

Dr. Dimitrios Mastellos is a Director of Research at the National Center for Scientific Research 'Demokritos' in Athens, Greece. Dimitrios studied biology at the University of Patras, Greece, and earned his PhD in Immunology from the Medical School of the same institution. His research has been focused on various facets of complement biology and inflammation and on studying their broader implications in health, disease, and therapy. During his postdoctoral training with Professor John Lambris at the Perelman School of Medicine at the University of Pennsylvania, he applied animal disease models to interrogate the role of complement-triggered signaling pathways in diverse pathophysiological processes and immunological milieus. His research at 'Demokritos' focuses on how complement modulates innate immune activation, host-pathogen interactions, and inflammatory signaling in health and disease. His group is also involved in developing novel biodiagnostic tools for monitoring complement activity in clinical disorders and assessing complement biomarkers as a correlate of drug efficacy in clinical trials of complement-targeted inhibitors.