**Sharon G. Adler, M.D.  
Professor of Medicine   
Department of Medicine  
Chief, Division of Nephrology and Hypertension**

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| Office Address: | 1124 W. Carson St. C-1 Annex  Torrance, CA 90502-2064 |
| Office Phone: | (310) 222-3891 |
| Fax: | (310) 782-1837 |
| Lab Address: | Same as office |
| Email Address: | [sadler@labiomed.org](mailto:sadler@labiomed.orgt) |

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| Education: |  | Barnard College, B.A., 1972  SUNY Downstate, M.D., 1976  Long Island Jewish Medical Center,  Medicine Internship 7/76 - 6/77  Loma Linda University Medical Center,  Medicine Resident, 7/77 - 6/79  Loma Linda University Medical Center,  Medicine Chief Resident, 7/79 - 6/80  Harbor-UCLA Medical Center, Nephrology  Research Fellow, 7/80 - 6/82  Harbor-UCLA Medical Center, Nephrology  Clinical Fellow, 7/82 - 6/83 |
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| Board certification: |  | American Board of Internal Medicine, 1979; Nephrology, 1984 |
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| Professional  experience: |  | Harbor-UCLA Medical Center, Division of Nephrology, Staff, 7/83 - present.  Adjunct Assistant Professor of Medicine, UCLA School of Medicine, 7/83 - 6/90.  Adjunct Associate Professor of Medicine, UCLA School of  Medicine, 7/90 - 6/30/96.  Adjunct Professor of Medicine, UCLA School of Medicine, 7/1/96 - 6/30/2002  Professor of Medicine, UCLA School of Medicine, 7/1/2002 - present  Associate Director, Division of Nephrology and Hypertension, 3/4/91 - present.  Associate Director, Nephrology fellowship training program, 1991 - present.  Acting Chief, Division of Nephrology and Hypertension, March 2006-October 2006  Program Director, Nephrology fellowship training program, July 2007-present  Chief, Division of Nephrology and Hypertension\*, July 2007 – present |
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| Professional  activities: |  | **National Kidney Foundation of Southern California** - Scientific Activities Council-Executive, Nominating and Research Committees; Organized scientific session for volunteers at yearly volunteer meeting, 6/85. Vice-Chair, Scientific Symposium, 1988; Chair, Scientific Symposium, 1989; Secretary of Scientific Advisory Council, 1988 - 1990; Member-at-large, Medical Advisory Board Executive Committee, 1990 - 1994. Vice-Chair, Board of Directors Los Angeles Region, 1994. Director, Join Hands for Health. Volunteer Screening Clinic for Hypertension and Kidney Diseases; [Chair, Research Committee 2004-present].  **National Kidney Foundation** - Study section member for awarding of research fellowships, 1989 - 1993. Scientific Advisory Board, 1993 - 1995. Vice-Chair of Scientific Advisory Board, 1996 - 1998. Chair Scientific Advisory Board, 1998 - 2000; Member Executive Committee of Glomerulonephritis Council 1998 - 2000. Member Research Endowment Board, 1998 - 2000. Member, President’s Advisory Council, 1998 – 2000. Initiated and directs a program to bring Internal Medicine and Pediatrics residents interested in but not committed to a Nephrology training program to the NKF Spring Clinical Meeting (since ~2000); [Member Board of Directors Kidney Disease Initiative Global Outcomes (KDIGO) 2008-11]  **American Society of Nephrology** –  Postgraduate Education Committee, 1992 - 1994. Abstract reviewer-ad hoc 1986 - 2004.  Training Program Director’s Executive Committee 1998 - 2000. Consensus Conference for Research Directions: Diabetic Nephropathy Section. February 4, 2000 and [November 15-16, 2004].  Transplant Training Programs Review Committee, 1998 - 2000. Government Relations Committee - Congressional Lobby, September 15, 2000.  Chair-ASN sessions 2000,[2004, 2005];  Member-Clinical Science Committee, 2001-04, Co-chair, 2004-06; [Chair2006-10]  [Member, Board of Advisors, 2006-10]  [Associate Editor, Diabetic Nephropathy section, Clinical Journal of the American Society of Nephrology (CJASN)]; [Fellow of the ASN, 2005]  [Chair, Clinical Diabetic Nephropathy abstract review group for ASN national meeting, 2006]  [ASN Representative: Meeting concerning dialysis provision (Disaster Coalition) during disasters. January 2006]  [ASN Representative; Meeting concerning facilitation of research by academic physicians in dialysis facilities. March 2006]  [ASN National meeting Program Committee for 2008]  **American College of Physicians** - Credentials Committee for Southern California Region I, 1993 - 1997; Governor's Advisory Committee, 1993 - 1998.  **Accreditation Council for Graduate Medical Education.** Pre-reviewer for Nephrology fellowship training programs 1994- 1998.  **American Heart Association** - Grant in Aid Study Section. 2/24-25/94.  **Juvenile Diabetes Foundation** - Medical Science Review Committee - 8/94 - 6/98; 8/99 - 6/01; [Innovative grant review committee-Nov 2004-2006]  **American Board of Internal Medicine** –Committee for developing the practice module for Hypertension. 2001.  Nephrology Subspecialty Board Member. 2002 - 2008  **National Institutes of Health, NIDDK** - Ad Hoc reviewer, ll/95. Speaker, Consensus conference on oxidative stress in diabetic nephropathy. October 23, 2000.  [**Foundation for the National Institutes of Health.** Biomarkers Consortium Kidney Safety Project Adjudication Committee. July 2011]  [**North American Artery Association.** Member, Board of Directors. 2011-].  **Alexion Pharmaceuticals** - Member, Advisory Committee for Membranous nephropathy, 2002  **Novartis Pharmaceuticals** – Consultant, 2002  **La Jolla Pharmaceuticals-**Consultant. 2004  **Fibrogen Pharmaceuticals**-Consultant. 2004  [**Lilly Pharmaceuticals**-Consultant. 2005. 2011-15]  **Sigma Tau Pharmaceuticals**-Consultant. 2005.2010  **Aspreva Pharmaceuticals**-Consultant. 2005-2009  **Genentech Pharmaceuticals**-Consultant. 2005-2010  **Genzyme Pharmaceuticals**-Consultant. 2008-2010  **Bristol Myers Squibb/Astra Zeneca**-Consultant. 2008  **[Tengion Pharmaceuticals**. Consultant. 2011**]**  **[Concert Pharmaceuticals.** Consultant. 2011**]**  **International Congress of Nephrology.** Member, Extended Planning Committee for the meeting of the World Congress of Nephrology in Singapore, June 2005  **State of the Art Nephrology Course, Singapore.** Organizing Committee, 2002, 2004, 2006, [2008]  Member - American Society of Nephrology; International Society of Nephrology; American College of Physicians;  National Kidney Foundation; Juvenile Diabetes Foundation; American Heart Association. |
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| Reviewer: |  | JASN, American Journal of Nephrology, Kidney  International, American Journal of Kidney Diseases, Diabetes, Nephron, Nephrology Dialysis, Transplantation.  MKSAP CKD Section of Nephrology. 2008 |
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| Editorial Board: |  | American Journal of Nephrology, 1989 - 1991  American Journal of Kidney Diseases, 1997 – 2001; 2004 -2006  Yonsei Medical Journal-Editorial Advisory Board, 2002 – present  CJASN: Associate editor for diabetic nephropathy. 2005-2010. [Editorial Board 2011-14]  [Clinical Nephrology: Editorial Board for Glomerulonephritis] |
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| Honors and Special  Awards: |  | Regents Scholarship, 1968-72  Barnard College Dean's list, 1970-72  Harbor-UCLA Collegium Research Award, 1984 |
|  |  | Los Angeles Magazine, 11/96, [12/08], Best Doctors in L.A  [Southern California Super Doctors 2008, 2009, 2010]  [Best Doctors in America - Pacific Region, 1996 - 2013]  [US News Top Doctors. 2012]  [Castle Connolly Top Doctors. 2012, 2013]  [Top Women Southern California Super Doctors. October, 2011, Los Angeles magazine]  [Guide to America’s Top Physicians, Consumer’s Research Council, 2008]  [US News and World Report Top Doctors. 2012, 2013]  [Leading Health Professionals of the World, 2005, 2013]  Priscilla Kincaid Smith Visiting Professor, 1989  Juvenile Diabetes Research Foundation Mary Jane Kugel award-2001  Member, American Board of Internal Medicine Nephrology Board, 2002-2008  Khoo Oon Teik Distinguished Visitor in Nephrology, awarded  by the National University of Singapore and the National Health Ministry, to assist Singaporean physicians and scientists to develop high quality disease prevention and research programs. January-December 2003  Research and Education Institute-Midcareer research award for female faculty. June 2003  National Kidney Foundation of Southern California-Spirit of Nephrology award. June 2004  Western Association of Physicians, member, January 2005  Visiting Professor. Lisbon Society of Nephrology. November 24-25, 2005  Visiting Professor. University of Texas Health Sciences Center at San Antonio. February 7-8, 2006  Co-Chair Renal Weekend in Los Angeles, CA for the ASN, February 2007  Visiting Professor: Hospital de Especialidades. Guadalajara, Mexico. September 11, 2007  Visiting Professor: Case Western Reserve University Metro Health Center. May 21-23, 2008  Visiting Professor: Mayo Clinic, November 16-17, 2009  [Recipient of the National Kidney Foundation Donald Seldin Award, April 2011] |

**Research Grants and Fellowships Received:**

1. Juvenile Diabetes Foundation. Extracellular matrix turnover in human diabetic nephropathy. P.I. S. Adler. $100,000. 9/96 - 8/98.
2. Juvenile Diabetes Foundation. Importance of ultrafiltered insulin-like growth factors in diabetic nephropathy. P.I. R. Hirschberg. Co-I. - S. Adler. $100,000. 9/96 - 8/98.
3. American Diabetes Association. Pathogenesis of diabetic nephropathy. P.I. - S. Adler. $100,000. 1/1/96 - 12/31/97.
4. Alteon, Inc. A placebo-controlled safety and efficacy study of aminoguanidine in patients with Type 2 diabetes and nephropathy. Multicenter trial, P.I. - S. Adler. $406,000. 2/95 - 1/99.
5. Alteon Inc. A placebo-controlled safety and efficacy study of aminoguanidine in patients with Type 1 diabetes and diabetic nephropathy. Multicenter trial, P.I. - S. Adler. $396,000. 2/95 - 1/99.
6. Sigma Tau, Inc. Carnitine and exercise capacity in hemodialysis patients: A multicenter, prospective randomized trial. S. Adler - P.I. of multicenter trial and local P.I. Local funds approximately $300,000. 1/31/97 - 9/98.
7. National Institutes of Health. National Research Service Award. Inhibition of type IV collagen prevents proliferation. S. Adler, Mentor. $60,000, 9/15/94 - 9/14/96.
8. Anonymous donor. P.I. - Sharon Adler. Studies in nephrology. $10,000.
9. National Institutes of Health. P.I.-Sharon Adler. The role of the mesangial cell in the development of glomerulosclerosis. $315,000/5 years. Funded 3/1/88 - 2/28/93.
10. Research and Education Institute. P.I. - Sharon Adler. Glomerular mRNA and protein expression in the diabetic rat. $4,000/year. Funded 10/1/92 - 9/30/93 with one year no cost extension.
11. American Heart Association - Greater Los Angeles Affiliate. P.I.-Sharon Adler. Collagen IV synthesis inhibition in glomerular cells in vitro. $60,000/2 years. Funded 7/1/93 - 6/30/95.
12. National Kidney Foundation of Southern California. P.I. - Sharon Adler. Studies of mesangial cell function in vitro. $2,000. 7/85 - 6/86.
13. Harbor-UCLA Medical Center. P.I. - Sharon Adler. Functional and phenotypic characteristics of the cultured mesangial cell. $3,000. 7/86 - 6/87.
14. Harbor-UCLA Medical Center Institute Equipment Grant. P.I. - Sharon Adler. $6,000. 11/84.
15. REI Harbor-UCLA Medical Center. P.I. - Sharon Adler. Renal Estrogen Receptors and SLE. $3,000. 10/83 - 9/84.
16. Research and Education Institute (REI), Harbor-UCLA Medical Center. P.I. - Sharon Adler. Experimental glomerulonephritis. $3,000. 4/81 - 3/82.
17. Harbor-UCLA Collegium Research Award. P.I. - Sharon Adler. $15,000. 7/84 - 6/86.
18. Searle Arthritis and Prostaglandin Research Challenge. Co-investigator - Sharon Adler. Misoprostol inhibition of cyclosporine nephrotoxicity molecular and cellular mechanisms. $65,000. Funded 8/91 - 7/93.
19. American Heart Association. Co-investigator - Sharon Adler. Mechanisms of injury in cyclosporine nephrotoxicity. $80,000. Funded 8/91 - 7/93.
20. Squibb Pharmaceuticals and National Institutes of Health. Co-investigator - Sharon Adler. Funding based on patient entries. Study on use of Captopril to prevent progression of diabetic nephropathy.
21. National Institutes of Health. Co-investigator - Sharon Adler. Modification of diet in renal disease. 9/85 - 9/92.
22. American Diabetes Association of California. P.I. - Sharon Adler. Diabetic glomerulosclerosis: Defect in extracellular matrix transcription, translation or degradation. $35,000. Funded 7/1/88 - 6/30/89 (no cost extension 7/1/89 - 6/30/90).
23. Sigma-Tau Pharmaceuticals. P.I. - S Adler. Effect of carnitine on exercise capacity in patients with end stage renal disease. Funding based on per patient entry. 1995 - 1998.
24. Sigma-Tau Pharmaceuticals. P.I. - K Sietsema, CoI- S Adler. Intradialytic Muscle Cramps and Lower Extremity Hemodynamics. $22,727. 07/08/99 - 06/30/04.
25. NIH/NIDDK. P.I. – S Adler. Identification of Diabetic Nephropathy Risk Genes. $1,750,000. 09/30/99 - 09/29/04.
26. Alexion Pharmaceuticals, Inc. P.I. - S Adler. A Phase II Randomized Double Blind Placebo-Controlled Study of the Effect of h5G1-1mAb on the Reduction of Proteinuria in Patients with Idiopathic Membranous Glomerulopathy. Funding based on patient enrollment. 02/01/00 - 05/31/01.
27. Alexion Pharmaceuticals, Inc. P.I. - S Adler. An Open-Label Study of the Long-Term Safety of h5g.1-mAb on the Reduction of proteinura in Patients with Idiopathic Membranous Glomerulopathy. Funding based on patient enrollment. 06/29/00 - 06/30/02.
28. Juvenile Diabetes Foundation. P.I. - R Natarajan, CoI-S Adler. Role of 12 - Lipoxygenase in Diabetic Nephropathy. $150,000. 07/01/00 - 06/30/03.
29. Juvenile Diabetes Foundation. P.I. - J Nadler, CoI-S Adler. Novel Pharmacologic Approach to Early Intervention, Islet Cell Transplantation and prevention of Complications in Type I Diabetes. $5,881. 12/01/00 - 07/31/01.
30. Juvenile Diabetes Foundation. P.I. - S Adler. The transition from diabetes to diabetic nephropathy: Failure of an adaptation in podocytes? $552,665. 7/1/01 - 6/30/04.
31. NIH/NIDDK. P. I. - R Natarajan, CoI-S Adler. Role of 12-Lipoxygenase in Diabetic Nephropathy. $150,000.
32. NIH/NIDDK. P.I.-W Goodman, CoI - S Adler. Rapid Progression of Coronary Artery Calcification. $250,000. 07/01/01 - 06/30/06.
33. NIH/NIDDK. P.I. - R Falk. CoI - S Adler. The development of a national collaborative clinical trial group for the treatment of glomerulonephritis. July1, 2003 - June 30, 2004.
34. NIH/NCRR. K23 award. P.I. - R. Mehrotra. Mentor-S Adler. Cardiovascular Disease and Diabetic Nephropathy. 01/04-12/09. Amount: $734,235.
35. NIH/NIDDK. P. I. – SM Mauer. CoI- S Adler. Planning grant to develop a clinical trial utilizing a novel therapeutic agent in addition to ACEi/ARBs to treat microalbuminuric diabetic patients. January 2004-June 2005.
36. Fibrogen Pharmaceuticals. PI at local site-S Adler. A phase 1 trial to test the efficacy of a humanized monoclonal antibody against CTGF as treatment for microalbuminuric diabetic nephropathy. Budget is as per patient recruitment.
37. Aspreva Pharmaceuticals. PI at local site-S Adler. A multicenter Phase III study to test the efficacy of mycophenolate mofetil in the induction and maintenance therapy of lupus nephritis. Budget is as per patient recruitment.
38. American Diabetes Association. PI-S Adler. Delaying/ameliorating diabetic nephropathy by HSP27 overexpression. January 2005-December 2007. $300,000.
39. NIH/NIDDK. R01. P. I. – S. Adler. Single nucleotide polymorphism haplotyping to detect diabetic nephropathy risk. September 2005-August 2009. ~$1,320,000.
40. NIH. PI-M. Seldin. CoI-S. Adler. MA admixture mapping development and application to NIDDM. August 2005-July 2007. subcontract ~$150,000.
41. [NCCAM. R21 PI – S Adler. Efficacy/mechanisms of curcumin in diabetic nephropathy. August 2006-July 2008. $275,000].
42. [JDRF (Fellow-Chamberlin; Mentor: Adler). Attenuation of Proteinuria by Heat Shock Protein 27 Overexpression. 09/01/2007 – 8/31/2008. $42,496/yr].
43. [National Kidney Foundation of Southern California. Fellow-Bancha Satirapoj. Mentor-S Adler. CKD kidneys: Training site for T-cell mediated inflammation? July 1, 2008 – June 20, 2009. $50,000]
44. [National Kidney Foundation of Thailand Training Fellowship. Fellow-Bancha Satirapoj. Mentor-S Adler. Sept 30, 2008- Sept 29, 2010. ~$40,000]
45. [American Diabetes Association. S Adler, PI. Minocycline for the treatment of diabetic nephropathy. 1/1/09 – 12/31/11. $580,000]
46. [Clinical site for NEPTUNE. An NIH-funded consortium to elucidate the pathogenesis of minimal change, focal sclerosis, and membranous nephropathies and to develop a biobank for ancillary studies. PI-Matthias Kretzler. Local PI-S. Adler. 9/09 to 9/14. Funding to local investigator capitated].

