

Dr. Dimitra Makatsori, Staff Scientist

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Dr. Dimitra Makatsori graduated from the Biology Department of Cardiff University, Wales, U.K. in 1997 with a specialization in Genetics (B.Sc. in Genetics). She obtained her Master's Degree (M.Sc.) in Neurosciences from the Medical School of the University of Crete in 2000 as a Postgraduate Scholar of the EPEAEK Neurosciences program. Subsequently, she obtained her Doctorate (Ph.D) in the field of cell, molecular biology and biochemistry in the laboratory of Professor S. Georgatos at the Biology Laboratory of the Medical School of the University of Ioannina in 2006. She was awarded with a Scholarship by the EMBO organization (European Molecular Biology Organisation), a Short Term Fellowship for G. Griffiths' laboratory at EMBL/Heidelberg on the study of localization of nuclear envelope proteins at the level of the Electron Microscope. In the period of 2007-2008, she worked as a Biologist in the Pathological Anatomy Laboratory of the 'HYGEIA' Hospital. Then, in 2009, she assumed the position of the Staff Scientist (E.T.E.) in the Laboratory of Molecular Biology & Immunobiotechnology at the Department of Immunology of the Hellenic Pasteur Institute.

In the period from 7/2022 to 1/2024 she participated in the Molecular & Cellular Ageing Group with Dr. Efstathios Gonos as a P.I. (Director General of the H.P.I.).

Following that, she was appointed to the position of Staff Scientist (E.T.E.) at the Laboratory of Immunology at the Department of Immunology of the Hellenic Pasteur Institute.

#### PUBLICATIONS

1. Ivanova II, Mihaylova NM, Manoylov IK, Makatsori D, Lolov S, Nikolova MH, Mamalaki A, Prechl J, Tchorbanov AI. Targeting of Influenza Viral Epitopes to Antigen-Presenting Cells by Genetically Engineered Chimeric Molecules in a Humanized NOD SCID Gamma Transfer Model.

Hum Gene Ther. 2018 Sep; 29(9):1056-1070.

2. Dialynas GK\*, Makatsori D\*, Kourmouli N, Theodoropoulos PA, McLean K, Terjung S, Singh PB, Georgatos SD. Methylation-independent binding to histone H3 and cell cycle-dependent incorporation of HP1 $\beta$  into heterochromatin.

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(\*these authors contributed equally to this work)

3. Makatsori D, Kourmouli N, Polioudaki H, Shultz LD, McLean K, Theodoropoulos PA, Singh PB, Georgatos SD. The inner nuclear membrane protein lamin B receptor forms distinct microdomains and links epigenetically marked chromatin to the nuclear envelope.

J Biol Chem. 2004 Jun 11; 279 (24):25567-73.