

**CURRICULUM VITAE
JULIA BREYER LEWIS, MD**

Business Address:	Division of Nephrology S-3223 MCN Nashville, TN 37232-2372	Birth date:	October 20, 1954
		Birthplace:	Chicago, Illinois
Home Address:	2011 Otter Creek Nashville, TN 37215	Spouse:	Edmund J. Lewis, MD
		Children:	Amy Megan
Telephone:	(615) 343-6105 (Office) (615) 343-7156 (Fax) (615) 665-0866 (Home)	E-Mail:	julia.lewis@vanderbilt.edu

EDUCATION

9/72 - 5/76 University of Illinois, B.S., Graduated in Academic Book of Honors. GPA 4.0
8/76 - 6/80 University of Illinois, M.D.
7/02 – 7/03 Executive Leadership in Academic Medicine (ELAM)

POSTGRADUATE TRAINING

7/80 - 6/83 Internship and Residency, Michael Reese Hospital, Chicago, Illinois
Jordan J. Cohen, M.D., Chairman
7/83 - 12/85 Nephrology Postdoctoral Fellowship, The University of Texas Health Science Center at
Dallas, Texas, Juha P. Kokko, M.D., Ph.D., Chief of Nephrology
12/85 - 7/86 Nephrology Postdoctoral Fellowship, Vanderbilt University Medical Center
Nashville, Tennessee, Harry R. Jacobson, M.D., Chief of Nephrology

LICENSURE AND CERTIFICATION

Illinois Medical License (036063284) active
Indiana Medical License (37156) inactive
Texas Medical License (G6175) inactive
Tennessee Medical License (MD-16829) active
Kentucky Medical License (34686) active
American Board of Internal Medicine (1983)
American Board of Nephrology (1986)

ACADEMIC APPOINTMENTS

5/00-Present Professor of Medicine, Vanderbilt University School of Medicine, Nashville, TN
Department of Medicine: Nancy Brown, M.D.; Division of Nephrology: Raymond C.
Harris, M.D.
3/95 – 5/00 Associate Professor of Medicine, Vanderbilt University School of Medicine, Nashville, TN
Department of Medicine: Eric Neilson, M.D.; Division of Nephrology: Steven C Hebert, M.D.
7/86 - 3/95 Assistant Professor of Medicine, Vanderbilt University School of Medicine, Nashville, TN
Department of Medicine: John Oates, M.D.; Division of Nephrology: Harry R. Jacobson, M.D.,
Research Laboratory Supervisor: Stanley Cohen, PhD (1986 Nobel Laureate)

PROFESSIONAL SOCIETIES/COMMITTEES

American College of Physicians – Current
International Society of Nephrology - Current
National Kidney Foundation – Current
American Society for Clinical Pharmacology and Therapeutics – 1994-1996
Medical Science Review Committee, Juvenile Diabetes Foundation International–1994-1996
Sigma Xi - Current
AOA – 1978 - present
American Society of Nephrology (ASN) Nominating Committee - 1997
ASN Abstract Reviewer/Chair ASN Session - 1994-2009
ASN Clinical Science Committee – 1998 – 1999
ASN Board Review Course Lecturer – 1997, 1998, 1999, 2010, 2011
Critical Care Board Review ACP Lecturer 1993, 1994, 1995, 1996, 1997
ASN Research Priorities Committee - 1998
ASN Clinical Science Committee, Research Subcommittee, Chairman – 2001
Committee Member, ASN Chronic Kidney Disease Advisory Group 2003-2006
Scientific Advisory Committee for the Chronic Kidney Disease Study (CRIK), NIH/NIDDK
Committee Member, Chronic Kidney Disease Advisory Group (CKD), ASN Clinical Research
Working Group 2002–2005
ASN Clinical Journal Working Group 2003
D Cure Scientific Board of Directors 2004-present
ASN 2007 Program Committee for Annual Committee Meeting 2007
Kidney International Program Committee for Annual Meeting 2008
Investigation Training Committee, Scientific Board, DCure-Pfizer Diabetes 2005 – present
VCIH Research Steering Committee – 2007 - present

STUDY COMMITTEES/ACTIVITIES

Executive Committee Collaborative Study Group (CSG) – 1991 – present
Vice President Collaborative Study Group 2001-present
Protocol Development Committee, AASK Study – 1992 – 1993
Protocol Development Committee, HEMO Study – 1992 – 1993
Chair Protocol Development Committee IDNT Study – 1993-1994
Steering Committee, AASK Study – 1993 – 2002
CV Outcome Committee IDNT Study – 1994 - 2001
Executive Committee, AASK Study – 1998 – 2002
Executive Committee AASK Cohort Study 2002 – 2008
Chair, Forms Committee, AASK 1993 - 2008
Chair, MAP and Cardiovascular Outcome Committee AASK Study & AASK Cohort Study
1993 - 2008
Member, Publications and Ancillary Studies Committee, AASK 1993 - 2008
Steering Committee, HEMO Study – 1993 – 2002, Protocol Development Committee and
Outcome Committee
Outcome Committee Member, HEMO, Collaborative Study Group 1993 - 2002
PI of Multicenter Study Coordinating Center and Chair, Writing Committee, ANP Study
1996-1997

Chair, Data Safety Monitoring Board for Abbott Laboratories' Zemplar study
R01 COX 2 Study, PI central coordinating center for multicenter study 2003 - 2005
IDNT Study: Chair Protocol Development and Recruitment Committee, Member CV Outcome Committee
Armor Study – PI over all centers in multicenter study 2004 – 2006
Collaborative Study Group(CSG) – CoPI over all centers (national and international) Pilot study
Sulodexide in Type 1 and Type 2 Diabetes and Microalbuminuria, Chair Protocol
Development and Recruitment Committee, Member Outcome Committee 2003 – 2007
CSG – CoPI over all centers (national and international) for Type 2 Diabetes and Overt
Proteinuria 2005 – 2010
Pyridorin Study CSG – CoPI over all centers (national and international) Chair Protocol Design
and Recruitment Committee, Member of Outcome Committee 2006 - 2010
CSG – PI over all centers (national and international) for Safety and Efficacy of Zerenex (ferric
citrate) in ESRD (2 completed trials, one on-going)
Design Committee NIH SPRINT Study 2009-2010
Intervention Committee NIH SPRINT Study 2009-present
CKD Committee NIH SPRINT Study 2009-present
CSG: COPI over all centers (national and international) Lilly Sponsored Anti-TGF Beta Ab in
Diabetic Nephropathy 2009 - 2011
CSG: Chair Protocol Development for Anti-TGF Beta Ab in Diabetic Nephropathy
CSG: Member Outcome, Forms Development & Safety Committee for Anti-TGF Beta Ab in
Diabetic Nephropathy Study
Member Executive Scientific Advisory Committee for NIH Sponsored CRIC Study 2005-
present
Member Executive Scientific Advisory Committee for SAVOR-TIMI 53 2008-present
Special Government Employee of the Cardiovascular and Renal Drugs Advisory Committee
(CRDAC)-FDA; appointment 2011-July 2, 2016

LOCAL BOARD ACTIVITY

Lupus Foundation of America Board 1995 - 1998
National Kidney Foundation Auxiliary Board 1994 - 1997
Akiva School Board, Chair of Recruitment Committee 1992 - 2002
Jewish Federation, Physician Division and Fund Raising 1990
Frist 2000 Roundtable 2000
Canby Robinson Society 2000 – present
Curry Ingram Academy Steering Committee 2003 – 2006
Cheekwood Art Museum Art Acquisition Committee 2006-2010

AWARDS AND HONORS

Phi Beta Kappa
Alpha Omega Alpha
Academic Book of Honors
Phi Kappa Phi
Intern of the Year
Louis Pasteur Undergraduate Scientific Award

Vanderbilt University Distinguished House staff Teacher for 1990/91 and 1991/92
Sigma Xi, The Scientific Research Society – 1997
Five Star Excellence Award by Professional Research Consultants 2008
Faculty Teaching Award 2000, 2005, 2010

UNIVERSITY COMMITTEES

1988-1999 Director, Outpatient Renal Clinic, Vanderbilt University School of Medicine
1988-2004 Director, Peritoneal Dialysis Program, Vanderbilt University Renal Care Group Program
1988-Present Director, Vanderbilt Nephrology Fellowship, Recruitment & Training Program
1989-2000 Member, Library Committee, Vanderbilt University School of Medicine
1992-1995 Member, Vanderbilt University School of Medicine, Standing Policy Committee for Faculty
1992-1997 Vanderbilt University School of Medicine, Medical Center Medical Board
1992 Elected to Vanderbilt Professional Practice Program Board; declined membership due to conflict with Medical Center Medical Board
1993-1995 Chairman, Vanderbilt University School of Medicine, Advisory Council representing Clinical Science Departments
1993-1995 Member, Vanderbilt University School of Medicine, Faculty Advisory Council, Faculty Standing Policy Committee
1993-2006 Member, Vanderbilt University School of Medicine, Student Promotion Committee
1993-1997 Vanderbilt University School of Medicine, Patient Care Domain Committee
1993-1997 Vanderbilt University School of Medicine, Clinical Services Committee
1993-1997 Vanderbilt University School of Medicine, Network Task Force Committee
1994-2005 Member, Vanderbilt University School of Medicine, Medical Specialties Clinic Committee
1994-1996 Vanderbilt University School of Medicine Senate
1995-1996 Vanderbilt University School of Medicine, Professional Ethics and Academic Freedom Committee
1997-1998 Chair of Clinical Trials Center Advisory Committee to Vice Chancellor
1998 Preceptor, Vanderbilt University of School of Medicine, Student Research Program in diabetes and Endocrinology
1997-1998 Preceptorship in Clinical Medicine, Vanderbilt University of School of Medicine
1999-Present Coordinator of Clinical Activities, Renal Division
1999-2001 Task Force on Clinical Growth and New Program Development
2003-Present Member Vanderbilt Concierge Committee
2004-2010 Member Vanderbilt University Committee on Appointments and Promotions
2006-2008 Member Alpha Omega Alpha Honor Medical Society Selection Committee
2011- Present Center for Health Services Research – NLM RO1 Renewal Committee