**Research Grants Pending:**

None

**Lectures and Presentations:**

1. Research paper presented at American Society of Nephrology. Washington, D.C. December 1983.

2. Research paper presented at American Society of Nephrology. Washington, D.C. November 1981.

3. Tubulointerstitial nephropathies. White Memorial Medical Center. March 1, 1984.

4. Lupus nephritis - prognosis and therapy. St. Francis Hospital. April 11, 1984.

5. Newer serologic and therapeutic maneuvers in lupus nephritis. LAC-USC Medical Center. Los Angeles, CA. May 31, 1984.

6. Four lectures: Drugs and the Kidney-Continuing Education for pharmacists and dentists. May through June 1984.

7. Immunopathogenesis of glomerulonephritis. USC-2nd year medical Students. Los Angeles, CA. January 3, 1986.

8. Multiple myeloma. St. Mary's Medical Center, Noon Conference. Long Beach, CA. January 10, 1986.

9. Update on lupus nephritis. Pediatric Nephrology Grand Rounds - UCLA. Los Angeles, CA. February 5, 1986.

10. Medical Grand Rounds. St. Francis' Hospital. Diet and the progression of renal insufficiency. September 25, 1986.

11. Wadsworth V.A. Research Conference. Properties of the glomerular mesangial cell. Los Angeles, CA. October 24, 1986.

12. Medical Grand Rounds. Martin Luther King Medical Center. Progression of chronic renal insufficiency - effects of diet and pharmacologic manipulation. Los Angeles, CA. December 16, 1986.

13. Pediatric Nephrology Grand Rounds. Update on lupus nephritis. December 17, 1986.

14. Nephrology Grand Rounds - USC. Light chain nephropathy. Los Angeles, CA. December 18, 1986.

15. Renal pathophysiology. 2nd year medical students - USC. Immunopathogenesis of glomerulonephritis. Los Angeles, CA. January 27, 1987.

16. Noon Conference - Diabetes mellitus and the kidney (Attended by fellows, housestaff, students, and attending staff). January 26, 1987.

17. Research in progress talk for Dr. Walter Hörl. Type IV procollagen gene expression in rats undergoing 1 5/6 nephrectomy. January 26, 1987.

18. Research in progress for Dr. Helmut Rennke. Type IV procollagen gene expression in rats undergoing 1 5/6 nephrectomy. February 20, 1987.

19. Pathophysiology of glomerulonephritis: 1) Goodpasture's syndrome; 2) Membranous nephropathy. For UCLA Nephrology fellows and residents and students rotating on UCLA Nephrology service. March 31, 1987.

20. Pediatric Nephrology Grand Rounds - UCLA. Update on lupus nephritis. December 17, 1987.

21. Pathophysiology of glomerulonephritis. Lecture to 2nd year medical students at USC. Los Angeles, CA. January 4, 1988.

22. Harbor-UCLA Medical Center. Medical Grand Rounds. Professors' Clinical Conference. AIDS Nephropathy. Torrance, CA. January 19, 1988.

23. Harbor-UCLA Housestaff/ Faculty Retreat. Economics and the care of indigent patients. Palm Springs, CA. January 30, 1988.

24. Harbor-UCLA Medical Center. Immunology Grand Rounds. Drug hypersensitivity and the kidney. Torrance, CA. February 3, 1988.

25. Systemic diseases and the kidney. Lecture to 2nd year medical students at UCLA. Los Angeles, CA. April 7, 1988.

26. Diabetic nephropathy. Lecture to housestaff at Harbor-UCLA Medical Center. Torrance, CA. April 18, 1988.

27. Harbor-UCLA Medical Center. Medical Grand Rounds. Professors' Clinical Conference. Hypercoagulability in the nephrotic syndrome. Torrance, CA. May 30, 1988.

28. Lecture for the combined UCLA nephrology fellows. Pathophysiology of glomerulonephritis. May 5, 1988.

29. 1st European Review Course on Nephrology and Urology. Two Lectures: 1) Update on glomerulonephritis. 2) Treatment of lupus nephritis. Fiuggi, Italy. May 11, 1988.

30. Children's Hospital of Los Angeles. Pediatric Nephrology Grand Rounds. Extracellular matrix gene expression and the pathogenesis of focal sclerosis. Los Angeles, CA. May 18, 1988.

31. UCLA. Pediatric Nephrology Grand Rounds. Diabetic nephropathy. Los Angeles, CA. May 25, 1988.

32. Loma Linda University Medical Center. Medical Grand Rounds. Lupus nephritis. Loma Linda, CA. July 27, 1988.

33. Update on glomerulonephritis. USC ABIM Board Review course. Los Angeles, CA. August 5, 1988.

34. Harbor-UCLA Collegium Board of Directors' meeting. Glomerulonephritis. Torrance, CA. October 29, 1988.

35. Harbor-UCLA Medical Center. Conference for Harbor housestaff. Metabolic Acidosis and Alkalosis. Torrance, CA. October 20, 1988.

36. Harbor-UCLA Medical Center. Medical Grand Rounds. Professors' Clinical Conference. Thrombotic thrombocytopenic purpura. Torrance, CA. November 8, 1989.

37. Harbor-UCLA Medical Center. In-service for dialysis personnel. Erythropoietin. Torrance, CA. November 9, 1988.

38. Harbor-UCLA Medical Center. Discussion of Major Diseases for 4th year medical students. Hyponatremia. Given 4 times per year. Torrance, CA.

39. Harbor-UCLA Medical Center. Lecture given monthly for residents rotating on the nephrology consult service. Tubulointerstitial nephritis. Torrance, CA.

40. Harbor Housestaff/Faculty Retreat. The Resource Based Relative Value System. Palm Springs, CA. January 7, 1989.

41. USC School of Medicine. 2nd year medical student class lecture. Pathophysiology of glomerulonephritis. Los Angeles, CA. January 4, 1989.

42. Harbor-UCLA Medical Center. Housestaff conference. Therapy of lupus nephritis. Torrance, CA. February 13, 1989.

43. Harbor-UCLA Medical Center. Lectures for UCR 2nd year medical students. Nephrotic syndrome, acute and chronic glomerulonephritis. Torrance, CA. February 15, 1989.

44. Harbor-UCLA Medical Center. Mortality and Morbidity conference. Gentamicin nephrotoxicity. Torrance, CA. March 9, 1989.

