

PERSONAL INFORMATION	
SURNAME	Chatzioannou
NAME	Aikaterini
DATE OF BIRTH	11.11.1982
PLACE OF RESIDENCE	Athens, Greece
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EDUCATION

01.2005 - 02.2012	Ph.D in Immnology , Faculty of Medicine, National and Kapodistrian University of Athens, Greece
09.2000 - 09.2004	B.S. in Biology , Department of Biology, School of Science, National and Kapodistrian University of Athens, Greece

RESEARCH EXPERIENCE

09.2025	Current position Staff Scientist of the “Inflammation and Autoimmunity” laboratory of Biomedical Research Foundation Academy of Athens, Greece.
03.2023 – 07.2025	Independent Research Principal investigator of the research project: «Delineation of the role of adipose tissue immune cells in tumor development and immunotherapy response» financed in the context of the 3 rd call for Hellenic Foundation for Research & Innovation Research Projects to support Postdoctoral Researchers.
03.2021 – 02.2023	Post-doctoral researcher on cancer therapeutics and systemic inflammation. Institute for Clinical Chemistry and Laboratory Medicine, University Hospital and Faculty of Medicine Carl Gustav Carus of TU Dresden, Germany.
02.2012 - 02.2021	Post-doctoral researcher on tumor microenvironment immunomodulatory mechanisms and their therapeutic targeting. Laboratory of Immune Regulation and Tolerance, Center of Clinical, Experimental Surgery, & Translational Research, Biomedical Research Foundation Academy of Athens, Greece.
01.2008 - 12.2011	Research associate of the research program “The role of the non enzymatic glycosylation in the production of anti-thyroglobulin antibodies in women with gestational diabetes”. Immunology laboratory, Hellenic Pasteur Institute, Greece.

PUBLICATIONS (*Selected*)

21 total, 9 first name, H-index=15 (Google Scholar), Citations = 1479 (Google Scholar)

Total Impact Factor = 238,7 (BioxBio), Mean Impact Factor = 12,6 (BioxBio)

- Innate immune training of osteoclastogenesis promotes inflammatory bone loss in mice. Haacke N, Wang H, Yan S, Barovic M, Li X, Nagai K, Botezatu A, **Hatzioannou A**, Gercken B, Trimaglio G, Shah A U, Wang J, Ye L, Jaykar M T, Rauner M, Wielockx B, Chung K, Netea M G, Kalafati L, Hajishengallis G, Chavakis T. Dev Cell 60: 1854-1870, 2025, doi: 10.1016/j.devcel.2025.02.001
- An immunological synapse formation between T regulatory cells and cancer-associated fibroblasts promotes tumor development. Varveri A, Papadopoulou M, Papadovasilakis Z, Compeer EB, Legaki AI, Delis A, Damaskou V, Boon L, Papadogiorgaki S, Samiotaki M, