

Associate Professor Konstantinos Poulas, PhD



Konstantinos Poulas was born in 1970 in Athens. He studied biology at the Athens University where he has also completed his Ph.D. Since 2003, he has been a faculty member of the Department of Pharmacy at the University of Patras. He serves as Scientific Advisor of two biotechnological companies in Greece and he is the co-founder of one. He is currently offering services within the University of Patras for the diagnosis of autoimmune diseases' and biochemical/chemical analysis.

He has been working for 20 years on the elucidation of the structure and function of Acetylcholine Receptor(s) and on its interaction with autoantibodies or monoclonal antibodies. Moreover, his scientific work included the studying of the molecular structure of monoclonal antibodies and fragments of the acetylcholine receptor. In addition, he developed two new methodologies for the crystallization of proteins, for one of which he owns an international patent. For the last three years he is working on a new scientific field, the

ELECTROCEUTICALS. He is studying the effect of Wireless Microcurrent Stimulation (WMCS) technology and Pulsed Electromagnetic Fields (PEMF) technology on wound healing, burns and pain. Since last year he is studying and analyzing the e-liquids (before and after vaping) and also the effects of vaping at molecular, cellular and histological level.

He has about 60 publications in peer reviewed journals and he is currently participating in HORIZON2020 but also on national projects.