MENTORSHIPS

1986-1988 Barbara A Greco, MD. Associate Professor of Medicine, Bay State Medical Center, MA
1987-1989 Mark Wigger, Assistant Professor of Medicine, VU
1988-1990 Robert Dunmire, private practice, Goldsboro, NC
1988-1990 Donald Franklin, private practice, Chattanooga, TN
1988-1990 Thomas McCune, private practice, Norfolk, VA
1990-1993 T. Alp Ikizler, Professor of Medicine, Vanderbilt University
1991-1993 Lynn Ebaugh, private practice, Memphis, TN
1991-1994 Murphy Martin, private practice, Jackson, MS
1994-1996 Roger Coomer, private practice, Huntsville, AL

1995-1997 Neelam Kawatra, private practice, Fremont, CA
 1997-1999 John Brouillette, private practice, Birmingham, AL
 1997-1999 Richard Cornell, private practice, Louisville, KY
 2001-2003 Shane Kennedy, private practice, Ft. Worth, TX
 2002-2004 Douglas Nigbor, private practice, Gastonia, NC
 2002-2005 Seema Basi, private practice, private practice, Princeton Junction, NJ
 2003-2005 Kimberly Bungcayao, private practice, Mooresville, NC
 2003-2005 James P. Smith, Drug Reviewer, Food and Drug Administration (FDA)
 2004-2006 Jamie P. Dwyer, Assistant Professor of Medicine, Vanderbilt University
 2004-2006 Edward D. Siew, Assistant Professor of Medicine, Vanderbilt University
 2006-2008 Stephen Clyne, private practice, Pontiac, MI
 2006-2008 James Matthew Luther, Assistant Professor of Medicine, Vanderbilt University
 2006-2009 Tahira Alves, private practice, San Antonio, TX
 2008-2010 Michael Haderlie, private practice, Idaho Falls, ID
 2009-2011 Kausik Umanath, Senior Staff Physician, Henry Ford Medical Center, Detroit, MI
 2010-2012 Matthew Elliott, Clinical Fellow, Vanderbilt University
 2010-2012 Phillip Hartle, Clinical Fellow, Vanderbilt University
 2010-2012 Eric Wallace, Chief Clinical Fellow, Vanderbilt University

RESEARCH AWARDS

"The Modification of Diet in Renal Disease." 9/84 - 9/93.
Principal Investigator, Annual Direct Costs: \$295,897

"Purification & Characterization of Renal PreproEGF." 4/10/87 - 3/31/92
 NIH Research Grant - #DK 01660-05
Principal Investigator, Annual Direct Costs: \$80,593

"Biology of Progressive Nephron Diseases." 7/1/89 - 6/30/92.
 NIH Research Grant - #DK 39261-05 (Project 4)
Principal Investigator, Annual Direct Costs: \$64,855

"Blood Pressure Control in Hemodialysis and Peritoneal Dialysis Patients" 7/1/90 - 6/31/92.
 Dialysis Clinic Inc. -
Principal Investigator, Annual Direct Costs: \$25,000

"The Effect of Captopril on Progressive Type I Diabetic Renal Disease" 2/90- 1/94.
 NIH/Squibb MultiCenter Study -
Principal Investigator, Annual Direct Costs: \$57,000

"A Double-Blind Randomized Study of the Safety and Efficacy of Oral Tolrestat Compared with Placebo for the Prevention of Nephropathy in Normotensive Insulin-Dependent Diabetic Patients with Microalbuminuria." 5/1/91 - 4/30/96.
 Wyeth-Ayerst Pharmaceutical Grant - #709A-300-US
Principal Investigator, Annual Direct Costs: \$39,339

"Kidney Disease and Hypertension in Blacks" 9/30/92-6/30/01.
 NIH Research Grant - U01 DK45388
Principal Investigator, Annual Direct Costs: \$340,524.

"Reduction in Morbidity and Mortality Among Hemodialysis Patients" 9/92-8/31/01.
NIH Research Grant - U01 DK461144
Co-Investigator, Annual Direct Costs: \$147,375.

"Malnutrition in Hemodialysis Patients" 7/1/92-6/30/97,
NIH Research Grant - RFA-DK-91-07
Co-Investigator, Annual Direct Costs: \$159,121

National Institute of Diabetes and Digestive Disease and Hypertension African American Study
of Kidney Disease and Hypertension, , 9/30/1992 – 06/30/2003
U01 DK45388,
Principal Investigator

"A Double-Blind, Randomized, Placebo-Controlled, Phase II/III, Multicenter Clinical Trial to
Evaluate the Safety and Efficacy of Intravenous Auriculin hANP (Human Atrial Natriuretic
Peptide) in the Treatment of Acute Tubular Necrosis." 10/10/93 - 6/30/95.
Scios Nova Pharmaceutical Grant - No.C702.014
Principal Investigator, Annual Direct Costs: \$59,857.

"The Effect of Intensity of Blood Pressure Management on the Progression of Type I Diabetic
Nephropathy" 7/1/93 - 12/31/96.
Hoechst-Roussel Pharmaceuticals, Inc.
Principal Investigator, Annual Direct Costs: \$16,000.

"The Effect of r-HuEPO on the Anemia of Chronic Renal Failure in Predialysis Patients" 3/1/93
- 2/28/95.
Ortho Pharmaceuticals, Inc. - No. M92-056
Co-Investigator, Annual Direct Costs: \$67,975.

"Recombinant Human Growth Hormone in Renal Failure" 9/30/93 - 9/24/94.
FDA-sponsored - No.FD-R-000943-01
Co-Investigator. Annual Direct Costs: \$185,000.

"Angiotensin II Receptor Antagonist in IDDM with Proteinuria and Declining Renal Function"
January, 1995 - 2001.
Bristol-Myers Squibb - Pilot Study:
Principal Investigator, Annual Direct Costs: \$47,932.

"An Open-Label, Randomized Study of Novel Erythropoiesis Stimulating Protein (NESP) and
Recombinant Human Erythropoietin (r-HuEPO) for the Treatment of Anemia in Patients with
End Stage Renal Disease (ESRD) Receiving Dialysis." 1995 - present.
Co-Investigator

"Evaluate the Effects of SC-58635 at Doses of 200 mg BID and 400 mg BID on Renal
Function and Urinary Prostaglandins in Healthy Elderly Subjects" 9/1/96 - 4/1/97.
Searle
Co-Investigator, Annual Direct Costs: \$539,867.

"Comparison of the Effects of SR47436 (BMS-186295) vs. Enalapril on Glomerular Filtration
Rate in Patients with Suspected Renovascular Hypertension" 2/1/96 - 11/30/96.
Bristol-Myers Squibb

Principal Investigator, Annual Direct Costs: \$43,476.

“The Safety and Efficacy of Anaritide in the Treatment of Oliguric Acute Tubular Necrosis”
3/1/96 - 6/30/97

Scios Nova, Inc.

Principal Investigator, Annual Direct Costs: \$54,285.

“The Effect of Irbesartan on Morbidity and Mortality in Hypertensive Patients with Type II
Diabetes and Diabetic Nephropathy” 2/1/96 - 1/31/98

Bristol-Myers Squibb

Principal Investigator, Annual Direct Costs: \$56,231.

“Levocarnitine Supplementation to Improve Exercise Performance and Quality of Life in
Patients with End-Stage Renal Disease (ESRD) Undergoing Maintenance Hemodialysis”

2/1/97 - 2/1/98,

Co-Investigator, Annual Direct Costs: \$58,923

“A Randomized, Double-Blind, Placebo-Controlled, Concentration Escalating, Crossover Study
of BG9719 Alone and in Combination with Furosemide in Subjects with Moderate to Severe
Congestive Heart Failure and Mild to Moderate Renal Insufficiency.” 2/1/99 - 1/30/00,

Co-investigator, Annual Direct Costs: \$111,111

“The Effect of DTI-0026 on the Treatment of Glomerulonephritis, Discovery Therapeutic
INDUSTRY-PHARM/CLINICAL”

Principal Investigator 1/2001-3/31/2002.

“Ortho, Correction of Hemoglobin and Outcomes in Renal Insufficiency (CHOIR)”

Co-Principal Investigator. 1/30/2002 – 11/20/2006.

“Comparison of the Effects of Cox-2 Inhibitor to Placebo in Subjects with Renal Disease and
Proteinuria” 8/1/2002 – 2/28/2003.

Pfizer 2001-00836,

Principal Investigator

“Treatment of Diabetic Nephropathy.” 9/30/2002 – 7/1/2005.

National Institute of Diabetes & Digestive & Kidney Disease 5R01 DK063091-02,

Principal Investigator

“An Exploratory, Randomized, Double-Blind, Multiple Dose of KRX-101 (Sulodexide
Gelcaps) for the Treatment of Type 2 Diabetic Nephropathic Patients with Persistent
Microalbuminuria.” 9/18/2003 – 10/21/2007.

Keryx Biopharmaceuticals, Inc.,

Principal Investigator

AASK Cohort Study, 9/29/2003 – 6/30/2007.

National Institute of Diabetes & Digestive & Kidney Disease, 2U01 DK04538812

Principal Investigator.

An Open-Label, Multi-Center Study To Document The Efficacy, Safety And Tolerability Of
Long-Term Administration of RO 0503821 in Patients With Chronic Renal Anemia.

11/19/2004 – 9/2/2010.

Roche, CERA (BH18387):

Co-Principal Investigator

“The Effect of Sulodexide in Overt Type 2 Diabetic Nephropathy, a multicenter, randomized, double-blind, placebo-controlled study.” 5/3/2005 – 3/12/2009.

Keryx Biopharmaceuticals, Inc., KRX-101-401:

Principal Investigator

“A Phase 2, Multi-Center, Open-Label Study to Determine Long-Term Safety, Tolerability and Efficacy of Split-Dose Oral Regimens of Tolvaptan Tablets in a Range of 30 to 120 mg/d in Patients with Autosomal Dominant Polycystic Kidney Disease (ADPKD).” 9/13/2005 – 8/18/2010

Otsuka Maryland Research Institute, Inc.,

Co-Principal Investigator

“A Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Phase 2b Study to Evaluate the Safety and Efficacy of Pyridorin (pyridoxamine dihydrochloride) in Patients with Nephropathy Due to Type 2 Diabetes.” 2006 – 2010.

NephroGenex, PYR-210:

Principal Investigator

“Frequent Hemodialysis Network: Short Daily Hemodialysis Trial. A Multi-Center Randomized Controlled Study to Demonstrate the Efficacy, Safety and Feasibility of "Frequent Hemodialysis" in Patients with End Stage Renal Disease” 1/25/2006 – 2/15/2010.

