



Name: Maria Villiou

Project title: Bioinspired Medical Adhesives

Interests: Biopolymers, Stem Cells, Regenerative Medicine, Tissue Engineering

Supervisors: Prof. Dr. Aranzazu del Campo Becares

Host institution: Leibniz – Institut für Neue Materialien gGmbH, Saarbrücken, Germany

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**Short CV
(text)**

Maria obtained her basic degree in the department of Chemistry at Aristotle University of Thessaloniki in 2014, where she also carried out her Bachelor diploma thesis in the field of Organic Synthesis, Biochemistry & Bioapplications. As her bachelor thesis, last year of her studies she was involved in a joint project between AU and EMSE. The project required developing an in vitro toxicology platform using conducting polymer, PEDOT:PSS, device arrays coupled with cell cultures or murine tissue slices aiming to monitor the neural activity of animal models. In AU she studied the kinetic investigation of isomerisation of fatty acids by free radicals and attempt to block this alteration. After her graduation, she was a MSc student in “Biomedical Sciences” post graduate program at the Medical School of the University of Patras, aiming to specialize in the field of Stem Cells & Regenerative Medicine, where her scientific project concerns the role of a novel protein called Geminin in tumor initiation and malignant stem cell generation/maintenance in colorectal cancer. Currently, she is a PhD candidate student under the supervision of Prof Aránzazu del Campo Bécares at the Leibniz Institute for New Materials.

CV (table)

15.08.2016- 15.08.2019	PhD candidate in Prof del Campo' lab (Aranzazu.delCampo@leibniz-inm.de), at the Leibniz Institute for New Materials, focused on "Bioinspired Medical Adhesives".
11.2014 – 25.07.2016	Msc student in "Biomedical Sciences" & Lab assistant at the Medical School of the University of Patras, Greece, in Prof Taraviras' lab (taraviras@med.upatras.gr). Overall grade: 1st.
01.08.2015 – 30.08.2015	Graduate research intern in Bioelectronics under the supervision of Prof George Malliaras (malliaras@esme.fr), at the Department of Bioelectronics, Microelectronique de
10.2014 – 04.2015	Certificate in "Introduction to Nanomedicine" at the Medical School of the National and Kapodistrian University of Athens, Greece, Overall Grade: 1st.
09.2014 – 02.2015	Certificate in the Use of Animals in Biomedical Research, Faculty of Medicine, University of Patras, Greece. Supervisors: Prof Adamantia Mitsacou (mitsacos@upatras.gr) and Prof
01.07.2014 – 30.09.2014	Research intern in Bioelectronics under the supervision of Prof George Malliaras (malliaras@esme.fr), at the Department of Bioelectronics, Microelectronique de Provence, France.
09.2010 – 06.2014	Bsc student in the Faculty of Science, at the Department of Chemistry at Aristotle University of Thessaloniki, Greece, in Prof Lykakis' lab (lykakis@chem.auth.gr). Overall grade: 2:1.
01.07.2013 – 31.08.2013	Intern as a chemical analyst at the State General Laboratory in Thessaloniki, Greece, under the supervision of Dr Petroula Tarantili (xy.bthessaloniki@gcsl.gr).