45. UCLA. Pediatric Nephrology Grand Rounds. Treatment of lupus nephritis. Los Angeles, CA. April 19, 1989.

46. Harbor-UCLA Medical Center. Board Review Course for Harbor Housestaff. Glomerulonephritis. Torrance, CA. April 27, 1989.

47. Harbor-UCLA Medical Center. Lecture for 2nd year UCLA medical students. The Kidney in Systemic Disease. Torrance, CA. April 27, 1989.

48. USC School of Medicine. Nephrology Grand Rounds. Update on IgA nephropathy. Los Angeles, CA. May 11, 1989.

49. Cedars-Sinai Medical Center. Medical Grand Rounds. Berger's disease. Los Angeles, CA. May 26, 1989.

50. Harbor-UCLA Medical Center. Medical Grand Rounds. Professors Clinical Conference. Metastatic calcification. Torrance, CA. June 20, 1989.

51. Harbor-UCLA Medical Center. Nephrology Grand Rounds. IgA Nephropathy. Torrance, CA. August 3, 1989.

52. USC American Board of Internal Medicine Review course. Update on glomerulonephritis. Los Angeles, CA. August 4, 1989.

53. Harbor-UCLA Medical Center. Housestaff conference. How to approach metabolic acidosis and alkalosis. Torrance, CA. August 28, 1989.

54. Wadsworth VA Medical Center. Pathophysiology of glomerulonephritis. Los Angeles, CA. October 6, 1989.

55. National meeting of the American Dietetic Association. Modification of Diet in Renal Disease Study. Medical Perspective, Hypothesis and Significance. Kansas City, MO. October 23, 1989.

56. Meeting of the American Federation of Clinical Research. Research paper presented as poster. May 1, 1989.

57. Program Chair - Annual Scientific Symposium of the National Kidney Foundation of Southern California. La Jolla Marriott Hotel. La Jolla, CA. October 14, 1989.

58. Meeting of the American Dietitians Association. Dietary protein restriction as a therapeutic strategy for showing progression of chronic renal insufficiency. Kansas City, MO. October 23, 1989.

59. University of Oklahoma at Oklahoma City. Nephrology Grand Rounds. Procollagen gene expression in glomerulosclerosis and tubulointerstitial fibrosis. Oklahoma City, OK. November 28, 1989.

60. Study Section - American Heart Association of Southern California. Los Angeles, CA. February 15, 1990.

61. Singapore General Hospital. Visiting Professorship. Singapore. July 15 - August 5, 1990.

62. USC Nephrology Grand Rounds. Recent developments in lupus nephritis. Los Angeles, CA. September 27, 1990.

63. National Kidney Foundation meeting. Structure/Function Implications in Diabetic Nephropathy. Washington, D.C. December 2, 1990.

64. USC Pathophysiology Course for 2nd Year Medical Students. Pathophysiology of glomerulonephritis. Los Angeles, CA. January 3, 1991.

65. UC San Francisco Nephrology Grand Rounds. Renal procollagen gene expression in diabetes and focal and segmental glomerulosclerosis. San Francisco, CA. March 27, 1991.

66. USC Diabetes Grand Rounds. Renal procollagen gene expression in the streptozotocin induced model of diabetes in the rat. Los Angeles, CA. March 29, 1991.

67. Holy Cross Hospital Medical Grand Rounds. Glomerulonephritis - An overview. June 5, 1991.

68. Children’s Hospital of Los Angeles. Pediatric Nephrology Grand Rounds. Extracellular matrix gene expression in glomerulosclerosis and tubulointerstitial fibrosis. Los Angeles, CA. June 6, 1991.

69. Regional meeting of the American College of Physicians. Future directions in the treatment of diabetic nephropathy. June 7, 1991.

70. University of Texas at San Antonio. Division of Nephrology. Procollagen gene expression in the kidney after subtotal renal ablation. San Antonio, TX. July 17, 1991.

71. USC-ABIM Review Course. Glomerulonephritis - An overview. Los Angeles, CA. August 8, 1991.

72. National Kidney Foundation meeting. Renal Pathology Workshop. Baltimore, MD. November 16, 1991.

73. University of Southern California. 2nd year medical students. Pathophysiology course. Pathophysiology of glomerulonephritis. Los Angeles, CA. January 4, 1992.

74. Harbor-UCLA Medical Center. Nephrology case discussion - Grand Rounds. A patient with SLE and salmonellosis. Torrance, CA. February 6, 1992.

75. UC Riverside Biomedical Program. Renal Pathophysiology course. Nephrotic syndrome. Torrance, CA. January 12, 1992.

76. UC Riverside Biomedical Program. Acute and chronic glomerulonephritis. Torrance, CA. January 12, 1992.

77. UC Riverside Biomedical Program. Glomerulonephritis case discussion. Torrance, CA. January 12, 1992.

78. Harbor-UCLA Medical Center. Internal Medicine Outpatient Clinical Services Conferences. Acid-Base clinical problems. Torrance, CA. February 19, 1992.

79. National Kidney Foundation Spring Clinical meeting. Renal biopsy conference. Chicago, IL. April 11, 1992.

80. National Kidney Foundation Spring Clinical meeting. Management problems in SLE nephritis. Chicago, IL. April 11, 1992.

81. Harbor-UCLA Medical Center. Rheumatology Grand Rounds. Treatment of lupus nephritis. Torrance, CA. May 7, 1992.

82. Asian Pacific Colloquium of Nephrology. Extracellular matrix in the pathogenesis of glomerulosclerosis. Seoul, Korea. May 18, 1992.

83. Harbor-UCLA Medical Center. Internal Medicine (ABIM) Review. Glomerulo-nephritis. Torrance, CA. June 4, 1992.

84. Harbor-UCLA Medical Center. Residents rotating on Nephrology consultation service. Tubulointerstitial nephritis - Monthly. Torrance, CA.

85. Harbor-UCLA Medical Center. Discussion of major diseases. 3rd year medical students (UCLA). Hyponatremia. Quarterly. Torrance, CA.

86. University of Southern California ABIM Review course. Glomerulonephritis. Los Angeles, CA. August 4, 1992.

87. Harbor-UCLA Medical Center. Nephrology Grand Rounds. Lupus nephritis. Torrance, CA. August 6, 1993.

88. UCLA Nutrition Conference. The Modification of Diet in Renal Disease (MDRD) Study. Los Angeles, CA. January 22, 1993.

89. University of Southern California 2nd year medical student class. Pathogenesis of glomerulonephritis. Los Angeles, CA. February 3, 1993.

90. UC Riverside 2nd year medical students. Nephrotic syndrome. Acute and chronic glomerulonephritis; Case discussions. Torrance, CA. February 12, 1993.

91. Harbor-UCLA Medical Center. Pathology Grand Rounds. Extracellular matrix in the pathogenesis of glomerulonephritis. Torrance, CA. March 26, 1993.

92. University of Singapore Master of Medicine Program. Visiting Professorship. Singapore. April 17-24, 1993.

93. Cedars-Sinai Medical Center. Nephrology Grand Rounds. The kidney in systemic vasculitis. Los Angeles, CA. May 4, 1993.

94. Harbor-UCLA Medical Center. Rheumatology Grand Rounds. The kidney in systemic vasculitis. Torrance, CA. June 24, 1993.

95. Harbor-UCLA Medical Center. Nephrology Grand Rounds. The kidney in vasculitis syndromes. Torrance, CA. July 1, 1993.

96. Harbor-UCLA Medical Center. Medical Grand Rounds. Update on diabetic nephropathy. Torrance, CA. August 3, 1993.

97. American Society of Nephrology. The extracellular matrix in diabetic nephropathy. Boston, MA. November 15, 1993.

98. Controlling the Complications of Diabetes: Update on Nephropathy.

a. St. Mary Medical Center. Medical Grand Rounds. Long Beach, CA. 5/4/94.

b. San Jose Medical Center. Medical Grand Rounds. San Jose, CA. 5/5/94.

c. La Jolla Veteran's Administration. Endocrinology Grand Rounds. 5/11/94.

d. O'Connor Hospital. Medical Grand Rounds. San Jose, CA. 5/24/94.

e. University of California, Irvine. Medical Grand Rounds. Irvine, CA. 6/2/94.

f. University of Southern California. Nephrology Grand Rounds. Los Angeles, CA. 6/16/94.

g. Long Beach VA. Medical Grand Rounds. 6/24/94.

h. Good Samaritan Hospital. Medical Grand Rounds. Santa Clara, CA. 6/28/94.

