



UNIVERSITY OF THESSALY
SCHOOL OF HEALTH SCIENCES
FACULTY OF MEDICINE
DEPARTMENT OF PHYSIOLOGY



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International Seminars in Physiology Series

Seminar Announcement

Established in February 2024, the monthly series of scientific seminars with distinguished guest speakers from around the world. In our second seminar for the academic year 2025-2026 we are delighted to host **Prof. Alan Verkman**.

Wednesday October 8th 2025 at 15:00 Greece time

Targeting epithelial chloride transporters by small molecules to treat diseases

Alan S. Verkman, M.D., Ph.D

Professor Emeritus

UCSF School of Medicine

University of California San Francisco, USA

The seminar will be 45 minutes followed by 15 minutes allocated to discussion. To participate in the seminar, you can use the Zoom Meeting link:

<https://zoom.us/j/94707528154?pwd=6zzI9Elr6ASdyTHuGWB63sBmsb1lXG.1>

Meeting ID: 947 0752 8154

Passcode: 315348

The speaker: Dr. Verkman received his MD and Ph.D. degrees at Harvard University and has worked in the areas of epithelial physiology and neurobiology, including small molecule drug development. He is most known for discovery of the first small molecule modulators of CFTR, the defective gene in cystic fibrosis, and for elucidating novel roles of aquaporin water channels. Dr. Verkman has done groundbreaking work in the field of Neuromyelitis Optica (NMO) by identifying the binding of NMO-IgG autoantibody to AQP4 water channels in astrocytes elucidating the pathogenesis of the disease. He has published more than 700 publications and more than 40 patents, which have been cited more than 103,000 times, an h-index of 175, and several of his drug candidates are in clinical trials. Dr. Verkman has received numerous awards, most recently the 2025 Hans H. Ussing award of the American Physiological Society.

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