

Curriculum vitae

Nikos Papaioannou (14/08/1992), Ph.D. in Medical Research (Immunology)

Post Doctoral Researcher, Immune Regulation Laboratory, BRFAA, 11527 Athens, Greece

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1. Education:

- 12/2016-12/2020 Ph.D. in Medical Research/Immunology, Biomedical Center, LMU Munich, Planegg-Martinsried, Germany
Supervisor: Prof. Dr. Barbara Schraml-Schotta; thesis defence on 05/07/2021
- 12/2014-06/2016 M.Sc. "Applications of Biology in Medicine", National and Kapodistrian University of Athens, Greece
M.Sc. Thesis Advisory Committee: Prof. Dr. Ourania Tsitsiloni, Prof. Dr. Evangelos Terpos, Prof. Dr. Andreas Skorilas
- 09/2010-09/2014 B.Sc. in Biology, National and Kapodistrian University of Athens, Greece
B.Sc. Thesis Supervisor: Prof. Dr. Ourania Tsitsiloni

2. Research employment:

- 01/2026-present **Post Doctoral Researcher**, Biomedical Research Foundation of the Academy of Athens, Athens, Greece
Supervisor: Prof. Dr. Themis Alissafi
- 02/2024-12/2025 **Post Doctoral Researcher**, Laboratory of Biology, Medical School, NKUA, 12462 Athens, Greece
Supervisor: Prof. Dr. Themis Alissafi
- 02/2021-02/2024 **Post Doctoral Researcher**, Biomedical Research Foundation of the Academy of Athens, Athens, Greece
Supervisor: Prof. Dr. Themis Alissafi
- 12/2016-12/2020 **Ph.D. student**, Medical Research/Immunology, Biomedical Center, LMU Munich, Planegg-Martinsried, Germany
Supervisor: Prof. Dr. Barbara Schraml-Schotta
- 06/2016-07/2016 **Internship Researcher**, IKYDA 2016
- 10/2014-09/2015 **Biologist-Researcher**, Scientific Project ISPEBREAST

3. Teaching:

- 1) M.Sc. Curriculum "Immunology: Basic Principles and Clinical Applications", Medical School, NKUA, Greece for the academic years **2023-2024**, **2024-2025** and **2025-2026**
- 2) M.Sc. Curriculum "Infectious Diseases – International Medicine: From bench to bedside", School of Health Sciences, DUTH, Greece for the academic year **2025-2026**

4. Awards:

- 1) **Aegean Conference Award for Poster Presentation** during the 5th International Conference on ImmunoMetabolism: Molecular and Cellular Immunology of Metabolism, Chania, 2023
- 2) **EFIS-EJI Travel Grant** for participation in the 5th European Congress of Immunology, Amsterdam, 2018
- 3) **Travel award** for participation in the 30th Congress of the International Society for Advancement of Cytometry, Glasgow, 2014
- 4) **Award from the Greek State Scholarships Foundations (IKY)** for excellence in biology studies during the academic year 2011-2012

5. Publication record:

Total citations of my published work:

- based on Google Scholar : **800**
- based on Scopus : **550**

H index:

- based on Google Scholar : **9**
- based on Scopus : **8**

1) Altunöz D, Shakiba R, Ravi Rengarajan K, Narasimhan H, **Papaioannou NE**, ..., Schraml BU. Peri-weaning, diet-induced activation of an IFN γ -mediated regulatory circuit promotes cDC1 maturation and CD8⁺ T cell differentiation. Nat Commun. 2026 Aug 4;17(1):7631. doi: 10.1038/s41467-026-75853-5.

2) Narasimhan H, Richter ML, Shakiba R, **Papaioannou NE**, ..., Schraml BU. RORyt-expressing dendritic cells are functionally versatile and evolutionarily conserved antigen-presenting cells. Proc Natl Acad Sci U S A. 2025 Mar 4;122(9):e2417308122. doi: 10.1073/pnas.2417308122.