I. U.S. Public Health Service Hospital. Medical Grand Rounds. Anchorage, Alaska. 8/17/94.

j. Harbor-UCLA Medical Center. Endocrinology Grand Rounds. Los Angeles, CA. 10/12/94.

99. Harbor-UCLA Medical Center. Nephrology Grand Rounds. Structural - Functional Correlates in Diabetic Nephropathy. Torrance, CA. December 30, 1994.

100. Harbor-UCLA Medical Center. Medical Grand Rounds. The Glomerulonephritis Associated with Hepatitis C. Torrance, CA. January 4, 1994.

101. UC Riverside 2nd Year Medical Student Pathophysiology Course. Nephrotic Syndrome (February 9, 1994); Acute and Chronic Glomerulonephritis (February 9, 1994); Tubulointerstitial Nephritis (February 11, 1994). Torrance, CA.

102. Harbor-UCLA Medical Center. Acid-Base Problem Solving. Housestaff Conference. Torrance, CA. February 9, 1994.

103. Wadsworth VA Medical Center. Pathophysiology of Glomerulonephritis. Los Angeles, CA. February 27, 1994.

104. Southwest Renal Society. Recent Innovations in the Pathogenesis and Treatment of Focal and Segmental Glomerulosclerosis. El Paso, TX. July 20, 1994.

105. Texas Tech. Lupus Nephritis - Pathogenesis and Treatment. El Paso, TX. July 20, 1994.

106. American Diabetes Association Consensus Workshop. Rationale for Treatment Standards in Type 1 Diabetic Nephropathy. San Francisco, CA. August 10, 1994.

107. National Kidney Foundation of Southern California. Annual Scientific Symposium. Focal sclerosis - Update on Pathogenesis and Treatment. Los Angeles, CA. October 17, 1994.

108. Wadsworth VA Medical Center. Nephrology Grand Rounds. Rationale for Treatment Standards in Type 1 Diabetic Nephropathy. Los Angeles, CA. November 17, 1994.

1. Holy Cross Medical Center. Grand Rounds. Update on glomerulonephritis. May 5, 1994.
2. Wadsworth VA Medical Center. Renal Pathophysiology Course. Pathogenesis of glomerylonephritis. May 11, 1994.
3. Cedars-Sinai Medical Center. Nephrology Grand Rounds. Diabetic nephropathy. June 27, 1994.
4. University of Southern California. Nephrology Grand Rounds. Diabetic nephropathy. August 24, 1994.
5. Kaiser Permanente Medical Symposium. Sheraton Hotel, LA. Diabetic nephropathy. September 30, 1994.
6. Wadsworth VA Medical Center. Nephrology Grand Rounds. Pathogenesis of membranous nephropathy. October 12, 1994.
7. Holy Cross Medical Center. Grand Rounds. Pathogenesis of diabetic nephropathy. November 21, 1994.

116. UCLA ABIM Review Course. Glomerulonephritis. Los Angeles, CA. July 1, 1996.

1. UCLA ABIM Nephrology Review Course. Goodpasture's syndrome. Los Angeles, CA. August 3, 1996.
2. North Shore Medical Center, Manhasset, NY. Special Lecture at Research Institute. Pathogenesis of Diabetic Nephropathy. October, 1994.

119. UCLA ABIM Nephrology Review Course. Pathogenesis and mechanisms of glomerular disease. Los Angeles, CA. August 3, 1996.

120. UCLA ABIM Nephrology Review Course. Minimal change and focal sclerosis. Los Angeles, CA. August 3, 1996.

121. UCLA ABIM Nephrology Review Course. Problem solving in glomerulonephritis. Los Angeles, CA. August 3, 1996.

122. American Society of Nephrology. Short course. Solutions to problems raised by MKSAP. November, 1996.

123. NIH Consensus Conference. Expanding the use of the renal biopsy as a predictor of progression. September 11, 1996.

124. 11th Asian Colloquium in Nephrology. A critical review of clinical trials on retarding the progression of renal failure. Singapore. September, 1996.

125. 11th Asian Colloquium in Nephrology. Cell proliferation and repair. Singapore. September, 1996.

126. Third International Symposium on the Pathogenesis of Diabetic Nephropathy. Extracellular matrix alterations and structural functional relationships in diabetic nephropathy. Seoul, Korea. January 25, 1997.

127. Carnitine Investigation Meeting. The role of the nephrologist in implementing the protocol. Hilton Hotel. Los Angeles, CA. January 4, 1997.

128. UC Riverside Course. Clinical Syndromes and Pathogenesis of Glomerulonephritis. Harbor-UCLA Medical Center. Torrance, CA. February 14, 1997.

129. Harbor-UCLA Medical Center. Endocrinology Grand Rounds. A patient with diabetes, proteinuria, and inflammatory vascular eye disease. Torrance, CA. February 19, 1997.

130. Harbor-UCLA Medical Center. UC Riverside Course. Tubulointerstitial nephritis. Torrance, CA. February 21, 1997.

131. University of Medicine and Dentistry of New Jersey. Robert Wood Johnson Medical Center. Nephrology Grand Rounds. Pathogenesis of matrix expansion in glomerular disorders. New Brunswick, New Jersey. March 5, 1997.

132. Wadsworth VA. Renal Pathophysiology Course. Pathogenesis of glomerulo-nephritis. Los Angeles, CA. June 13, 1997.

133 Harbor-UCLA Medical Center. Nephrology Grand Rounds. Structure-function relationships in diabetic nephropathy. Torrance, CA. July 14, 1997.

134. UCLA-ABIM Internal Medicine Board Review Course. Universal City Hilton Hotel. Glomerulonephritis. Universal City, CA. July 16, 1997.

135. UCLA Center for the Health Sciences. Medical Grand Rounds. Update on the pathogenesis of diabetic nephropathy. Los Angeles, CA. January 28, 1998.

136. UC San Diego Nephrology Review Course. Dietary protein restriction as a therapy to slow the progression of renal insufficiency. A critical review of the literature. La Jolla, CA. February 6, 1997.

137. Cedars-Sinai Medical Center. Nephrology Grand Rounds. Pathogenesis of diabetic nephropathy. Los Angeles, CA. June 17, 1997.

138. Harbor-UCLA Medical Center. Nephrology Grand Rounds. Structure-function correlations in diabetic nephropathy: Lessons and limitations. Torrance, CA. July 12, 1997.

139. UCLA-Singapore Nephrology Board Review Course. Pathogenesis of glomerulo-nephritis. Singapore. August 31, 1997.

140. UCLA-Singapore Nephrology Board Review Course. The minimal change-focal sclerosis spectrum. Singapore. August 31, 1997.

141. UCLA-Singapore Nephrology Board Review Course. Clinical cases in glomerulo-nephritis. Singapore. August 31, 1997.

142. UC Davis. Nephrology Grand Rounds. Structure-function correlation and the pathogenesis of diabetic nephropathy. Sacramento, CA. December 23, 1997.

143. Little Company of Mary Hospital. Medical Grand Rounds. A case of leuko-cytoclastic vasculitis and acute renal failure. Torrance, CA. January 22, 1998.

144. UCLA Center for the Health Sciences. Medical Grand Rounds. New insight in the pathogenesis of diabetic nephropathy. Los Angeles, CA. January 28, 1998.

145. Wadsworth VA Medical Center. Nephrology Grand Rounds. A patient with pulmonary

hemorrhage and rapidly progressive glomerulonephritis. Los Angeles, CA. April 2, 1998.

146. Harbor-UCLA Medical Center. Glomerulonephritis: A board review. Torrance, CA. April 28, 1998.

147. Harbor-UCLA Medical Center. Endocrinology Grand Rounds. Update on the pathogenesis of diabetic nephropathy. Torrance, CA. June 10, 1998.

148. Harbor-UCLA Medical Center. Discussion of Major Diseases. Hyponatremia. Torrance, CA. June 22, 1998.

149. UCLA-ABIM Board Review Course. Pathogenesis and clinical syndromes of glomerulonephritis. Universal City, CA. July 15, 1998.

150. Harbor-UCLA Medical Center. Nephrology Grand Rounds. Lupus nephritis: A review for new nephrology fellows. Torrance, CA. July 20, 1998.

