

Curriculum Vitae (Abbreviated)

NAME	POSITION TITLE		
Cortell, Stanley	Professor of Medicine		
<i>EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Massachusetts Institute of Technology, Cambridge, MA	S.B.	1957	Quantitative Biology
Tufts University School of Medicine, Boston, MA	M.D.	1961	Medicine
Columbia University School of Public Health, New York, NY	M.P.H.	1994	Public Health
University of Chicago Clinics, Chicago, IL	--	1961-1962	Intern
University Hospital, Boston, MA	--	1962-1963	Resident in Psychiatry
University Hospital, Madison, WI	--	1963-1964	Resident in Medicine
Walter Reed Army Institute of Research, Washington, DC	--	1964-1966	Research Internist
New England Medical Center Hospitals, Boston, MA	--	1966-1967	Senior Resident in Medicine
New England Medical Center Hospitals, Boston, MA	--	1967-1968	Fellow in Nephrology

A. Positions and Honors

Academic Appointments

1968–1969 Instructor of Medicine, Tufts University School of Medicine
 1969–1973 Assistant Professor of Medicine, Tufts University School of Medicine
 1973–1975 Associate Professor of Medicine, Tufts University School of Medicine
 1975–1980 Associate Professor of Medicine, College of Physicians and Surgeons of Columbia University
 1980–2013 Professor of Clinical Medicine, College of Physicians and Surgeons of Columbia University
 2013- 2014 Professor of Medicine College of Physicians and Surgeons of Columbia University (StLRH)
 2014- Professor of Medicine Icahn School of Medicine at Mount Sinai

Hospital Appointments

1967–1968 Assistant in Medicine, New England Medical Center Hospitals, Boston, MA
 1968–1972 Assistant Physician, New England Medical Center Hospitals, Boston, MA
 1972–1974 Associate Physician, New England Medical Center Hospitals, Boston, MA
 1974–1975 Physician, Renal Service, New England Medical Center Hospitals, Boston, MA
 1975–2014 Senior Attending Physician, St. Luke's-Roosevelt Hospital, New York, NY
 1979–1983 Director, Medical Service, St. Luke's-Roosevelt Hospital, New York, NY
 1981–2012 Attending Physician, New York Presbyterian Hospital, New York, NY
 1975–2014 Chief Division of Nephrology, St. Luke's-Roosevelt Hospital, New York, NY

Professional Affiliations

American Association for Advancement of Science
 American College of Physicians
 American Society of Nephrology
 International Society of Nephrology
 Massachusetts Medical Society
 New York Academy of Medicine
 New York Academy of Sciences
 New York Medical Society

Honors

Sigma Xi, National Research Honor Society, 1957

M.D. with Research Honors, 1961

Visiting Professor Free University of Berlin 1985

Visiting Professor Shanghai Medical College 1988

Visiting Professor St. Luke's International Hospital 2004 and 2008

Lester Hoenig Lifetime Achievement Award 2001, National Kidney Foundation of New York/New Jersey

Fellow of the American College of Physicians 2014

Scientific Advisory Boards/Consultant

1971–1980 Consultant, Cardio-Renal Pulmonary Division, Office of Scientific Evaluation, Food and Drug Administration, Washington, DC

1974–1975 Chairman, Human Investigations Review Committee, Tufts-New England Medical Center

1977–1979 Chairman, Infection Control Committee, St. Luke's Hospital Center, New York, NY

1980–1982 Chairman, Joint Research Review Committee, St. Luke's Hospital Center, New York, NY

1982–1983 Scientific Review Committee, New York State Kidney Disease Institute

1986–1990 Executive Committee, New York County Society of Internal Medicine

B. Selected peer-reviewed publications

Gennari, F.J., S. Cortell, and W.B. Schwartz, "Loss off measured activity of insulin C-14 and a corrective technique", *J. Appl. Physiol.* 28:105 (1970).

Cortell, S., M. Davidman, F.J. Gennari, and W.B. Schwartz, "Catheter size as a determinant of outflow resistance and intrarenal pressure", *Am. J. Physiol.* 223:910 (1972).

Cortell, S., F.J. Gennari, M. Davidman, W.H. Bossert, and W.B. Schwartz, "A definition off proximal and distal tubular compliance. Practical and theoretical implications", *J. Clin. Invest.* 52:230 (1973).