NIH

Co-Principal Investigator

“A Phase III, Randomized Double-blind, Placebo-controlled Study of AST-120 for Prevention of Chronic Kidney Disease Progression in Patients with Moderate to Severe Chronic Kidney Disease.” 6/26/2007 – ongoing.

Mitsubishi Pharma Corporation/Kureha Corp., KRM 306:

Principal Investigator

NIH, AASK ABPM Pilot Study: The Effects of Ramipril-Based Antihypertensive Therapies on Nocturnal BP. 5/8/2007 – 5/28/2009.

Principal Investigator

“A Phase 3, Multi-center, Double-blind, Placebo-controlled, Parallel-arm Trial to Determine Long-term Safety and Efficacy of Oral Tolvaptan Tablet Regimens in Adult Subjects with Autosomal Dominant Polycystic Kidney Disease” 7/30/2007 – ongoing.

Otsuka Maryland Research Institute, Inc.

Co-Principal Investigator

”A Safety and Tolerability Study of Zerenex (Ferric Citrate) in Patients with End-Stage Renal Disease (ESRD)” 1/1/2008 – 12/31/2008.

Keryx Biopharmaceuticals, Inc.,

Principal Investigator

“Zerenex: A Safety and Tolerability Study of Zerenex (ferric citrate) in Patients with End-Stage Renal Disease (ESRD)” 2/25/2008 – 4/14/2009.

Keryx Biopharmaceuticals, Inc.,

Principal Investigator

“Impact of Acute Kidney Injury on Kidney Disease Progression” 7/1/2008 – 6/30/2013.
NIH/NIDDK,

Co-Principal Investigator

“Cytochroma, A Single-Dose, Open-Label, Dose Determination, Randomized, Cross-Over, Pharmacokinetic Study of CTAP201 Injection and Doxercalciferol (Hectorol) Injection in Subjects with Stage 5 Chronic Kidney Disease and Secondary Hyperparathyroidism on Hemodialysis.” 2/2/2009 – 2/18/2010.

Co-Principal Investigator

“Cytochroma, CTAP101-CL-2004 A Randomized, Open-Label, Single-Dose Pilot Study of Oral and Intravenous CTAP101 Evaluating Pharmacokinetics and Safety in Stage 3 and 4 Chronic Kidney Disease Subjects with Vitamin D Insufficient and Secondary Hyperparathyroidism.” 5/14/2009 – 6/29/2010.

Co-Principal Investigator

“A Phase II Randomized, Double-Blind, Placebo-Controlled Study of AST-120 for Prevention of Chronic Kidney Disease Progression in Patients with Moderate.” 7/1/2009 – 12/31/2012.

Mitsubishi Tanabe Pharma Corp.,

Principal Investigator

“Effect of dialysate flow rate on delivered dose of dialysate (Kt/V urea)” 8/4/2009 – 10/12/2010.
University of Louisville,

Co-Principal Investigator

“A Phase II Randomized, Double-Blind, Placebo-Controlled Study of AST-120 for Prevention of Chronic Kidney Disease Progression in Patients with Moderate.” 8/13/2009 – 8/12/2011.

PharmaNet, Inc.

Principal Investigator

“A 4-Week Dose Ranging and Efficacy Trial of KRX-0502 (ferric citrate) in Patients with End-Stage Renal Disease (ESRD) Following a Two-Week Washout Period.” 5/1/2010 – 12/1/2010

Keryx Biopharmaceuticals, Inc.,

Principal Investigator

“Multi-center, open -label, Extension study to evaluate the long-term efficacy and safety of oral tolvaptan tablet regimens in subjects with autosomal dominant polycystic kidney disease (ADPKD).” 5/31/2010 – ongoing.

Otsuka Maryland Research Institute, Inc.

Co-Principal Investigator

“Agalsidase alfa (Replagal®) for Emergency Investigational New Drug (eIND) Use in Fabry Disease” 8/16/2010 – ongoing.

SHIRE Pharmaceuticals,

Principal Investigator

“Information Systems for Detecting and Managing Acute Kidney Injury.” 9/1/2010 – /31/2011.
NIH/NLM,

Co-Principal Investigator

Systolic Blood Intervention Trial (SPRINT). 9/7/2010 – ongoing.
NIH,

Principal Investigator

“A Three-Period, 58-Week Safety and Efficacy Trial of KRX-0502 (ferric citrate) in Patients with End-Stage Renal Disease (ESRD) on Dialysis” 12/1/2010 – ongoing

Keryx Biopharmaceuticals, Inc.,

Principal Investigator

RECENT TRAINING IN GOOD CLINICAL PRACTICE FOR CLINICAL RESEARCH:

Keryx-Sulodexide Study – May 14-15, 2005

Keryx-Zerenex Study – October 24, 2007

Nephrogenex-Pyridorin Study – September 25, 2008

LILLY Study – May, 2010

EU/Israel CRA Training & Investigators’ Meeting “H9V-MC-GFRF” – June 14-16, 2011

National Faculty Education Initiative. Lighthouse Learning –September 18, 2011

SELECTED REGULATORY AFFAIRS

Back-up Presenter for Study Results Captopril in Diabetic Nephropathy Trial 1993

Back-up Presenter for Study Results IDNT Trial 2001

Member Committee to Discuss Protocol Development for Iron Chelator in CKD

Member Committee to Discuss Protocol Development for Sulodexide in Diabetic Nephropathy Study Program 2003

Presented Assessment of Renal Adverse Events in CHARM Study to Cardiorenal Advisory Board

Presented Assessment of Renal Adverse Events to Advisory Board in Thervance Sponsored Study of Telavancin 2008

Presented Assessment of Renal Adverse Events to Cardiorenal Advisory Board of Ticagrelor

Presented Sulodexide Study Results in Jointly Sponsored NIH/FDA Meeting Exploring Appropriate Renal Outcomes in Trials

Chaired Session in Jointly Sponsored NKF/FDA Meeting Exploring PRO Tools

SELECTED RECENT CONSULTANCY

Pharmalink; Member Protocol Development Committee Nefecon in IgA Nephropathy 2010

Cerexa; Assessment Adverse Renal Events with Anti-infective Drug 2009-2010

Duke Evidence Based Practice Center; ACE/ARB Technical Expert Panel 2009-2010

Fibrogen; Consult on Protocol Development for Anti-CTGF in Diabetic Nephropathy 2007-2010

Novartis; Member Steering Committee for AVOID Trial, Protocol Development, Publication Committee 2004-2010

Reata Pharmaceuticals; Consult on Protocol Development Antioxidant in Diabetic Nephropathy 2008

Renavance; Consultant on Protocol Development for Oral Anti-TGF Beta Agent in Diabetic Nephropathy 2009

REVIEWER FOR JOURNALS:

Journal American Society of Nephrology
New England Journal of Medicine
Kidney International
American Journal Kidney Disease
American Journal Nephrology
Critical Care Medicare

EDITORIAL BOARDS:

Editorial Board of Kidney International 1999- 2005
(two year terms beginning with the January 1999 issue, Volume 55) – 1999- 2001
Editorial Board member of American Journal of Kidney Diseases 1999 - 2002
Asked to serve on the Editorial Board for Clinical Nephrology but declined
Editorial Board, American Journal of Nephrology 2001 - 2005
Editorial Board, Journal of the American Society of Nephrology 2001 - present

GRANT REVIEWER:

NIH/NIDDK grant reviewer - 2008
National Kidney Research Fund (NKRF) External Referee Panel
NIH/NIDDK grant reviewer – 2009
NIH/NIDDK Review Team Member, March 2011

SPECIAL HONORS:

Invited by Senator Frist to participate in the U.S. Senate Joint Economic Committee's High Technology Summit in Washington, DC, September 29, 1999.

INVITED CHAPTERS

1. **Breyer J** Diabetic Nephropathy. In *Ocular Problems in Diabetes Mellitus*, Feman S (ed.) Blackwell Scientific Publications, Cambridge, MA, pp 75-94, 1992.
2. **Breyer J**, Jacobson HR: Ischemic Renal Disease: In *Oxford Textbook of Clinical Nephrology*, Cameron JS et al (eds.), *Oxford University Press, London, England, pp 1077-1084, 1992.*
3. **Breyer JA**: Proteinuria In A Type I Diabetic. In *Renal Grand Rounds: Case Studies*, Stone B (ed.) *B.C. Decker, Inc., Publisher, Philadelphia, PA, pp 39-46, 1992.*
4. **Breyer JA**: New-Onset Hypertension and Rising Serum Creatinine Following Renal Biopsy. In *Renal Grand Rounds: Case Studies*, Stone B (ed.) *B.C. Decker, Inc., Publisher, Philadelphia, PA, pp 11-17, 1992.*
5. **Breyer J**: Diabetes and Renal Disease. In *MKSAP in Nephrology and Hypertension*, Knochel JP (ed.), American College of Physicians, Publisher, Philadelphia, PA, pp 147-159, 1994.

6. Goral S, **Breyer JA**: Effect of gender on response to treatment of human hypertension. *International Yearbook of Nephrology*, pp. 43-50, 1996.
7. **Breyer JA**: In-Depth Review: Diabetic Nephropathy. In *NKF Primer on Renal Diseases*, 1997.
8. **Breyer JA**: Diabetic Nephropathy. In *Mediguide to Nephrology*. 5:5, 1-8,1997.
9. Walls MJ, **Breyer JA**: Hypertension in Chronic Renal Failure, Dialysis and Transplantation. In *Current Therapy in Nephrology and Hypertension*, Glasscock RJ (ed.) Mosby, St. Louis, MO, pp 335-352, 1998.
10. **Breyer JA**: Acid-Base Disorders: In *The Cleveland Clinic Intensive Review of Internal Medicine*,54:620-631, 2000.
11. Langone A, **Lewis J**: Hemodialysis for End-Stage Diabetic Nephropathy. *Dialysis Therapy* 3rd Edition:425-429, 2002.
12. Greco B, **Lewis JB**: Atheromatous Renovascular Disease. In *Comprehensive Clinical Nephrology*, Johnson and Freehally, Edinberg: New York Mosby, 2003.
13. Greco B, **Lewis JB**: Atheromatous Renovascular Disease. In *Principles of Nephrology*, Mosby International 2003.
14. **Lewis Julia B**, Neilson Eric G, "Chapter 277. Glomerular Diseases" (Chapter). Fauci AS, Braunwald E, Kasper DL, Hauser SL, Longo DL, Jameson JL, Loscalzo J: *Harrison's Principles of Internal Medicine* 2005.
15. Luther JM, **Breyer-Lewis JB**. "Acid Base Disorders." *The Cleveland Clinic Intensive Review of Internal Medicine*, 5th edition. Eds. Stoller JK, Michota FA, Mandell BF. Philadelphia: Lippincott Williams & Wilkins, 2010; pp. 594-610
16. **Lewis JB**, Neilson EG. Chapter 283. Glomerular Diseases. In: Longo DL, Fauci AS, Kasper DL, Hauser SL, Jameson JL, Loscalzo J, eds. *Harrison's Principles of Internal Medicine*. 18th ed. New York: McGraw-Hill; 2011.
17. Dwyer JP, **Lewis JB**. Chapter 58. Clinical Aspects of Diabetic Nephropathy. In *Diseases of the Kidney and Urinary Tract*. 9th Edition. Schrier, RW, Neilson EG, eds. Lippincott Williams Wilkins. 2012.

