual Leonard Jarret Honorary research symposium. Univ. Pennsylvania Medical School. June. 2002
80. "Apolipoprotein substrate specificity of the ABCA1 transporter" South East Lipid Meeting, Atlanta, GA, Oct. 2001
81. "Interaction of apoA-I mimetic peptides with the ABCA1 transporter" Rockefeller Univ., March 2001.
82. "ABCA1 Transporter: Role in HDL mediated Cholesterol efflux and Tangier disease" NIH-Clinical Center Grand Rounds, Bethesda, MD, Apr. 2001
83. "Molecular Defects in the ABCA1 transporter leads to defective intracellular lipid trafficking in Tangier disease" NIH Research Festival symposium. Bethesda, MD. Oct. 2000
84. "Intraoperative immunoassay testing for endocrine tumors" NIH-Clinical Center Grand Rounds, Bethesda, MD, Oct. 1999
85. "Use of neural networks for quality control" Diagnostic Products Company seminar at Amer. Assoc Clinical Chemistry meeting, New Orleans, July 1998
86. "Rapid assays for the intraoperative measurement of hormones" Nichols Institute, San Juan Capistrano, CA, Sept. 1998
87. "Differential hepatic gene expression in cholesterol fed rabbits". Mass General Hospital, Dept. Pathology, Nov. 1994
88. "Identification of cholesterol regulated genes from PCR subtraction libraries." Dept. Pathology, Univ Alabama, Sept. 1994
89. "Differential hepatic gene expression in cholesterol fed rabbits". Baylor Univ, Dept. Pathology, Nov. 1994
90. "Identification of cholesterol regulated genes from PCR subtraction libraries." Univ. Chicago, Dept. Pathology, Dec. 1994

## Publications

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### Citation Indices (as of April 24, 2017)

Total citations: 10782

Mean citations per paper: 25.8

Citations in 2016: 1397

H-index: 53

### Peer Reviewed

1. Bartman CD, Doerfler DL, Bird BA, **Remaley AT**, Peace JN, Campbell IM. Mycophenolic acid production by *Penicillium brevicompactum* on solid media. *Appl Env Microbiol.* 1981;41:729-36.

2. Bird BA, **Remaley AT**, Campbell IM: Brevianamides A and B are formed only after Conidiation has begun in Solid Cultures of *Penicillium brevicompactum*. Appl. Env. Microbiol. 1981;42:521-525.
3. Campbell, IM, Doerfler DL, Bird, BA, **Remaley AT**, Rosato LM, Davis BN. Secondary Metabolism and Colony Development in Solid cultures of *Penicillium brevicompactum* and *Penicillium patulum*. FEMS Symp. 1983;13:141-151.
4. **Remaley AT**, Kuhns DB, Basford RE, Glew RH, Kaplan S. Leishmanial Phosphatase Blocks Neutrophil Superoxide Anion Production. J. Biol. Chem., 259:11173-11175, 1984.
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### **Book Chapters**



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