151. Kaiser Permanente. Clinical vignettes in glomerulonephritis. Universal City, CA. September 25, 1998.

152. UCLA Nephrology Board Review Course. Diabetic Nephropathy. Santa Monica, CA. October 6, 1998.

153. UCLA Nephrology Board Review Course. Pathogenesis and mechanisms of glomerulonephritis. Santa Monica, CA. October 7, 1998.

154. UCLA Nephrology Board Review Course. Minimal change and focal and segmental glomerulonephritis. Santa Monica, CA. October 7, 1998.

155. UCLA Nephrology Board Review Course. Anti-GBM glomerulonephritis. Santa Monica, CA. October 7, 1998.

156. UCLA Nephrology Board Review Course. Clinical cases in glomerulonephritis. Santa Monica, CA. October 7, 1998.

157. Priscilla Kincaid Smith Visiting Professor to the University of Melbourne. Melbourne, Victoria, Australia. November 23-27, 1998.

Lectures: Pathogenesis of diabetic nephropathy.

Heritable complement deficiency and glomerulonephritis.

Carnitine supplementation in ESRD.

Structure-function correlations in diabetic nephropathy: From the bench to the bedside.

158. Harbor-UCLA Medical Center. Medical Grand Rounds. Diabetic nephropathy. Torrance, CA. December 15, 1998.

159. Harbor-UCLA Medical Center. Neonatology Grand Rounds. Diabetic nephropathy. Torrance,

CA. December 21, 1998.

160. Western Meeting of the AFCR. Carmel California. Invited Lecture. Pathogenesis of diabetic nephropathy. January 29, 1999.

161. Olive View Medical Center. Medical Grand Rounds. Diabetic nephropathy. March 12, 1999.

162. Southwest Society of Nephrology. El Paso, TX. Pathogenesis of diabetic nephropathy. May 19, 1999.

163. Wadsworth VA. Pathophysiology course for fellows. The pathogenesis of glomerulonephritis. May 21 and 28, 1999.

164. Harbor-UCLA Medical Center. Research Conference. The genetics of diabetic nephropathy. June 16, 1999.

165. UCLA Internal Medicine Board Review Course. Universal City, CA. Clinical syndromes of glomerulonephritis. July 9, 1999.

166. Harbor-UCLA Medical Center. Nephrology Grand Rounds. Update of Lupus nephritis. August 9, 1999.

167. Kidney Dialysis Foundation of Singapore. Public Forum. Renal complications of diabetes-preventable or treatable? September 25, 1999.

168. UCLA/National Kidney Foundation of Singapore Nephrology Review Course Diabetes and the Kidney. Singapore. September 26, 1999.

169. UCLA/National Kidney Foundation of Singapore Nephrology Review Course. Focal and segmental glomerulosclerosis Singapore. September 27, 1999.

170. UCLA/National Kidney Foundation of Singapore Nephrology Review Course. Case Discussions in Glomerulonephritis. Singapore. September 27, 1999.

171. Meeting of the American Society of Nephrology. Miami, FL. Interpretations and clinical applications of renal biopsies: Clinicopathological discussions of six cases. November 6, 1999.

172. Wadsworth VA. Endocrinology Grand Rounds. Diabetic nephropathy. December 3, 1999.

173. Harbor-UCLA Medical Center. Endocrinology Grand Rounds. Diabetic nephropathy. December 22, 1999.

174. Tarzana Hospital. Medical Grand Rounds. Update on crescentic glomerulonephritis. January 25, 2000.

175. Wadsworth VA. Nephrology Grand Rounds. Update on crescentic glomerulonephritis. February 24, 2000.

176. Harbor-UCLA Medical Center. Division of Nephrology. The genetics of diabetic nephropathy and other kidney diseases. June 28, 2000.

177. UCLA Internal Medicine Board Review Course. Universal City, CA. Glomerulonephritis. July 6, 2000.

178. American Society of Nephrology Board Review Course. San Francisco, CA. Diabetic nephropathy. August 29, 2000.

179. American Society of Nephrology Board Review Course. San Francisco, CA. Slowing the progression of non-diabetic nephropathy. August 29, 2000.

180. American Society of Nephrology. Toronto, Canada. Identity of glomerular mRNA measurements in patients with Type 1 diabetes and microalbuminuria or overt nephropathy. October 15, 2000.

181. Meeting of the American Society of Nephrology. Toronto, Canada. Interpretations and clinical applications of renal biopsies: Clinicopathological discussions of six cases. October 15, 2000.

182. National Institutes of Health Workshop on Oxidative stress in diabetic complications. Bethesda, MD. Diabetic nephropathy as a model of oxidative injury in diabetes. October 23, 2000.

183. Harbor-UCLA Medical Center. Endocrinology Grand Rounds. Update on diabetic nephropathy. March 21, 2001.

184. Wadsworth VA. Pathophysiology course for Renal Fellows. Pathophysiology of glomerulonephritis. May 4 and 11, 2001.

185. University of California at Irvine. Internal Medicine Grand Rounds. Diabetic Nephropathy. June 18, 2001.

186. UCLA Internal Medicine Board Review Course. Univeral City, CA. Glomerulonephritis. July 6, 2001.

187. Harbor-UCLA Medical Center. Core Curriculum for Internal Medicine residents rotating on Nephrology. Chronic tubulointerstitial diseases. Given monthly.

