



Dr. **Kosmas Ellinas** (M) is Assistant Professor in Applied Physics and Nanotechnology in the Department of Food Science and Nutrition of the University of the Aegean (<https://www.fns.aegean.gr/eng/ellinas>). He has participated in more than 14 research projects several as PI or co-PI with National, European as well as private funding (i.e. BIC VIOLEX S.A.). He is currently the PI in three National research projects and one Erasmus+ KA2, Higher education sector projects (total budget > 1 M Euros). As post-doctoral researcher he had acquired 2 scholarships from State Scholarships Foundation (IKY) and Stavros Niarchos Foundation, he is the author or co-author in more than 44 publications and inventor or co-inventor in 4 patents. In 2023, he was selected as the winner of the prestigious [Young Investigator and Lectureship Award from MNE journal, Elsevier](#) for his contribution in the fields of Nanofabrication and Nanotechnology for Life Sciences, Physics, Chemistry and Environmental Sciences. He is also one of the co-founders of the Spin-off company of NCSR Demokritos, called Nanoplasmas Private Company (www.nanoplasmas.com), under his management (2016-2022) the company had raised two venture capital funding rounds (500.000 Euros) for the commercialization of high-end diagnostics for health, food safety, agricultural and environmental applications.

Research interests

- Microfluidics/Labs on chip
- Functional nanotechnology based surfaces (antibacterial, antifouling, control of optical surfaces, wetting, atmospheric water collection)
- Surface science
- Interfacial phenomena/wetting