

George Kuchel, M.D., F.R.C.P.

Professor of Medicine, Travelers Chair in Geriatrics and Gerontology at University of Connecticut

Storrs, CT, US

Improving health and independence in older adults through multidisciplinary team science

Biography

My research has always been translational, seeking to define and target risk and mechanistic pathways contributing to functional declines involving voiding, cognition, mobility and host defense. In order to move the field from a description of associations to an understanding of mechanisms, my colleagues and I have sought to overcome barriers between studies involving human subjects and research conducted using cells and animal models. Thus, over the years my own research activities have moved back and forth between the bench and more clinical and translational settings. My ability to accomplish these scientific objectives and to also mentor trainees involving such multifaceted experimental approaches is made possible by the fact that the UConn Center on Aging is the multidisciplinary home to clinical investigators, population and social scientists, as well as basic researchers - all supported by a total research portfolio exceeding \$ 40 million. At the UConn Center on Aging, we have established a research program focused on Precision Gerontology. This is an effort to leverage discoveries in the gerontological sciences towards the development of clinical interventions that are more precise and effective by virtue of better addressing increasing variability between individuals with aging. To that end, we are focused on defining risk factors and mechanisms that are implicated in both aging and chronic diseases, using such information to design more specific and effective interventions. Such efforts are enabled by the fact that our Center is the multidisciplinary home to basic scientists, clinical investigators and population researchers whose work is supported by a broad funding portfolio.

Areas of Expertise

Mobility and Frailty, Voiding Issues and Urinary Incontinence, Geroscience, Geriatric Medicine, Aging, Gerontology, Vaccines and Immunology of Aging, Delirium and Dementia

Affiliations

UConn John Dempsey Hospital

Education

Mount Sinai School of Medicine

Postdoctoral Fellowship

Harvard

Postdoctoral Fellowship

Harvard

Fellowship Geriatrics and Gerontology Fellowship

Montreal General Hospital

Int. Med. Residency

Montreal General Hospital

Internship

McGill University

M.D.

Vanier College

D.E.C. Health Sciences

Accomplishments**Academy for Health and Lifespan Research**

AHLR is the leading organization comprising the world's most esteemed scientists dedicated to studying the mechanisms of aging and developing interventions to slow and reverse the process. Its members are elected annually based on their significant scientific contributions and commitment to the community.

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