



Assistant Professor Dr Yiorgos Apidianakis

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Yiorgos Apidianakis, PhD, has been trained for 10 years at Harvard Medical School in Biomedical Research. He worked for 6 years as a postdoctoral fellow and 4 years as an Instructor in Medicine in the field of human infectious diseases, practicing his research at the Massachusetts General Hospital and the Shriners Hospitals for Children in Boston, USA. He is an expert in modeling human infectious diseases and carcinogenesis in model organisms using *Drosophila* and mice for preclinical trials (Apidianakis and Rahme Nat. Protoc. 2009; Apidianakis et al PNAS 2009; Bangi et al EMBO Rep 2012). He extends the findings of his team with the use and analysis of human samples from clinical studies. For example, he has found that the *Drosophila* detoxification gene Glutathione S-transferase S1 (GstS1) and its mouse and human analog (GSTA4) contribute to host defence against infection with the human opportunistic pathogen *Pseudomonas aeruginosa* (Apidianakis et al PNAS 2005; Apidianakis et al PLoS One 2007; Apidianakis et al FASEB J. 2012). At the University of Cyprus he leads "The Cyprus Intestinal Health Study" (National Bioethics Committee Licence Number: EEBK/ΕΠ/2015/38) a translational to clinical study to explore primarily the effect of regenerative inflammation in colon cancer (Panayidou and Apidianakis Pathogens 2013; Panagi et al Oncotarget 2015; Apidianakis and Iliopoulos EMBO Rep 2015).