188. Harbor-UCLA Medical Center. Nephrology Grand Rounds Case Discussions. Given monthly.

1. Harbor-UCLA Medical Center. Research and Clinical Journal Club. Given 6 times per year.
2. Harbor-UCLA Medical Center. Nephrology Grand Rounds. Diabetic nephropathy. March 19, 2001.
3. Harbor-UCLA Medical Center. Endocrinology Grand Rounds. Diabetic Nephropathy. March 21, 2001.
4. Wadsworth VA. Pathophysiology lecture. Glomerulonephritis I. May 4, 2001.
5. Wadsworth VA. Pathophysiology lecture. Glomerulonephritis II. May 11, 2001.
6. University of California at Irvine. Medical Grand Rounds. Diabetic nephropathy. June 19, 2001.
7. American Society of Nephrology Board Review Course. Slowing the progression of non-diabetic renal disease. August 28, 2001.
8. American Society of Nephrology Board Review Course. Diabetic nephropathy. August 28, 2001.
9. Harbor-UCLA Medical Center. Nephrology Grand Rounds. Proteinuria seen through the prism of podocyte biology: Podocytes in uncommon and common glomerular disorders. August 20, 2001.
10. UCLA Medical Center. Nephrology Grand Rounds. Proteinuria seen through the prism of podocyte biology: Podocytes in uncommon and common glomerular disorders. November 29, 2001.
11. City of Hope. Endocrinology Grand Rounds. Diabetic nephropathy. December 19, 2001.
12. Cedars-Sinai Medical; Center. Nephrology Grand Rounds. Diabetic nephropathy. January 15, 2002.
13. Harbor-UCLA Medical Center. Medical Grand Rounds. Diabetic Nephropathy: From the bench to the bedside. February 26, 2002.
14. Research and Education Institute Collegium. Torrance, CA. Mechanisms of protection against diabetic kidney disease. April 15, 2002.
15. Korean Society of Nephrology. Seoul, Korea. Pathogenesis of diabetic nephropathy: From the bench to the bedside and back. April 25, 2002.
16. Korean Society of Nephrology. Seoul, Korea. April 26, 2002.
17. Pathophysiology course for Nephrology fellows. Wadsworth, VA. LA, CA. Pathophysiology of glomerular disorders. June 7, 2002.
18. Glomerulonephritis: Clinical presentations. Wadsworth VA. LA, CA. June 14, 2002.
19. Juvenile Diabetes Research Foundation, Bakersfield. Bakersfield, CA. Some of the studies that JDRF is supporting to combat diabetic kidney disease: What are we learning? June 26, 2002.
20. Harbor-UCLA Medical Center. Nephrology Grand Rounds. Proteinuria seen through the prism of podocyte biology: Podocytes in uncommon and common glomerular disorders. August 26, 2002.
21. Novartis Pharmaceuticals. Rationale for PDGF inhibition as a therapy for IgA nephropathy. September 9, 2002.
22. David Geffen School of Medicine at UCLA. Current concepts in glomerulonephritis. September 12, 2002.
23. David Geffen School of Medicine at UCLA. Case discussions in glomerulonephritis. September 12, 2002.
24. National Kidney Foundation of Southern California. Proteinuria seen through the prism of podocyte biology: Podocytes in uncommon and common glomerular disorders. September 14, 2002.
25. Kidney Dialysis Foundation of Singapore. Protecting your kidneys in diabetes. September 21, 2002.
26. State of the Art Nephrology, Singapore Kidney Dialysis Foundation. Proteinuria seen through the prism of podocyte biology: Podocytes in uncommon and common glomerular disorders. September 23, 2002.
27. State of the Art Nephrology, Singapore Kidney Dialysis Foundation. Slowing the progression of proteinuric non-diabetic nephropathy. September 23, 2002.
28. State of the Art Nephrology, Singapore Kidney Dialysis Foundation. Case discussions. September 23, 2002.
29. Pathology Grand Rounds. Harbor-UCLA Medical Center. Podocytes and proteinuria. November 15, 2002.
30. Long Beach VA Hospital. Nephrology Grand Rounds. Podocytes and proteinuria. January 6, 2003.
31. National University of Singapore. PDGF in IgA nephropathy: The case for inhibition of signal transduction as therapy. January 16, 2003.
32. Novartis Pharmaceuticals. Design of a clinical trial to use Gleevec for the treatment of IgA nephropathy. March 17, 2003.
33. Cedars Sinai Medical Grand Rounds. Diabetic Nephropathy-From the bench to the bedside. June 27, 2003.
34. Wadsworth VA. Pathophysiology of glomerulonephritis. September 12, 2003
35. Wadsworth VA. Nephrotic syndrome. September 19, 2003
36. Wadsworth VA. Glomerulonephritis. September 26, 2003
37. Chapel Hill, North Carolina. The rationale for PDGF signal transduction inhibition as a therapy for IgA nephritis. October 27, 2003
38. American Society of Nephrology. A symposium on Puzzling Cases. A case of a woman with proteinuria and hematuria. San Diego, CA. Nov 16, 2003
39. Nephrology Forum. Linking Histopathology, cell biology, and genetics in diabetic nephropathy. UCLA Faculty Club. Dec 8, 2003
40. Pathogenesis and treatment of IgA Nephropathy. Nephrology Grand Rounds, Wadsworth VA/CHS Nephrology Program. Jan 22, 2004
41. Gleevec in IgA Nephritis Trial. Meeting of the NIH-Glomerulonephritis Consortium. Chapel Hill, North Carolina, Feb 2, 2004
42. Pathogenesis and Treatment of IgA Nephropathy. UCLA Medical Grand Rounds. April 28, 2004
43. Slowing the Progression of Diabetic Renal Disease. South Bay Family Health Center. May 10, 2004
44. Tubulointerstitial diseases. Lecture for rotating Internal medicine residents on Nephrology Consultation service. Given monthly. Harbor-UCLA Medical Center
45. Diabetic Nephropathy: Pathogenesis and treatment. University of South Carolina Internal Medicine Update. Hilton Head. July 12, 2004
46. Slowing the progression of non-diabetic proteinuric renal disease. University of South Carolina Internal Medicine Update. Hilton Head. July 12, 2004
47. IgA Nephropathy. New York University Nephrology Grand Rounds. Sept 20, 2004
48. A case of Acute Renal Failure: A clinicopathologic conference. American Society of Nephrology Oct 29, 2004
49. The rationale for PDGF inhibition as treatment for IgA nephritis. Harbor-UCLA Medical Center Internal Medicine Grand Rounds. Dec 7, 2004
50. A case of acute renal failure. Wadsworth VA-UCLA Nephrology Grand Rounds. LA, CA. January 13, 2005
51. IgA nephropathy. Cedars-Sinai Medical Center Nephrology Grand Rounds. LA, CA. Feb 1, 2005
52. Changes in glomerular signal transduction in diabetic nephropathy. Mount Sinai Medical Center Research Conference. NY, NY. April 1, 2005
53. Pathogenesis, clinical presentation and treatment of glomerulonephritis. UCLA Fellowship Clinical Training Programs. LA, CA. May 13 and 20, and June 10, 2005
54. Pathogenesis and treatment of IgA nephropathy. National University of Taiwan. Taipei, Taiwan. June 22, 2005
55. Diabetic nephropathy: Bench to bedside. National University of Taiwan. Taipei, Taiwan. June 22, 2005
56. How does diabetes affect the kidney? Kidney Dialysis Foundation of Singapore Public Forum. Singapore. June 25, 2005
57. The role of growth factors and their inhibition in the treatment of glomerulonephritis. World Congress of Nephrology. Singapore. June 27, 2005
58. Renal disease: Race genes or environment? National Kidney Foundation of Singapore. Singapore. July 1, 2005
59. A case of acute renal failure. Nephrology Grand Rounds at Harbor-UCLA Medical Center. Torrance, CA. Aug 15, 2005
60. The treatment of hypertension and chronic kidney disease in diabetes. Postgraduate education lecture for the American Society of Nephrology. Philadelphia, PA. Nov 9, 2005
61. A case of acute renal failure. David Geffen School of Medicine at UCLA. Medical Grand Rounds. LA, CA. Nov 16, 2005
62. Diabetic nephropathy: Bench to bedside. 11th Annuo symposio de doencas renais. Lisbon, Portugal. Nov 24, 2005
63. Growth factors in the treatment of glomerulonephritis. 11th Annuo symposio de doencas renais. Lisbon, Portugal. Nov 24, 2005
64. Update on diabetic nephropathy. Wadsworth VA Endocrine Grand Rounds. LA, CA. Dec 16, 2005
65. Primary care for the ESRD patient. Harbor-UCLA Medical Center Dialysis Essentials course. Torrance, CA. Dec 20, 2005
66. The treatment of lupus nephritis. Wadsworth VA. Nephrology Grand Rounds. January 12, 2006
67. Renal disease: Race, genes, or ethnicity. Harbor-UCLA Medical Center. Nephrology Grand Rounds. March 6, 2006
68. Diabetic Nephropathy: Pathogenesis and treatment. Medical Grand Rounds. February 7-8, 2006.
69. Cellular adaptation in protecting against diabetes and diabetic nephropathy. Research conference. University of Texas Health Sciences Center at San Antonio. February 7-8, 2006.
70. Changing times in the treatment of lupus nephritis. Medicine Grand Rounds. Harbor-UCLA Medical center. March 28, 2006
71. Torrance Memorial Medical Center. Diabetic nephropathy. March 13, 2007.
72. University of California, Irvine. Nephrology Grand Rounds. Thrombotic Microangiopathies. April 2, 2007.
73. Cedars-Sinai Medical Center. Nephrology Grand Rounds. Thrombotic Microangiopathies. April, 3, 2007.
74. Wadsworth VA. Pathophysiology lecture. Glomerulonephritis I. May 11, 2007.
75. Wadsworth VA. Pathophysiology lecture. Glomerulonephritis II. May 18, 2007.
76. Wadsworth VA. Pathophysiology lecture. Glomerulonephritis III. June 22, 2007.
77. Wadsworth VA. Pathophysiology lecture for Renal Fellows. Pathophysiology of glomerulonephritis. July 20, 2007.
78. Harbor-UCLA Medical Center. Endocrinology Grand Rounds. Diabetic Nephropathy. October 24, 2007.
79. American Society of Nephrology Pathology course: Clinicopathological correlates in glomerulonephritis. October 31, 2007.
80. American Society of Nephrology. Chair plenary abstract clinical trial session. November 4, 2007.
81. University of Southern California. Nephrology Grand Rounds. Diabetic Nephropathy: Bench to bedside. January 19, 2008
82. Western Society of Clinical Nephrology. Carmel, CA. State of the Art talk: Approaching diabetic nephropathy as the frontier in the struggle to prevent renal failure. February 1, 2008
83. West Los Angeles VA Hospital. Approaching diabetic nephropathy as the frontier in the struggle to prevent renal failure. April 24, 2008
84. West Los Angeles VA Hospital. Glomerulonephritis lectures for fellows: GN pathophysiology. May 2, 2008
85. West Los Angeles VA Hospital. Glomerulonephritis lectures for fellows: Nephrotic syndrome. May 9, 2008
86. West Los Angeles VA Hospital. Glomerulonephritis lectures for fellows: Glomerulonephritis. May 16, 2008
87. Cedars-Sinai Medical Center. Nephrology Grand Rounds. Diabetic nephropathy: Success and barriers. May 20, 2009
88. Harbor-UCLA Medical Center. Nephrology Grand Rounds. Mitigating progression of chronic kidney injury. August 4, 2008
89. University of California at Irvine. Medical Grand Rounds. Mitigating progression of chronic kidney injury. August 12, 2008
90. State of the Art Nephrology Course. Singapore. Arresting and reversing diabetic nephropathy: How far have we come? Where are we going? September 6, 2008
91. State of the Art Nephrology Course. Singapore. Diabetic nephropathy: Will genome scans help? September 6, 2008
92. Harbor-UCLA Medical Center. Basic Science Lecture. Old and new hypotheses concerning diabetic nephropathy, diabetes, and renal functional decline. October 21, 2008
93. American Society of Nephrology. Philadelphia. Identification of chromosomal risk loci for diabetic nephropathy (DN) in Mexican-Americans (MA) using mapping by admixture disequilibrium (MALD): The Family Investigation of Nephropathy and Diabetes (FIND) Study November 7, 2008
94. American Society of Nephrology. Philadelphia. Clinicopathological vignettes. November 5, 2008
95. New York Society of Nephrology. Update on diabetic nephropathy. November 19, 2008
96. Harbor-UCLA Medical Center. Medical Grand Rounds. Arresting diabetic nephropathy. March 10, 2009
97. Pharmaceutical Sponsored Testing Consortium presentation, Webinier. Urinary HGFIN as a CKD biomarker. April 14, 2009
98. West Los Angeles VA Hospital. Glomerulonephritis lectures for fellows: GN pathophysiology. May 22, 2009
99. Harbor-UCLA Medical Center. Research Conference. Gpnmb as a urinary biomarker of CKD. May 27, 2009
100. West Los Angeles VA Hospital. Glomerulonephritis lectures for fellows: Nephrotic syndrome. May 29, 2009
101. West Los Angeles VA Hospital. Glomerulonephritis lectures for fellows: Glomerulonephritis. June 12, 2009
102. Harbor-UCLA Medical Center. Acid-base: A practicum. July 10, 2009
103. Harbor-UCLA Medical Center. Lecture. Glomerulonephritis I. What you need to know when starting your fellowship. July 14, 2009
104. Harbor-UCLA Medical Center. Lecture. Glomerulonephritis II. What you need to know when starting your fellowship. July 15, 2009
105. Harbor-UCLA Medical Center. Nephrology Grand Rounds. (Renal) failure is not an option: Working towards fulfilling the unfulfilled promise. August 3, 2009
106. International Congress on Uremia. Research and Toxicity. Bucharest, Romania. Novel urinary biomarker of kidney injury. October 18, 2009
107. American Society of Nephrology. San Diego, CA. Clinical vignettes for the Renal Pathology Course. October 28, 2009
108. American Society of Nephrology. San Diego, CA. Pathogenesis of progressive renal injury. October 30, 2009
109. Harbor-UCLA Medical Center. Research Conference. The search for diabetic nephropathy risk gene. December 9, 2009
110. Cedars-Sinai Medical Center. Nephrology Grand Rounds. Arresting and reversing diabetic nephropathy: Success and barriers. May 4, 2010
111. West Los Angeles VA Hospital. Glomerulonephritis lectures for fellows: GN Mechanisms in the pathogenesis of glomerulonephritis. May 28, 2010
112. West Los Angeles VA Hospital. Glomerulonephritis lectures for fellows: Nephrotic syndrome. June 4, 2010
113. West Los Angeles VA Hospital. Glomerulonephritis lectures for fellows: Glomerulonephritis. June 11, 2010
114. Harbor-UCLA Medical Center. Acid-base: Problem solving. July 13, 2010
115. Harbor-UCLA Medical Center. Lecture. Glomerulonephritis I. What you need to know when starting your fellowship. July 16, 2010
116. Harbor-UCLA Medical Center. Lecture. Glomerulonephritis II. What you need to know when starting your fellowship. July 29, 2010
117. Harbor-UCLA Medical Center. Nephrology Grand Rounds. Evolution/revolution in focal and segmental glomerulosclerosis syndromes and implications for therapy. August 2, 2010
118. Harbor-UCLA Medical Center. Research Conference. Novel kidney injury biomarkers. October 13, 2010
119. American Society of Nephrology. Denver, CO. Staphylococcal associated IgA nephropathy. November 16, 2010
120. American Society of Nephrology. Denver, CO. IgA heavy chain disease. November 17, 2010
121. [University of Southern California. Nephrology Grand Rounds. Focal and segmental glomerulosclerosis. February 23, 2011]
122. [Harbor-UCLA Medical Center. Internal Medicine Grand Rounds. Arresting and reversing diabetic nephropathy: Success and barriers. March 13, 2011]
123. [West Los Angeles VA Hospital. Glomerulonephritis lectures for fellows: GN Mechanisms in the pathogenesis of glomerulonephritis. May 6, 2011]
124. [West Los Angeles VA Hospital. Glomerulonephritis lectures for fellows: Nephrotic syndrome. May 13, 2011]
125. [West Los Angeles VA Hospital. Glomerulonephritis lectures for fellows: Glomerulonephritis. May 27, 2011]
126. [Harbor-UCLA Medical Center. Crash Course for Fellows: Glomerulonephritis. July 28, 2011]
127. [American Society of Nephrology Meeting, Philadelphia, PA. The case of the patient who got better, or did he?. Nov 7, 2011]
128. [American Society of Nephrology Meeting, Philadelphia, PA. 60 yo man presenting with gross hematuria, edema, intermittent abdominal and joint pain, foamy urine, cirrhosis from hepatitis C, and AKI. Nov 8, 2011]
129. [American Society of Nephrology Meeting, Philadelphia, PA. What can be learned from uncontrolled studies? Nov 8, 2011]