3) Tasis A, **Papaioannou NE**, ..., Mitroulis I. Single-Cell Analysis of Bone Marrow CD8⁺ T Cells in Myeloid Neoplasms Reveals Pathways Associated with Disease Progression and Response to Treatment with Azacitidine. Cancer Res Commun. 2024 Dec 1;4(12):3067-3083. doi: 10.1158/2767-9764.CRC-24-0310.

4) Kerdidani D, **Papaioannou NE**, Nakou E, & Alissafi T. Rebooting Regulatory T Cell and Dendritic Cell Function in Immune-Mediated Inflammatory Diseases: Biomarker and Therapy Discovery under a Multi-Omics Lens. Biomedicines. 2022 Aug 31;10(9):2140. doi: 10.3390/biomedicines10092140

5) **Papaioannou NE**, ..., Schraml BU.

Environmental signals rather than layered ontogeny imprint the function of type 2 conventional dendritic cells in young and adult mice. Nat. Commun. 2021 Jan 19;12(1):464. doi: 10.1038/s41467-020-20659-2

6) Birmpilis AI, Vitsos P, Kostopoulos IV, Williams L, Ioannou K, Samara P, Karachaliou CE, Voutsas IF, Alyfanti E, Angelis N, Gavalas NG, Gkraiou T, Kappa N, Klagkou E, Klimentzou P, Nikou S, **Papaioannou NE**, ..., Voelter W.

Prothymosin α and Its C-Terminal Immunoreactive Decapeptide Show no Evidence of Acute Toxicity: A Preliminary In Silico, In Vitro and In Vivo Investigation, Curr Med Chem 2022; 29(42):6463-6478. doi: 10.2174/0929867328666211117093401.

7) Kostopoulos IV, Eleutherakis-Papaiakevou E, Rousakis P, Ntanasis-Stathopoulos I, Panteli C, Orogas-Stavrou N, Kanellias N, Malandrakis P, Liacos CI, **Papaioannou NE**, ..., Terpos E.

Aberrant Plasma Cell Contamination of Peripheral Blood Stem Cell Autografts, Assessed by Next-Generation Flow Cytometry, Is a Negative Predictor for Deep Response Post Autologous Transplantation in Multiple Myeloma; A Prospective Study in 199 Patients. Cancers (Basel). 2021 Aug 11;13(16):4047. doi: 10.3390/cancers13164047

8) Salei N, Rambichler S, Salvermoser J, **Papaioannou NE**, ..., Schraml BU.

The Kidney Contains Ontogenetically Distinct Dendritic Cell and Macrophage Subtypes throughout Development That Differ in Their Inflammatory Properties. J Am Soc Nephrol. 2020 Feb;31(2):257-278. doi: 10.1681/ASN.2019040419

9) **Papaioannou NE**, Pasztoi M, Schraml BU.

Understanding the Functional Properties of Neonatal Dendritic Cells: A Doorway to Enhance Vaccine Effectiveness? Front Immunol. 2019 Jan 10;9:3123. doi: 10.3389/fimmu.2018.03123

10) Salvermoser J, van Blijswijk J, **Papaioannou NE**, ..., Schraml BU.

Clec9a-Mediated Ablation of Conventional Dendritic Cells Suggests a Lymphoid Path to Generating Dendritic Cells In Vivo. Front Immunol. 2018 Apr 16;9:699. doi: 10.3389/fimmu.2018.00699

11) Samara P, Karachaliou CE, Ioannou K, **Papaioannou NE**, ..., Voelter W.

Prothymosin Alpha: An Alarmin and More... Curr Med Chem. 2017;24(17):1747-1760. doi:10.2174/0929867324666170518110033

12) **Papaioannou NE**, Beniata OV, Vitsos P, Tsitsilonis O, Samara P.

Harnessing the immune system to improve cancer therapy. Ann Transl Med. 2016 Jul;4(14):261. doi: 10.21037/atm.2016.04.01

13) **Papaioannou NE**, Voutsas IF, Samara P, Tsitsilonis OE.

A flow cytometric approach for studying alterations in the cytoplasmic concentration of calcium ions in immune cells following stimulation with thymic peptides. Cell Immunol. 2016 Apr;302:32-40. doi: 10.1016/j.cellimm.2016.01.004

Pubmed link :

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Papaioannou+N+E>