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***“How HIV makes you sick: mechanisms of CD4 T-cell loss and recovery”***

Dr. Michael Lederman is Director of the Center for AIDS Research at Case. He received his degree in medicine from the Mt. Sinai School of Medicine and served as intern, resident, chief resident in Medicine and fellow in Infectious Diseases at Case, where he joined the faculty in 1980.

He has been engaged in AIDS research and care since 1983, when he and Oscar Ratnoff described sub-clinical immune deficiency in otherwise healthy men with haemophilia. Dr. Lederman has been director of the AIDS Clinical Trials Unit at Case since its founding in 1987. His work has focused on the mechanisms of immune deficiency and immune restoration in HIV infection, and more recently, on the feasibility of CCR5 sequestration as a topical strategy to prevent HIV transmission.

Dr. Lederman is chairman of the AIDS Clinical Epidemiology Study Section at the National Institutes of Health (NIH) and serves on the Scientific Advisory Board of the French National Agency for AIDS Research (ANRS), the Forum for Collaborative Research and the Wellcome Trust Tropical and Clinical Immunology and Infectious Diseases Funding Committee.