

Georgios Pampalakis

Dr. Georgios Pampalakis studied Chemistry (2000) at the University of Patras, Greece and obtained an MSc in Pharmaceutical Biotechnology and Biomedicine (2002) and a PhD from the Department of Pharmacy (2005) of the same University. After completed his military service as a fuel and lubricant chemist, he worked as a postdoc at the Department of Pharmacy, University of Toronto, Canada and at the Department of Pharmacy University of Patras, Greece. Currently he is an Assistant Professor of Pharmaceutical Biotechnology at the School of Pharmacy, Aristotle University of Thessaloniki. His research interests aim to shed light onto the mechanisms by which kallikreins (mainly KLK6 and KLK5) modulate skin inflammation and pathological overdesquamation, but also with skin cancer and on the role of KLK6 in proteinopathies including Parkinson Disease. He is also interested in the chemical synthesis and biochemical evaluation of new organophosphate activity-based probes for serine proteases, and in the designing of new ABP-based diagnostic assays. Further, he is studying the biotechnological and biochemical applications of chemobrionics (inorganic biomimetic plant-like structures). He is an author of 56 publications in peer-reviewed journals (citations google scholar >2600, h-index 27), has two patents and has identified 8 new DNA/RNA sequences. He is a member of the editorial board for the journal BMC Chemistry, has served as a reviewer in 47 journals, and has received three poster awards in national and international meetings. In 2018 he received the award from Empirikio Foundation (with Prof. Georgia Sotiropoulou) for the work on the role of KLK5 in Netherton syndrome.



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