

LINA PAPADIMITRIOU

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EXPERIENCE

2018 – TODAY

POSTDOC, IESL-FORTH

Post-doctoral Researcher at the Ultrafast Laser Micro and Nano Processing Lab, in the group for Tissue engineering, Regenerative Medicine and Immunology, Institute of Electronic Structure and Laser, FORTH, Heraklion, Crete, Greece.

2014 – 2015

POSTDOC, IESL-FORTH

Post-doctoral Researcher at the Biomaterials lab of the Department of Materials Science and Technology and at the Institute of Electronic Structure and Laser, FORTH, Heraklion, Crete, Greece

2011 – 2013

POSTDOC, IMBB-FORTH

Post-doctoral Researcher at the Plant molecular Biology lab at the Institution of Molecular Biology and Biotechnology, FORTH, Heraklion, Crete, Greece.

2010 – 2011

POSTDOC, BRFAA-ACADEMY OF ATHENS

Post-doctoral Researcher at the Metabolic Diseases and Stress lab at the Biomedical Research Foundation (BRFAA) Academy of Athens, Greece

AWARDS/PRIZES/DISTINCTIONS

2006-2009

PH.D THESIS, FELLOWSHIP FROM THE GENERAL SECRETARIAT FOR RESEARCH AND TECHNOLOGY

1999-2000

M.SC THESIS, FELLOWSHIP FROM THE GREEK MINISTRY OF EDUCATION CO-FUNDED BY THE EUROPEAN UNION

EDUCATION

2009

PH.D., MOLECULAR BIOLOGY/IMMUNOLOGY - DEPARTMENT OF BIOLOGY
UNIVERSITY OF CRETE, GREECE

Study of the HLA-DR/HLA-DO interaction in the formation of a complex allowing leukemic cells to escape immune surveillance

2000

M.SC., MOLECULAR BIOLOGY-BIOTECHNOLOGY/BIOMEDICINE - UNIVERSITY OF
CRETE, GREECE

Th1 and Th2 lymphokine-driven induction and secretion of chemokine receptors from primary human trophoblasts and murine ectoplacental cone derived trophoblasts

1997

B.SC., BIOLOGY – SCHOOL OF SCIENCES AND ENGINEERING, UNIVERSITY OF CRETE,
GREECE

Characterization of cytokines in the maternal uterus during days 2 and 3 of gestation

INTERESTS

- Tissue engineering and Regenerative Medicine
- Cell-Biomaterials Interface
- Scaffolds – Immune System interactions
- Cell sensing and response to chemical and topographical clues
- Cell adhesion and intracellular signaling
- Neuronal cells differentiation and regeneration
- Nanoparticles for drug delivery

MEMBERSHIPS

- Member of the Alps-Adria Society of Immunology of Reproduction (AASRI)
- Member of the European Society of Immunology of Reproduction (ESRI)
- Member of the Hellenic Society of Immunology (HELSIM)

PUBLICATIONS

- **Co-polymeric biomaterials for bone tissue engineering (2017)**
Chatzinikolaidou M., Kaliva M., Papadimitriou L., Georgopoulou A., Mygdali E., Vamvakaki M.
Engineering of Biomaterials, 2017 Vol. 20, no. 143 spec. issue 6
- **Imunomodulatory Potential of Chitosan-graft-poly(ϵ -caprolactone) Copolymers toward the Polarization of Bone-Marrow-Derived Macrophages (2016)**
Lina Papadimitriou, Maria Kaliva, Maria Vamvakaki, and Maria Chatzinikolaidou ACS Biomater. Sci. Eng., 2017, 3 (7), pp 1341–1349
- **Expression of MIF and CD74 in leukemic cell lines: correlation to DR expression destination (2016)**

Mirella Georgouli, Lina Papadimitriou, Maria Glymenaki, Valia Patsaki, Irene Athanassakis. Biol. Chem. 2016 Feb 11;1437-4315

- **DOalpha-beta expression in favor of HLA-DR engagement in exosomes (2013)**
Papadimitriou L, Zerva I, Georgouli M, Makatounakis T, Papamatheakis J, Athanassakis I. Journal of Immunobiology. 2013 Aug;218(8):1019-25.
- **Glucocorticoid and proteasome inhibitor impact on the leukemic lymphoblast: multiple, diverse signals converging on a few key downstream regulators (2012)**
Lambrou GI, Papadimitriou L, Chrousos GP, Vlahopoulos SA. Mol Cell Endocrinol. 2012 Apr 4;351(2):142-51. Epub 2012 Jan 18.
- **Characterization of intracellular HLA-DR, DM and DO profile in K562 and HL-60 leukemic cells (2008)**
Papadimitriou L, Morianos I, Michailidou V, Dionyssopoulou E, Vassiliadis S, Athanassakis I. Mol Immunol. 2008 Sep;45(15):3965-73. Epub 2008 Jul 26
- **Murine ectoplacental cone-derived trophoblast cells express chemokine receptors (2001)**
Athanassakis I, Papadimitriou L, Vassiliadis S. Journal of Reproductive Immunology, 2001 May;50(2):105-19
- **Th1- and Th2-type lymphokine-assisted induction and release of chemokine receptors from primary human trophoblast cells (2000)**
Athanassakis I, Papadimitriou L, Koumantakis E, Vassiliadis S. Hum Immunol 2000 Jul;61(7):651-7
- **Pepstatin A inhibits the rapid turnover of chemokine receptors on trophoblast cells: Application on HIV therapy (2000)**
Athanassakis I, Protopadakis E, Papadimitriou L, Vassiliadis S. Exp. AIDS Res., 5: 95-103, 2000
- **Interferon-gamma induces differentiation of ectoplacental cone cells to phenotypically distinct trophoblasts (2000)**
Athanassakis I, Papadimitriou L, Bouris G, Vassiliadis S. Developmental & Comparative Immunology 2000 Sep-Oct;24(6-7):663-72
- **Uterine cytokine production during the menstrual cycle and preimplantation stages in mice (1999)**
Athanassakis I, Farmakiotis V, Papadimitriou L. Dev Immunol 1999;7(1):33-42
- **Serum levels of pro- and anti-inflammatory cytokines in non-pregnant women, during pregnancy, labour and abortion (1998)**
Vassiliadis S, Ranella A, Papadimitriou L, Makrygiannakis A and Athanassakis I. Mediators of Inflamm 1998;7(2):69-72