

THE UNIVERSITY OF MICHIGAN
Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

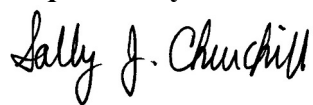
Joel M. Weinberg, M.D., professor of internal medicine in the Department of Internal Medicine, Division of Nephrology, Medical School, retired from active faculty status on January 3, 2024.

Dr. Weinberg received his B.A. degree from New York University in 1972 and his M.D. degree from Harvard Medical School in 1976. He completed an internal medicine residency and clinical fellowship in nephrology at the Peter Bent Brigham Hospital in Boston in 1979, followed by a research fellowship in nephrology at the University of Michigan in 1980. He then joined the University of Michigan faculty as an instructor of internal medicine in 1980, and was later promoted to assistant professor in 1981, associate professor in 1984, and professor in 1992. He served as acting chief then chief of Nephrology Section at the VA Medical Center Ann Arbor from 1983-85 and as director of Outpatient Nephrology Clinics at the University of Michigan from 1992-93.

Dr. Weinberg has pursued a world class research effort to understand the cellular basis for proximal tubule damage during acute kidney injury that has importantly shaped current understanding of this process and of cell death in all organ systems. Most important was his seminal discovery that necrotic cell death is a regulated process controlled by availability of the amino acid, glycine, which he and others went on to show acted by inhibiting ATP depletion-induced development of dysfunctional large hydrophilic pores formed by dysfunctional aggregation of a plasma membrane protein. Dr. Weinberg has made major contributions to the understanding of mitochondrial dysfunction, cellular calcium level perturbations, fatty acid dysregulation and oxidative stress to kidney injury including the first demonstrations of apoptosis and ferroptosis produced by hypoxia in tubule cells. His work was supported for over 35 years by the NIH and the VA. He was elected to the ASCI and to the AAP. He served for over 12 years on the renal pathophysiology NIH study sections and multiple terms on the editorial boards of the major kidney journals. He has been an active clinical faculty member and has taught generations of residents and fellows. Since 2000, he has been responsible for directing the preclinical teaching in renal diseases for the Medical School, which is currently part of Block 3 of the M1 curriculum.

The Regents now salute this distinguished faculty member by naming **Joel Weinberg, professor emeritus of internal medicine**.

Requested by:



Sally J. Churchill, J.D.
Vice President and Secretary of the University

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