

Dr Eduardo A Groisman

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Bio-sketch:

Eduardo A. Groisman is originally from Argentina. He received an MS in Biochemistry from the University of Buenos Aires and a PhD in Molecular Genetics and Cell Biology from the University of Chicago. He carried out postdoctoral training at the Institut Pasteur in Paris, The Scripps Research Institute in La Jolla, California, and the University of California, San Diego. He was a faculty member of the Department of Molecular Microbiology at the Washington University School of Medicine between 1990 and 2010. From 2010 to the present, he is a faculty member of the Department of Microbial Pathogenesis and the Yale School of Medicine. He was an investigator of the Howard Hughes Medical Institute between 1997 and 2016. He was elected to Fellowship in the American Academy of Microbiology, the American Association for the Advancement of Science, and the American Academy of Arts and Sciences.

Groisman has been investigating Mg²⁺ homeostasis in bacteria for over 30 years. His laboratory discovered the first sensors of extracytoplasmic Mg²⁺ and of cytoplasmic Mg²⁺, and established the central role that cytoplasmic Mg²⁺ plays in bacterial protein synthesis, metabolism, and pathogen virulence.

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