Fitzgibbons, J.P., F.J. Gennari, H.B. Garfinkel, and S. Cortell, "Dependence of saline-induced natriuresis upon the exposure of the kidney to the physical effects of extracellular volume expansion", *J. Clin. Invest.* 54:1428 (1974).

Bergeron, M.G., F.J. Gennari, M. Barza, L. Weinstein, and S. Cortell, "Micropuncture study of the tabular transport of penicillin and carbenicillin in the rat", *J. Infect. Dis.* 132:374 (1975).

Gennari, F.J., G.S. Lefavour, C.R. Caflisch, S. Spevack, and S. Cortell, "Identification of two components to the natriuretic response to saline loading in the rat", *Am. J. Physiol.* 235:F126 (1978).

Donohoe, J.F., G.S. Lefavour, S. Cortell, and F.J. Gennari, "Identification of a delivery-related influence in proximal reabsorption during expansion with hyperoncotic albumin in the rat", *Clin. Sci. Mol. Med.* 55:369 (1978).

Lefavour, G.S., F.J. Gennari, and S. Cortell, "Effect of delivery on proximal tubular reabsorption during volume expansion in the rat", *Am. J. Physiol.* 236:F488 (1979).

Gennari, F.J., M.L. Ponte, and S. Cortell, "Distal tubular chloride delivery and reabsorption after hydrochloric acid administration in the rat", *Mineral Electrolyte Metab.* 3:217 (1980).

Daniels, F.H., N.D. Nedev, L.C. Lowe, E.F. Leonard and S. Cortell. Errors in estimates of peritoneal fluid volume. *Artif. Organs* 14:246 (1990).

Rundback, J.H., Sacks, D., Kent, K.C., Cooper, C., Jones, D., Murphy, T., Rosenfield, K., White, C., Bettmann, M., Cortell, S., Puschett, J., Clair, D., and Cole, P. Guidelines for the reporting of renal artery revascularization in clinical trials. *Circulation* 106:1572 (2003).

Leonard, E., S.Cortell, N.Vitale,. Membraneless Dialysis – Is It Possible? *Cardiovascular Disorders in Hemodialysis* 149:343(2005)

Herzog, E., O. Frankenberger, E. Aziz, S. Bangalore, S. Balaram, J. Nasrallah, S. Cortell and F. Messerli. A Novel Pathway for the Mangement of Hypertension for Hospitalized Pateints. *Critical Care Pathways in Cardiology* 6:1 (2007)

Sandhu, G., A. Ramada, P. Mankal, L. Herlitz, J. Jones, and S. Cortell. Acute kidney injury in the setting of AIDS, bland urine sediment, minimal proteinuria and normal-sized kidneys; a presentation of renal lymphoma. *Nephrol. Dial. Transplant.* 26(2): 747 (2011)

Leonard, EF, Cortell, S, Jones, J The path to wearable ultrafiltration and dialysis devices. *Blood Purif.* 31:92 (2011)

Sandhu, G, Bansal, A, Ranade, A, Jones, J, Cortell, S, Markowitz, GS C3 Glomerulopathy Masquerading as Acute Postinfectious Glomerulonephritis. *Am. J. Kidney Dis.* 60:1039 (2012)

Jones, JP, Leonard, EF, Sandhu G, Winkel ,G Levin NW and Cortell, S Daily Ultrafiltration Results in Improved Blood Pressure Control and More Efficient Removal of Small Molecules during Hemodialysis *Blood Purif.* 34:325-331(2012)

C. Research Support

United States Public Health Service National Institute of Arthritis, Metabolism, and Digestive Diseases
Research Trainee, 1967-1970

NIH Career Development Award, 1970–1975

Principal Investigator, NIH Research Grant, 1972–1975, "Tubular Control of Acid-base Balance"

Principal Investigator, NIH Research Grant, 1975–1978, "Intrarenal Control of Sodium Excretion"

National Kidney Foundation Principal Investigator, 2003–2004, KEEP 3.0 Study

National Institutes of Health, Investigator, Research Grant, "Compact Membraneless Device for Hemodialysis, 2005 -2013