CITATIONS

1. Levey AS, Bosch JP, **Breyer-Lewis J**, Greene T, Rogers N, Roth D and the MDRD Study Group: A more accurate methods to estimate glomerular filtration rate from serum creatinine: A new prediction equation. *Annals of Internal Medicine* 130:461-470, 1999.
2. **Lewis JB**, Berl T, Bain RP, Rohde RD, Lewis EJ. Effect of intensive blood pressure control on the course of type 1 diabetic nephropathy. Collaborative Study Group. *Am J Kidney Dis*. 1999 Nov;34(5):809-17. **PMID: 10561135**.

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3. Eknoyan G, Beck GJ, **Breyer JA**, Kopple JD, Kusek JW, Levey AS, Striker GE and the MMHD Study Group. Design and preliminary results of the Mortality and Morbidity of Hemodialysis (MMHD) Pilot Study. The American Society of Nephrology 27th Annual Meeting Orlando, Florida, October 26-29, 1994.
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26. AASK (Prepared by Cheek D, Bourgoignie J, Cleveland W, Kusek JW, Norris K, Wang SR). Blood pressure in screenees for the African American Study of Kidney Disease and Hypertension (AASK). American Society of Hypertension Twelfth Scientific Meeting, San Francisco, California, May 27-31, 1997.
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39. Chumlea WC, Bergen C, Dwyer J, Henry R, McGhee A, McLeroy S, Paranandi L and the HEMO Study Group. Anthropometric data for hemodialysis patients: an interim report from the HEMO Study. American Society of Nephrology 30th Annual Meeting, San Antonio, Texas, November 2-5, 1997.
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71. Crawford SI, Ferris N, Burrowes JD and the HEMO Study Group. The Hemodialysis Study: an overview. American Nephrology Nurses' Association 29th National Symposium, San Antonio, Texas, May 31 - June 1, 1998.
72. Priester-Coary A, Paranandi L, Burrowes J, Minda S, Rehm-McGillicuddy J, Wright C, Yabrow A and the HEMO Study Group. Effectiveness of training dialysis unit staff in the Hemo-dialysis (HEMO) Study. American Nephrology Nurses' Association 29th National Symposium, San Antonio, Texas, May 31 - June 1, 1998.
73. Martin A, Crawford S, Yabrow A, Rehm-McGillicuddy J, Parnandi L and the HEMO Study Group. Comorbidity assessment by research study coordinators in the HEMO Study. American Nephrology Nurses' Association 29th National Symposium, San Antonio, Texas, May 31 - June 1, 1998.
74. Levey A. Burden of Disease in the Elderly. Nephrology Geriatric Education Retreat, Jasper, Alberta, Canada, July 31 - August 5, 1998.
75. HEMO Study Group (Prepared by Eknayan G, Agodoa LY, Beck GJ, Daugirdas JT, Greene T, Kusek JK, Levin NW). Progress and adequacy of delivered dialysis doses in the hemodialysis (HEMO) Study: Interim results. XXXV Congress of the EDTA European Renal Association, Rimini, Italy, June 6-9, 1998.
76. Dwyer J, Burrowes J, Chumlea W, Frydrych A, Kusek J, Leung J, Paranandi L, Rocco M, Uhlin L and the Hemodialysis (HEMO) Study Group. Nutritional status and quality of life in hemodialysis patients. 9th International Congress on Nutrition and Metabolism an Renal Disease, Vienna, Austria, August 29 - September 1, 1998.
77. Burrowes J, Gibbons S, and the HEMO Study Group. The Hemodialysis (HEMO) Study: Overview, role of nutrition, and baseline nutrition characteristics of participants. ESRD Network of New York Annual Meeting, New York, New York, October 16, 1998.
78. Daugirdas J, Depner T, Gotch F, Greene T, Levin N, Schulman G, Star R, Yan G and the HEMO Study Group. Predictors of urea rebound. American Society of Nephrology 31st Annual Meeting, Philadelphia, Pennsylvania, October 25-28, 1998.
79. Daugirdas J, Depner T, Gotch F, Greene T, Schulman G, Star R and the HEMO Study Group. Validation of a corrected 30-min post BUN sample to compute eKt/V from urea rebound measured 60 minutes postdialysis. American Society of Nephrology 31st Annual Meeting, Philadelphia, Pennsylvania, October 25-28, 1998.
80. Delmez J, Agodoa L, Ornt D, Beck G and the HEMO Study Group. Effects of gluteraldehyde, formaldehyde and renalin on β_2 -microglobulin clearances in high flux dialyzers reprocessed with bleach. American Society of Nephrology 31st Annual Meeting, Philadelphia, Pennsylvania, October 25-28, 1998.

81. Dwyer JT, Chumlea WC, Frydrych A, Kusek J, Leung J, Paranandi L, Uhlin L and the HEMO Study Group. Better nutritional status and lower comorbidity associated with quality of life at baseline in the HEMO Study. American Society of Nephrology 31st Annual Meeting, Philadelphia, Pennsylvania, October 25-28, 1998.
82. Leypoldt J, Cheung A, Daugirdas J, Greene T, Levin N, Ornt D, Schulman G and the HEMO Study Group. Evaluation of hemodialyzer clearance of β_2 -microglobulin using predialysis and postdialysis plasma concentrations. American Society of Nephrology 31st Annual Meeting, Philadelphia, Pennsylvania, October 25-28, 1998.
83. Leypoldt J, Cheung A, Delmez J, Gassman J, Levin N, **Breyer Lewis J**, Lewis J, Rocco M and the HEMO Study Group. Relationship between volume status and blood pressure during chronic hemodialysis. American Society of Nephrology 31st Annual Meeting, Philadelphia, Pennsylvania, October 25-28, 1998.
84. Rocco M, Bergen C, Burrowes J, Cockram D, Dwyer J, Makoff R, Paranandi L, Poole D and the HEMO Study Group. Factors associated with dietary protein and energy intake and serum albumin levels in hemodialysis patients: An interim report from the HEMO Study. American Society of Nephrology 31st Annual Meeting, Philadelphia, Pennsylvania, October 25-28, 1998.
85. Crawford SI, Ferris N, Burrowes JD and the HEMO Study Group. The Hemodialysis Study: an update. American Nephrology Nurses' Association 30th National Symposium, Baltimore, Maryland, April 11-14, 1999.
86. Burrowes JD, Bergen C, Cockram DB, Dwyer JT, Paranandi L, Poole D and the Hemodialysis (HEMO) Study Group. Dietary energy and protein intake and their relationship to nutritional status in elderly vs. non-elderly patients at baseline in the HEMO Study. Eighth Annual National Kidney Foundation Clinical Nephrology Meetings, Washington, D.C., April 29 - May 2, 1999.
87. HEMO Study Group (Prepared by Eknayan G, Agodoa LY, Beck GJ, Daugirdas JT, Greene T, Kusek JW, Levin NW). Progress and adequacy of delivered dialysis doses in the Hemodialysis (HEMO) Study. Eighth Annual National Kidney Foundation Clinical Nephrology Meetings, Washington, D.C., April 29 - May 2, 1999.
88. Yan G, Greene T, Beck G, Kusek J, Leung J, Levey A, Paranandi L and the HEMO and MDRD Study Groups. Bias in longitudinal assessments of protein intake due to seasonal variations in studies of patients with kidney disease. Society for Clinical Trials Twentieth Annual Meeting, Anaheim, California, May 2-5, 1999.
89. Rocco M, Yan G, Gassman J, Weiss B, **Breyer Lewis J**, Ornt D, Levey A and the HEMO Study. Death classification in the HEMO Study: An interim report. Society for Clinical Trials Twentieth Annual Meeting, Anaheim, California, May 2-5, 1999.
90. Greene T, Daugirdas J, Beck G, Depner T, Ornt D, Schulman G, Star R, Eknayan G and the HEMO Study Group. Statistical basis for performance standards for achieving a minimum spKt/V goal based on variability observed in the NIH HEMO Study. XVth International Congress of Nephrology, Buenos Aires, Argentina, May 2-6, 1999.
91. HEMO Study Group (Prepared by Eknayan G, Agodoa LY, Beck GJ, Daugirdas JT, Greene T, Kusek JW, Levin NW). Progress and adequacy of delivered dialysis doses in the Hemodialysis (HEMO) Study: Interim results. XVth International Congress of Nephrology, Buenos Aires, Argentina, May 2-6, 1999.