**Research Papers – Peer Reviewed:**

1. Adler S, Wang H, Ward H, Cohen A and Border W: Electrical charge: Its role in the pathogenesis and prevention of experimental membranous nephropathy in the rabbit. J Clin Invest 71: 487-499, 1983.
2. Border WA, Adler SG, Wang H, Kamil ES, Ward HJ, Cohen AH. The pathologic and therapeutic implications of electrical charge in immune complex glomerulonephritis. In the Pathogenicity of Cationic Proteins. Eds Lambert PP, Bergmann P, Beauwens R. Raven Press, N.Y. pp. 295-306, 1984.
3. Adler SG, Wang HY, Cohen AH, Border WA: Antigenic charge as a factor in resistance to immunosuppressive therapy. Am J Pathology 131: 497-506, 1988.
4. Adler SG, Laidlaw SA, Lubran MM, Kopple JD: Hyperglobulinemia may spuriously elevate measured serum inorganic phosphate. Am J Kidney Dis 11: 260-63, 1988.
5. Ferdows M, Golchini K, Adler S, Kurtz I. Cl/base exchange in rat mesangial cells: Regulation of intracellular pH. Kidney Int 35: 783-789, 1989.
6. Lombet JR, Adler SG, Anderson PS, Nast CC, Olsen D, Glassock RJ: Sex vulnerability in the development of focal and segmental glomerulosclerosis. J Lab Clin Med 114: 66-74, 1989.
7. Sires RG, Adler SG, Liebling M, Louie JS, Cohen AH: Poor prognosis in end-stage lupus nephritis due to non-autologous vascular access site-associated septicemia and lupus flares. Am J Nephrol 9: 279-284, 1989.
8. Cohen AH, Nast C, Adler SG, Kopple JD: The clinical usefulness of kidney biopsies in the diagnosis and management of renal disease. Am J Nephrol 9: 309-315, 1989.
9. Adler SG, Johnson K, Louie JS, et al. Lupus membranous glomerulo­­nephritis: Different prognostic subgroups obscured by imprecise histologic classifications. Modern Pathology 3: 186-191, 1990.
10. Adler SG, Lachant N, Anderson PS, Davidson WD, Cohen AH, Glassock RJ: Dimethyl sulfoxide enhances hexose monophosphate shunt activity in erythrocytes, mesangial cells and peritoneal exudate cells. Min Electrolyte Metab 17: 52-57, 1991.
11. Mallis L, Guber H, Adler SG, Palant CE. Intracellular chloride activity in cultured mesangial cells. Renal Phys 14: 12-18, 1991.
12. Nast CC, Adler SG, Kresser C, Ahmed K, Anderson PS. Cyclosporine administration induces early elevated procollagen a1(I) mRNA in the rat cortex. Kidney Int 39:631-38, 1991.
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