92. Leypoldt J, Cheung A, Delmez J, Gassman J, Levin N, **Breyer Lewis J**, Lewis J, Rocco M and the HEMO Study Group. Effect of volume status on blood pressure in chronic hemodialysis patients. XVth International Congress of Nephrology, Buenos Aires, Argentina, May 2-6, 1999.
93. Rocco MV, Burrowes JD, Chumlea WC, Cockram D, Daugirdas J, Dwyer J, Frydrych A, Kusek J, Leung J, Makoff R, Paranandi L and the HEMO Study Group. Dietary protein and energy intake and serum albumin levels in hemodialysis patients: an interim report from the HEMO Study. XVth International Congress of Nephrology, Buenos Aires, Argentina, May 2-6, 1999.
94. Frydrych A. Nutritional aspects and overview of the HEMO Study. ESRD Networks 9 and 10, 1999 Nephrology Conference, Indianapolis, Indiana, May 19-21, 1999.
95. Martin A, Miskulin D, Meyer K, Athienites N, Gassman J, Kusek J, Ornt D, Yan G, Levey A and the HEMO Study Group. Comparison of three measures of physical function in the HEMO Study. National Kidney Foundation 49th Annual Meeting, Miami Beach, Florida, November 4-7, 1999.
96. Allen K, Dwyer JT, Frydrych A, Leung J, Paranandi L, Poole D, Yan G and the HEMO Study Group. Predictors of functional ability at baseline in the Hemodialysis (HEMO) Study. American Society of Nephrology 32nd Annual Meeting, Miami Beach, Florida, November 4-8, 1999
97. Allon M, Ornt DB, Schwab SJ, Delmez J, Kusek JA, Martin AA, Minda S, Rasmussen C and the HEMO Study Group. Factors determining the prevalence of A-V fistulas in hemodialysis patients in the HEMO Study. American Society of Nephrology 32nd Annual Meeting, Miami Beach, Florida, November 4-8, 1999.
98. Cheung A, Daugirdas J, Dwyer J, Greene T, Levin N, Ornt D, Schulman G, Yan G, Eknoyan G and the HEMO Study Group. Seasonal variations in clinical and laboratory parameters in chronic hemodialysis patients. American Society of Nephrology 32nd Annual Meeting, Miami Beach, Florida, November 4-8, 1999.
99. Daugirdas J, Beck G, Depner T, DeVita M, Greene T, Miller J, Rocco M and the HEMO Study Group. Accurate estimation of equilibrated PCRn by modifying the output of a single-pool UKM program. American Society of Nephrology 32nd Annual Meeting, Miami Beach, Florida, November 4-8, 1999.
100. Dwyer J, Cockram D, Kusek J, Leung J, Paranandi L, Rocco M, Schulman G, Uhlin L and the Hemodialysis (HEMO) Study. Years on dialysis are associated with indicators of nutritional status at baseline in the Hemodialysis (HEMO) Study. American Society of Nephrology 32nd Annual Meeting, Miami Beach, Florida, November 4-8, 1999.
101. Greene T, Daugirdas J, Beck G, Depner T, Ornt D, Schulman G, Star R, Eknoyan G and the HEMO Study Group. Effect of variability on performance standards for achieving a minimum spKt/ V goal. American Society of Nephrology 32nd Annual Meeting, Miami Beach, Florida, November 4-8, 1999.
102. Kaysen GA, Dubin JA, Muller HG, Rosales LM, Levin NW and the HEMO Study. The acute phase response varies with time and is the primary predictor of changes in serum albumin in hemodialysis patients. American Society of Nephrology 32nd Annual Meeting, Miami Beach, Florida, November 4-8, 1999.

103. Leyboldt J, Cheung A, Gassman J, Greene T, Levey A, Macon E, Rocco M, Star R, and the HEMO Study Group. Sodium removal and extracellular volume measurements in chronic hemodialysis patients. American Society of Nephrology 32nd Annual Meeting, Miami Beach, Florida, November 4-8, 1999.
104. Rocco MV, Yan G, Gassman J, **Lewis J**, Ornt D, Weiss B and AS Levey for the HEMO Study Group. A comparison of causes of death in the HEMO Study with the HCFA death notification form. American Society of Nephrology 32nd Annual Meeting, Miami Beach, Florida, November 4-8, 1999.
105. Agodoa L, Douglas J, Gassman J, Kutner M, Wright J. for the AASK Study Group. The African American Study of Kidney Disease and Hypertension (AASK): Progress report. American Society of Nephrology 32nd Annual Meeting, Miami Beach, Florida, November 5-8, 1999.
106. Phillips R, Gadegbku, C, Lash J, Middleton J, Rostand S, Van Lente F, Wang S and the AASK Study Group. Low rates of adequate lipid management in African Americans with or at risk for renal disease. American Society of Nephrology 32nd Annual Meeting, Miami Beach, Florida, November 5-8, 1999.
107. Pogue V, Bakris G, Cheek D, Greene T, Lea J, Randall O, Toto R and the AASK Study Group. Association of pulse pressure with glomerular filtration rate: A cross-sectional study of 2037 African Americans. American Society of Nephrology 32nd Annual Meeting, Miami Beach, Florida, November 5-8, 1999.
108. Douglas JG. Recruitment of African Americans in NIH Funded Clinical Trials: AASK Design, Demographics and BP Control. Jackson Heart Symposium, Jackson, Mississippi, May 3, 2000.
109. Lea JP, Appel LJ, Douglas JG, Faulkner M, Kopple JD, Lightfoot T, Zhang W for the AASK Study. Nutritional factors and their relationship to renal function in African American patients with hypertensive renal disease. American Society of Nephrology 32nd Annual Meeting, Toronto, Canada, October 13-16, 2000.
110. Lipkowitz MS, Agodoa L, Bakris G, Dowie D, Greene T, Jaen L, Middleton J and the AASK Study Group. Relationship between uric acid and blood pressure renal disease and cardiovascular disease in African American Study of Kidney Disease and Hypertension (AASK) patients. American Society of Nephrology 32nd Annual Meeting, Toronto, Canada, October 13-16, 2000.
111. Irving-Crawford S, Ferris N, Wright C, Burrowes J, Powers M, and the HEMO Study Group. The Hemodialysis Study: an overview. American Nephrology Nurses' Association 31st National Symposium, Nashville, Tennessee, April 9-11, 2000.
112. Dwyer J, Leung J, and the Hemodialysis (HEMO) Study Group. The Hemodialysis (HEMO) Study. National Kidney Foundation Ninth Annual Spring Clinical Nephrology Meeting, Atlanta, Georgia, April 13-16, 2000.
113. Ornt D, Greene T, Kaufman A, Minda S, Rehm-McGillicuddy J, Weiss B, Kusek J and the HEMO Study Group. Measurement of adherence in a hemodialysis (HD) therapy clinical trial: Assessment of prescribed HD dose on sampling versus non-sampling days. Society for Clinical Trials 21st Annual Meeting, Toronto, Canada, April 16-19, 2000.
114. Dwyer J, Carey C, Faulkner M, Kusek J, Larive B, Leung J, Rocco M and the HEMO Study Group. Nutritional status and associations by age with quality of life in the hemodialysis (HEMO) Study at baseline. 10th International Congress of Nutrition and Metabolism in Renal Disease. Palais des Congres de Lyon, France, July 6-8, 2000.

115. Burrowes JD, Beddhu S, Cockram DB, Kimmel PL, Larive B, Leung J, and the HEMO Study Group. Association of frequency of hospitalization with nutritional status, physical function, quality of life, and comorbidity in hemodialysis patients. 10th International Congress of Nutrition and Metabolism in Renal Disease. Palais des Congres de Lyon, France, July 6-8, 2000.
116. Beddhu S, Kaysen G, Yan G, Sarnak M, Agodoa L, Ornt D, Cheung AK and the HEMO Study Group. Hypoalbuminemia represents an atherosclerotic milieu in hemodialysis patients. American Society of Nephrology 33rd Annual Meeting, Toronto, Canada, October 13-16, 2000.
117. Daugirdas J, Chumlea C, Depner T, Greene T, Husak S, Rocco M for the HEMO Study. Anthropometric estimates of total body water overestimate properly computed kinetic urea volume. American Society of Nephrology 33rd Annual Meeting, Toronto, Canada, October 13-16, 2000.
118. Depner T, Greene T, Daugirdas J, Gotch F, Kusek J, Leypoldt J, McGillicuddy JR for the HEMO Study. Simultaneous estimation of delivered blood flow and in-vivo urea mass transfer coefficient from the cross-dialyzer extraction ratio. American Society of Nephrology 33rd Annual Meeting, Toronto, Canada, October 13-16, 2000.
119. Kaysen GA, Dubin JA, Müller HG, Mitch WE, Levin NW and the HEMO Group. Serum α_1 acid glycoprotein and ceruloplasmin predict future albumin levels in hemodialysis patients. American Society of Nephrology 33rd Annual Meeting, Toronto, Canada, October 13-16, 2000.
120. Schulman G, Delmez J, Greene T, Kimmel P, Martin A, Ornt D, Levey A, Levin N and the HEMO Study Group. Experience with two dialyzers in series in the HEMO Study. American Society of Nephrology 33rd Annual Meeting, Toronto, Canada, October 13-16, 2000.
121. Greene T. New Insights Into Hemodialysis Adequacy: Early Results of the HEMO Study. American Society of Nephrology 33rd Annual Meeting, Toronto, Canada, October 13-16, 2000.
122. Douglas JG, Thornley-Brown D, Ojo A, Pogue V, Rahman M, Randall O, Wright JT, Zhang W for the AASK Study Group. Ramipril and amlodipine-based therapy in the African-American Study of Kidney Disease and Hypertension (AASK): Supplemental drugs and side effects. 14th International Interdisciplinary Conference on Hypertension in Blacks, Las Vegas, Nevada, July 8-12, 2001.
123. Lea JP, Hiremath L, Kopple JD, Toto RD, Wang S-R from the AASK Study. Dietary sodium intake is associated with the degree of proteinuria in African-Americans with hypertensive renal disease. 14th International Interdisciplinary Conference on Hypertension in Blacks, Las Vegas, Nevada, July 8-12, 2001.
124. Miller ER, Appel LJ, Cheek D, Gassman JJ, Kusek JW, Lash J, Schulman G from the AASK Study. Effects of ramipril-and amlodipine-based therapy on proteinuria: Results from the African American Study of Kidney Disease (AASK). 14th International Interdisciplinary Conference on Hypertension in Blacks, Las Vegas, Nevada, July 8-12, 2001.
125. Norris K, Agodoa L, Douglas M, Gayle R, Greene T, Lea J, Wright J from the AASK Study. Renal outcome differences between ACE inhibitor and dihydropyridine calcium antagonist based treatment of hypertensive renal disease. 14th International Interdisciplinary Conference on Hypertension in Blacks, Las Vegas, Nevada, July 8-12, 2001.

126. Phillips R, Agodoa L, Bakris G, Douglas J, **Lewis J**, Middleton J, Wang S-R from the AASK Study Group. Predictors of multiple drug therapy in the African American Study of Kidney Disease and Hypertension (AASK). 14th International Interdisciplinary Conference on Hypertension in Blacks, Las Vegas, Nevada, July 8-12, 2001.
127. Lash JP, Agodoa L, Brittain K, Cheek D, Contreras G, Gassman J, Miller ER, Randall O, Thornley-Brown D and the AASK Study Group. ACE-inhibitors and calcium channel blockers are safe and well tolerated in patients with chronic renal insufficiency: Interim results of the AASK Study. 2001 ASN/ISN World Congress of Nephrology, San Francisco, California, October 12-17, 2001.
128. Lea JP, Contreras G, Kopple JD, Schulman G, Wang S-R, Lightfoot T, Richardson A and the AASK Study Group (AASK). The use of diuretic therapy in achievement of blood pressure goals in the African-American Study of Kidney Disease and Hypertension (AASK). 2001 ASN/ISN World Congress of Nephrology, San Francisco, California, October 12-17, 2001.
129. Middleton J, Agodoa L, Douglas J, **Lewis J**, Lipkowitz M, Littmon L, Randall OT, Zhang W and the AASK Study Group. Reversibility of initial acute GFR response to dihydropyridine calcium channel blocker in hypertensive nephrosclerosis in the African American Study of Kidney Disease and Hypertension (AASK). 2001 ASN/ISN World Congress of Nephrology, San Francisco, California, October 12-17, 2001.
130. Miller ER III, Appel LJ, Cheek D, Greene T, Kusek JW, Lash J, Schulman G and the AASK Study Group (AASK). Ramipril and amlodipine-based therapy to prevent proteinuria: Results from the African American Study of Kidney Disease (AASK). 2001 ASN/ISN World Congress of Nephrology, San Francisco, California, October 12-17, 2001.
131. Norris K, Agodoa L, Douglas M, Gayle R, Greene T, Lea J, Wright J. Differences in renal outcomes between ACE inhibitor and dihydropyridine calcium channel blocker persist after adjustment for blood pressure and add-on drugs for hypertensive kidney disease. 2001 ASN/ISN World Congress of Nephrology, San Francisco, California, October 12-17, 2001.
132. Wright C. Improving Hemodialysis Patients' Outcomes. Tenth Annual National Kidney Foundation Clinical Nephrology Meeting, Orlando, Florida, April 17-22, 2001.
133. Beddhu S, Yan G, Agodoa L, Beck G, Milford E, Unruh M, Cheung AK and the HEMO Study Group. The impact of race and comorbidity on kidney transplantation in the HEMO Study. First World Congress of Nephrology meeting, San Francisco, California, October 12-17, 2001.
134. Burrowes J. Racial differences in characteristics associated with nutritional status at baseline in the Hemodialysis (HEMO) Study. First World Congress of Nephrology Meeting, San Francisco, California, October 12-17, 2001.
135. Rocco MV. Nutritional status of HEMO Study patients. First World Congress of Nephrology Meeting, San Francisco, California, October 12-17, 2001.
136. Cockram D, Bergen C, Burrowes J, Larive B, Leung J, Poole D, Rocco M and the HEMO Study Group. Oral enteral supplement use during baseline in the HEMO Trial. First World Congress of Nephrology Meeting, San Francisco, California, October 12-17, 2001.
137. Dwyer JT, Bergen C, Daugirda J, Larive B, Leung J, Rocco M and the HEMO Study Group. Baseline associations between estimated resting metabolic rate and energy intake in the Hemodialysis (HEMO) Study. First World Congress of Nephrology Meeting, San Francisco, California, October 12-17, 2001.

138. Kaysen GA, Daugirdas JT, Greene T, Kimmel PL, Levin NW, Radeva M., Schulman GW, Toto RD and the HEMO Study Group. C reactive protein levels greater than 13 mg/dL and enPCR less than 1 are associated with reduced serum creatinine and albumin in hemodialysis patients. First World Congress of Nephrology Meeting, San Francisco, California, October 12-17, 2001.
139. Kaysen GA, Dubin J, Muller W, Mitch W, Levin N and the HEMO Study Group. Fibrinogen levels correlate independently with albumin synthesis and levels of acute phase proteins in hemodialysis patients. First World Congress of Nephrology Meeting, San Francisco, California, October 12-17, 2001.
140. Kaysen GA, Dubin J, Muller H, Mitch W, Levin N and the HEMO Study Group. Albumin concentration is regulated in hemodialysis patients by nutritional alteration of albumin synthesis and increased albumin catabolism caused by inflammation. First World Congress of Nephrology Meeting, San Francisco, California, October 12-17, 2001.
141. Rocco M, Owen W, Greene T, Radeva M, Delmez J, Kaufman A, Kusek J, Ornt D, Eknoyan G and the HEMO Study Group. Predictors of elevated c-reactive protein levels in chronic hemodialysis patients: results from the HEMO Study. First World Congress of Nephrology Meeting, San Francisco, California, October 12-17, 2001.
142. Appel LJ, Bakris G, Douglas-Baltimore J, Greene T, Kopple J, Massry S, Wang X for the AASK Research Group. The relationship between achieved blood pressure and renal outcomes in the African American Study of Kidney Disease (AASK). American Society of Nephrology 35th Annual Meeting, Philadelphia, Pennsylvania, October 30-November 4, 2002.
143. Lea J, Bakris G, Greene T, Hebert L, Lipkowitz M, Massry S, Middleton J, Miller E, Rostand S, Smith W for the AASK Study Group. Association of baseline proteinuria and GFR with progression of kidney disease in the African American Study of Kidney Disease (AASK). American Society of Nephrology 35th Annual Meeting, Philadelphia, Pennsylvania, October 30-November 4, 2002.
144. **Lewis J**, Greene T, Appel L, Contreras G, Douglas J, Lash J, Toto R, Van Lente F, Wright J for the AASK Study Group. Effects of interventions on outcomes based on serum creatinine in the African American Study of Kidney Disease (AASK). American Society of Nephrology 35th Annual Meeting, Philadelphia, Pennsylvania, October 30-November 4, 2002.
145. Middleton J for the AASK Study Group. Renal outcomes in the context of an acute GFR effect of dihydropyridine CCBs in the African American Study of Kidney Disease (AASK). American Society of Nephrology 35th Annual Meeting, Philadelphia, Pennsylvania, October 30-November 4, 2002.
146. Miller ER, III, Appel LJ, Wang S, Bakris GL, Hebert L, Lipkowitz M, Massry S, Middleton J, Rostand S, Smith W for the AASK Study Group. The effect of different blood pressure goals and antihypertensive drug regimes on change in proteinuria: Results from the African American Study of Kidney Disease. American Society of Nephrology 35th Annual Meeting, Philadelphia, Pennsylvania, October 30-November 4, 2002.
147. Eknoyan E. HEMO Trial results. National Kidney Foundation Clinical Nephrology Meetings, Chicago, Illinois, April 17-21, 2002.
148. Cheung A. HEMO Study: Secondary outcomes. 48th Annual Conference of The American Society for Artificial Organs, Manhattan, New York, June 13-15, 2002.
149. Rocco MV. 48th Annual Conference of The American Society for Artificial Organs, Manhattan, New York, June 13-15, 2002.

150. Allon M, Depner TA for the HEMO Study Group. Effect of hemodialysis dose and membrane on infectious outcomes: Results from HEMO Study. American Society of Nephrology 35th Annual Meeting, Philadelphia, Pennsylvania, October 30-November 4, 2002.
151. Benz RL, Pressman RP, Brown J. Does membrane flux or dialysis eKt/V dose affect ESRD-related sleep disorders in hemodialysis patients? An ancillary study of the HEMO Trial. American Society of Nephrology 35th Annual Meeting, Philadelphia, Pennsylvania, October 30-November 4, 2002.
152. Cheung AK, Levey AS for the HEMO Study Group. Effect of dialysis dose and membrane on cardiac outcomes: Results from the HEMO Study. American Society of Nephrology 35th Annual Meeting, Philadelphia, Pennsylvania, October 30-November 4, 2002.
153. Cheung AK, Levin NW for the HEMO Study Group. Effect of high flux hemodialysis membranes on clinical outcomes: Results from the HEMO Study. American Society of Nephrology 35th Annual Meeting, Philadelphia, Pennsylvania, October 30-November 4, 2002.
154. Eknoyan G, Beck GJ, Cheung AK, Daugirdas JT, Greene T, Kusek JW, Allon M, Bailey J, Delmez JA, Depner TA, Dwyer JT, Levey AS, Levin NW, Milford E, Ornt DB, Rocco MV, Schulman G, Schwab SJ, Teehan BP, Toto R for the HEMO Study Group. Effect of dialysis dose and membrane flux on mortality and morbidity in maintenance hemodialysis patients: Primary Results of the HEMO Study. *New England Journal of Medicine* 347:2010-2019, 2002
155. Daugirdas JT, Depner TA for the HEMO Study Group. Association of achieved eKt/V with mortality: An example of dose targeting bias. American Society of Nephrology 35th Annual Meeting, Philadelphia, Pennsylvania, October 30-November 4, 2002.
156. Depner TA, Daugirdas JT for the HEMO Study Group. Does gender influence the effect of dialysis dose on mortality? Results of the HEMO Study. American Society of Nephrology 35th Annual Meeting, Philadelphia, Pennsylvania, October 30-November 4, 2002.
157. Eknoyan G, Greene T for the HEMO Study Group. Primary Results from the HEMO Study. American Society of Nephrology 35th Annual Meeting, Philadelphia, Pennsylvania October 30-November 4, 2002.
158. Meyer K, Benz R for the HEMO Study Group. Quality of life outcomes in the HEMO Study. American Society of Nephrology 35th Annual Meeting, Philadelphia, Pennsylvania, October 30-November 4, 2002.
159. Rocco M, Dwyer J for the HEMO Study Group. Effect of dose and flux interventions on nutritional parameters: Results from the Hemodialysis Study. American Society of Nephrology 35th Annual Meeting, Philadelphia, Pennsylvania, October 30-November 4, 2002.
160. Eknoyan G, Levin N, Schulman G, Greene T, Cheung A, Daugirdas J. The HEMO Study - Primary Outcomes. . Invited Session. American Society of Nephrology 35th Annual Meeting, Philadelphia, Pennsylvania, October 30-November 4, 2002.
161. Ornt D, Depner T, Rocco M, Meyer K. The HEMO Study - Secondary Outcomes. Invited Session. American Society of Nephrology 35th Annual Meeting, Philadelphia, Pennsylvania, October 30-November 4, 2002.

162. Daugirdas J, Greene T, Depner T, Chumlea C, Rocco M, and Chertow G. Anthropometric formulas for total body water overestimate urea volume in hemodialysis patients: Effects of age, race, and gender. *Kidney International*, 64: 1108-1119, 2003.
163. Sika M, **Lewis J**, Douglas J, Erlinger T, Dowie D, et al. – Baseline Characteristics of the African American Study of Kidney Disease and Hypertension (AASK) Participants. ASN, 2005.
164. Appel L, Wright JT, Wang X, Agodoa LY, Phillips RA, Lipkowitz M, **Lewis JA**, Bakris G, Contreras G, Gassman J, Kusek JW, Thornley-Brown D, Hiremath L. Rahman M for the ASSK Study Group. Progression of hypertensive kidney disease in the AASK and AASK Cohort Study. ASH Annual Meeting, 2008.
165. Persson, F, Capone, D, **Lewis J**, Poster. Aliskiren Provides Additional Renin-Angiotensin-Aldosterone System Control In Combination with Losartan and Optimal Antihypertensive Therapy in Patients with Type 2 Diabetes and Nephropathy. Poster, World Congress of Nephrology, Milan 2009
166. Hans-Henrik Parving, Frederik Persson, Julia B. Lewis, Edmund J. Lewis, Norman K. Hollenberg Dept. of Medical Endocrinology, Rigshospitalet, Copenhagen, and the Faculty of Health Sciences, Aarhus University, Aarhus, Denmark; Steno Diabetes Center, Gentoft. Impact of Baseline Renal Function on the Efficacy and Safety of Aliskiren Added to Losartan in Patients with Type 2 Diabetes and Nephropathy. EASD, Vienna 2009
167. Sinsakul M, Sika M, Koury M, Smith M, Greene T, Korbet S, **Lewis JB** for the Collaborative Study Group and Keryx Biopharmaceuticals. Poster. Iron Absorption With Higher Doses of Ferric Citrate in Controlling Serum Phosphorus in ESRD Patients; NKF 2010 Spring Clinical meetings April 13-17, Orlando, FL.
168. Sinsakul M, Korbet S, Greene T, Sika M, **Lewis JB** for the Collaborative Study Group and Keryx Biopharmaceuticals. Poster. The Safety and Tolerability of Higher Doses of Ferric Citrate in Controlling Serum Phosphorus in ESRD Patients; NKF 2010 Spring Clinical meetings April 13-17, Orlando, FL.
169. Parving HH, Persson F, **Lewis JB**, Lewis EJ,. Aldosterone reduction during 24 weeks of treatment with aliskiren or placebo added to losartan in patients with type 2 diabetes and nephropathy. An AVOID substudy. Annual Meeting in Stockholm. September, 2010.
170. Parving HH, Persson F, **Lewis JB**, Lewis EJ. Aliskiren reduces albuminuria independent of baseline blood pressure in combination with losartan in patients with type 2 diabetes and nephropathy. Poster. Annual Meeting in Stockholm. September, 2010.
171. Alves, T, Packham D, Heerspink HJL , **Lewis JB**, Dwyer J,J. Awareness of CKD, Racial Disparities in CKD, GN, and CKD. Poster. ASN Annual Meeting, November, 2010.
172. Smita Padala; Hocine Tighiouart; Lesley A. Inker, MD, MS; Gabriel Contreras; Gerald Beck; **Julia Lewis**; Michael W Steffes; Roger Rodby; Christopher Schmid; Andrew Levey. Accuracy of a Glomerular Filtration Rate Estimating Equation over Time in People with a Wide Range of Kidney Function. ASN 2011 Philadelphia
173. Persson, F., Lewis, JB, Capone, D. Poster. Aliskiren added to losartan has beneficial effects across different levels of albuminuria in hypertensive patients with type 2 diabetes and nephropathy: The AVOID study. ASN 2011 Philadelphia

SELECTED INVITED LECTURES

1. "Epidermal Growth Factor (EGF) and the Kidney" International Society of Nephrology, July, 1987.
2. "Type I Diabetes in the Kidney" Mid-South Diabetes Conference, Nashville, Tennessee, November, 1990.
3. "Ischemic Renal Disease" Internal Medicine Society, Erlanger Hospital, Chattanooga, Tennessee, May, 1991.
4. "Diabetic Nephropathy" University of Alabama, Birmingham, Alabama, May, 1991.
5. "EGF and the Kidney" University of Alabama, Birmingham, Alabama, May, 1991.
6. "Diabetes and the Kidney" Sixth Annual Diabetes Mellitus Conference, Nashville, TN, September, 1991.
7. "Diabetic Nephropathy" Memorial Medical Center, Savannah, Georgia, November, 1991.
8. "Ischemic Renal Disease" Memorial Medical Center, Savannah, Georgia, November, 1991.
9. "Diabetic Nephropathy" Renal Symposium for the Kidney Foundation of the Greater Chattanooga Area, Chattanooga, Tennessee, April 7, 1992.
10. "Diabetic Nephropathy" Kingsport Physician Association, Kingsport, Tennessee, May 21, 1992.
11. "Ischemic Renal Disease" Kingsport Physician Association, Kingsport, Tennessee, May 21, 1992.
12. "Diabetic Nephropathy" Twentieth Annual Physician Assistant Conference, Nashville, Tennessee, May 24, 1992.
13. "Diabetic Nephropathy" Meharry Medical College Grand Rounds, Nashville, Tennessee, May 27, 1992.
14. "Diabetic Nephropathy" Coffee County Medical Center Semi-Annual Conference, Manchester, Tennessee, June 8, 1992.
15. "Ischemic Renal Disease" Shelbyville Physician Association, Shelbyville, Tennessee, July 23, 1992.
16. Visiting Guest Professor to Memorial Medical Center, Savannah, Georgia, August 10-14, 1992.
17. "Ischemic Renal Disease" Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois, August 17, 1992.
18. "Diabetic Nephropathy" Methodist Hospital of Memphis, Tennessee, February 10, 1993.
19. "Arachidonate Metabolites from the Cytochrome P-450 Pathway are Elevated in the Urine of Patients with Hypertension" Poster Presentation, XIIth International Congress of Nephrology, Jerusalem, Israel June 14, 1993.
20. "Progression of Renal Disease" Symposium, Tiberias, Israel, June 20-22, 1993.
21. "Diabetic Nephropathy" Bethesda Hospital of Cincinnati, Ohio, July 13, 1993.

22. "Diabetic Nephropathy: Results of the Latest Clinical Trials with ACE-inhibitors" Jewish Hospital of Cincinnati, Ohio, September 14, 1993.
23. "Diabetic Nephropathy: Results of the Latest Clinical Trials with ACE-inhibitors" Medical Grand Rounds, Michael Reese Hospital, Chicago, Illinois, October 13, 1993.
24. "Diabetic Nephropathy: Results of the Latest Clinical Trials with ACE-inhibitors" Grand Rounds, North Shore University Hospital, Manhasset, New York, April 8, 1994.
25. "The Pathophysiology of Diabetic Nephropathy" American Diabetes Association "The Harold Rifkin Open Meeting" New York University Medical Center, New York City, April 9, 1994.
26. "The Effect of Angiotensin Converting Enzyme Inhibition in Type I Diabetes" 95th Annual Meeting of American Society for Clinical Pharmacology and Therapeutics, New Orleans, Louisiana, March 31, 1994.
27. "The Effect of Angiotensin Converting Enzyme Inhibition in Type I Diabetes" "International Symposium on Prevention and Treatment of Diabetes Related Nephropathy." May 27, 1994, Copenhagen, Denmark.
28. "Diabetic Nephropathy" American Society for Clinical Laboratory Science, Nashville, Tennessee, June 20, 1994.
29. "The Effect of Angiotensin Converting Enzyme Inhibition in Type I Diabetes" North American Society for Dialysis and Transplant 13th Annual Meeting, Hawaii, August 1-4, 1994.
30. "The Effect of Angiotensin Converting Enzyme Inhibition in Type I Diabetes" 29th Annual Southeastern Dialysis and Transplantation Association Conference, Memphis, Tennessee, August 14, 1994.
31. "Current Advances in the Management of Patients with Insulin-Dependent Diabetes Mellitus" Euroforum on Strategies for Delaying the Progression of Renal Disease, San Lorenzo de El Escorial, Spain, September 9-11, 1994.
32. "Strategies for Primary and Secondary Prevention of Nephropathy in Patients with Diabetes Mellitus" Euroforum on Strategies for Delaying the Progression of Renal Disease, San Lorenzo de El Escorial, Spain, September 9-11, 1994.
33. "Treatment of Hypertension in Women with Renal Disease" National Kidney Foundation Symposium on Women's Health Issues, Orlando, Florida, October 25, 1994.
34. "Medical Management of Nephropathy in Type I Diabetes Mellitus" American Society of Nephrology Annual Meeting, Orlando, Florida, October 29, 1994.
35. "The Effect of ACE Inhibition on Diabetic Nephropathy" Diabetes Symposium, Royal College of Surgeons, Dublin, Ireland, November 18, 1994.
36. "Diabetic Nephropathy and the ACE Inhibitor Trial" Diabetes and the Kidney Symposium, Sydney, Australia, May 26-28, 1995.
37. "Recent Trials in Nephrology: Clinical Trials in Diabetic Nephropathy" XIIIth International Congress of Nephrology, Madrid, Spain, July 3, 1995.

38. "Prevalence of sodium modifications in hypertensive patients with compromised renal function" (MDRD Study Group). American Dietetic Association 78th Annual Meeting, Chicago, Illinois, October 30-November 2, 1995.
39. "Updates in Hypertension: Hypertension in Women" 45th Annual Meeting of the National Kidney Foundation, San Diego, California, November 3, 1995.
40. "Short-term effects of protein intake, blood pressure, and antihypertensive therapy on GFR in the MDRD Study" (MDRD Study Group). 28th American Society of Nephrology Annual Meeting, San Diego, California, November 5-8, 1995.
41. "ACE Therapy in Progression of Diabetic Nephropathy" and "Hypertension in Women" Monash Medical Centre Annual Scientific Meeting, Melbourne, Australia, November 23-24, 1995.
42. "The US Mortality and Morbidity of Hemodialysis (HEMO) Study" Design and Results of the Pilot Phase. 6th Asian-Pacific Congress, Hong Kong, December 5-9, 1995.
43. "Diabetic Nephropathy" Update 1996 Symposium, National Kidney Foundation of Southeast Texas, Inc., Houston, Texas, February 23, 1996.
44. "Therapeutic Interventions in Diabetic Nephropathy - Type I and II" The Sixth International Symposium on Cardiovascular Pharmacotherapy, Sydney, Australia, February 26-29, 1996.
45. "Special Concerns for the Diabetic Patient." The Fifth Annual Spring Clinical Nephrology Meetings, National Kidney Foundation, Anaheim, California, April 25-28, 1996.
46. "Diabetic Nephropathy" and "Factors in the Progression of Renal Disease" Specialty Review in Nephrology, National Center for Advanced Medical Education, Chicago, Illinois, October 7-11, 1996.
47. "Clinical Diabetic Nephropathy" Moderator, 29th Annual Meeting Journal of American Society of Nephrology, New Orleans, Louisiana, November 3, 1996
48. "Diabetic Nephropathy, Natural History and Therapeutic Intervention," Internal Medicine Grand Rounds, University of Kentucky, Lexington, Kentucky, November 20, 1996.
49. "Hypertension in Women" Internal Medicine Grand Rounds, Erlanger Medical Center, University of Tennessee, Chattanooga, Tennessee, March 24, 1997.
50. "Management of Hypertension: Do Women Need Different Therapy?" Medical Grand Rounds and Renal Ground Rounds, Rhode Island Hospital, Providence, Rhode Island, April 8, 1997.
51. "New Update on Treatment of Diabetes" 45th Annual Scientific Assembly, West Virginia Chapter American Academy of Family Physicians, Charleston, WV, April 18-20, 1997.
52. "Office Approach to Proteinuria in the Managed Care Environment" 25th Annual Spring Update Advances in Internal Medicine, Ann Arbor, Michigan, April 28-May 2, 1997.
53. "Diabetic Nephropathy" Internal Medicine Grand Rounds, Henry Ford Hospital and Medical Centers, Detroit, MI, May 8, 1997.
54. "Diabetic Nephropathy" and "Factors in Progression of Renal Disease." Nephrology Units, Republic of Singapore, June 13, 1997.

55. "What Should the Blood Pressure Levels for Initiation of Treatment and for the Goal of Treatment Be?" 57th Scientific Session of American Diabetes Association, Boston, MA, June 23, 1997.
56. "Acid-Base Problems" American College of Chest Physicians, 6th National Critical Care Medicine Review Course, San Diego, CA, July 1-2, 1997.
57. "Disorders of Sodium Metabolism" American College of Chest Physicians, 6th National Critical Care Medicine Review Course, San Diego, CA, July 1-2, 1997.
58. Novartis – East Hanover , NJ – Present results – request 8/14/97
59. "Acid-Base" & "Acid-Base Problems" - 6th National Critical Care Review Course 9/7/97.
60. "Effects of Irbesartan on Renal Events in Diabetics" - Collaborative Study Meeting – Palm Beach, Fla. 9/12/97.
61. "ACE Inhibitors in Non-diabetic Renal Failure" ASN 1997 Invited lecture.
62. "Ischemic Renal Disease" - Grand Rounds - Rush Presbyterian Hospital – Chicago, IL 1/14/98.
63. "Microalbuminuria As A Marker For Progression of Renal Disease" Seventh Annual Spring Clinical Nephrology Meetings – Nashville, TN 3/28/98.
64. "ACE – Inhibition in Non-Diabetic Renal Disease" and "Hypertension in Women" - Cleveland Clinic Foundation – Cleveland, OH – "April 30 – May 1, 1998.
65. "Diabetic Renal Complications" St Francis Hospital – Memphis, TN 5/8/98.
66. "Atherosclerotic Ischemic Renal Disease" and "Diabetic Nephropathy" - Philadelphia Graduate Hospital – 2 Grand Rounds - Philadelphia, PA 5/27/98.
67. "Hypertension in Women" Grand Rounds - Illinois Masonic Medical Center – Chicago, IL 7/24/98.
68. "Diabetic Nephropathy in Type II DM" – Geriatric Education Retreat – Jasper Lodge, Canada 8/2/98
69. "Diabetic Nephropathy: Pathophysiology, Diagnosis and Therapy" – ASN Board Review Course – San Francisco, CA 9/1/98
70. "Diabetic Nephropathy" - Lankenau Hospital, Philadelphia, PA 2/12/99
71. "The Presentation and Course of Type II Diabetic Nephropathy: Myths and Facts" – Rush/Presbyterian Hospital, Chicago, IL 2/15/99
72. "Targeting the Kidney: AIIRAs in Renal Disease" – 9th European Meeting on Hypertension, Milan, Italy 6/11/99
73. "Strategies for Arresting the Progression of Chronic Renal Disease" – 26th Annual Renal Disease and Electrolyte Disorders Conference, Aspen, CO 7/26/99.
74. "Diabetic Nephropathy: Pathophysiology, Diagnosis and Therapy" – ASN Renal Week Board Review Course, San Francisco, CA 8/31/99.
75. "Lessons from the MDRD/Captopril Trials" – NIH/NIDDK Women in Renal Disease, Bethesda, MD 9/15/99.

76. "Renin Angiotensin System Antagonism in Diabetic Renal Disease" ASN 32nd Annual Meeting, Miami, FL 11/05/99.
77. "Literature Review and Update: Diabetes: The Kidney and More" ASN 32nd Annual Meeting, Miami, FL 11/07/99.
78. "Targeting High-Risk Hypertensive Patients with RAS Blockade" 72nd Scientific Sessions of the American Heart Association, Atlanta, GA 11/07/99.
79. "AIIRA Morbidity/Mortality Studies in Hypertension and Diabetes" High Risk Hypertension: A Global Update sponsored by the American Society of Hypertension, Barcelona, Spain, 2/00.
80. "Diabetes & Hypertension: Blood Pressure Control Benefits & Consequences. Morbidity/Mortality Studies in Hypertensive Patients with Diabetes" High Risk Hypertension, A Global Update and "Treating High-Risk Hypertensives: PRIME: The Program for Irbesartan Morbidity/Mortality Evaluations." Phuket, Thailand 6/00.
81. "Treating High-Risk Hypertensive Patients: The Program for Irbesartan Mortality and Morbidity Evaluations (PRIME)" The Critical Link Between Hypertension and Diabetes: Evidence Based Medicine and Emerging Options, The European Association for the Study of Diabetes, Jerusalem, 9/00.
82. "Use of AII Receptor Blockers" VI th International Symposium on Hypertension and Renal Disease in the Diabetic Patients, Dead Sea, Israel, 9/00.
83. "Diabetic Nephropathy - Mechanisms and Management," "Complex Issues in Diabetic Nephropathy" "Diabetic Nephropathy: Lessons from the Clinical Trials." NephroAsia 2001, Singapore, 6/01.
84. "Controlled Trials in Type 2 Diabetic Nephropathy" "Diabetic Kidney Disease: Design and Interpretation of Longitudinal Studies." Clinical Trials in Diabetic Nephropathy: Intervening to Slow the Progression of Diabetic Nephropathy. The Irbesartan Diabetic Nephropathy Trial." ASN 34th Annual Meeting San Francisco, CA 10/01.
85. "Ischemic Nephropathy: What's the Right Approach?" and " The AASK Results." Hong Kong Society of Nephrology Scientific Symposium, Hong Kong, 5/02
86. "The Role of Angiotensin II Receptor Blockers in the Prevention of Cardiovascular Events and Progressive Diabetic Renal Disease" Hypertension Control in Clinical Practice, Long Beach, CA, 4/03.
87. "New Treatments in Hypertensive Diabetic Nephropathy" Grand Rounds, Missouri Baptist, 5/03.
88. "Diabetic Nephropathy" Renal Grand Rounds, University of Pennsylvania, 10/03.
89. "Evidence Based Benefits of AIIRAs in Hypertensive Diabetics" European Society of Hypertension Annual Meeting, Milan Italy, 6/03.
90. "Clinical Implications in Treatment of Diabetic Hypertensives" 18th International Diabetes Federation Congress, Paris, France, 8/03.
91. Heart & Kidney Symposium, Seattle, Washington, 12/03.
92. " Role of Angiotensin" Heart & Kidney 2004, Cambridge Mass, 3/04

93. "Natural History and Treatment of Diabetic Nephropathy" NKF Symposium, Charlottesville, VA 3/04
94. "Microalbuminuria – A Significant Public Health Issue" Press Conference, Taiwan 5/04.
95. "Microalbuminuria in Diabetes: The results and implications of the DEMAND Worldwide Screening Campaign" Hospital Lecture, Taiwan, 5/04.
96. "Diabetic Nephropathy" University of Texas Grand Rounds, 5/04.
97. "Diabetic Nephropathy" Drexel University College of Medicine Grand Rounds, 12/04.
98. "Diabetic Nephropathy" Duke University Grand Rounds, 2/05.
99. "Emerging New Agents in DKD" ASN, 11/05.
100. "Gender Issues in Large Clinical Trails" ASN, 11/05.
101. "Clinical Trials" Rush University Medical Center, Grand Rounds, 4/06.
102. "Diabetic Nephropathy" Duke University Grand Rounds 5/06.
103. "Established Therspy in DKD" Kidney Disease Progression Conference, University of Toronto 9/06.
104. "Diabetic Nephropathy" Mayo Clinical Hospital, Jacksonville, FLA, Grand Rounds 2/08
105. "Effect of Blood Pressure Control on Renal Outcomes" ASN, 10/09
106. "Update Goals of Therapy for Patients with Diabetes" ASN, 10/09
107. "Diabetic Nephropathy" American Society of Nephrology BRCU, San Francisco, CA, 8/10.
108. "Update on the Goals of Therapy for Patients with Diabetes" Grand Rounds, Rush University Medical Center, Chicago, IL 10/10.
109. "Ongoing Trials and New Therapies in Diabetic Nephropathy" World Congress of Nephrology, Vancouver, Canada 4/11.
110. "Protocol Overview and Timelines" EU/Israel CRA Training & Investigators' Meeting, Budapest, Hungary 6/11.
111. "Prevent or Intervention to Slow Progression?" CKD Conference, Bethesda, Maryland 7/11.
112. "Diabetic Nephropathy" American Society of Nephrology BRCU, San Francisco, CA, 8/11.
113. "Protocol Overview and Timelines" LILLY-GFRF Training & Investigator's Meeting, Sydney, Australia 9/11
114. "Introduction to the Open-Label Long-Term Safety Extension Protocol" Investigator Meeting for KRX-0502-304. Las Vegas, NV Oct 2011
115. "Chronic Kidney Diseases: Epidemiology, Outcomes – III, ASN, Philadelphial, PA Nov. 2011
116. "Renal Function Simple But Not Really" Food and Drug Administration, Silver Springs, MD Feb 2012

117. "Effect of Blood Pressure control on Renal Outcomes" University of Chattanooga, Chattanooga, TN
Mar 2012
118. "The purpose and role of an FDA Advisory Committee" Vanderbilt MSCI Students, Jun 2012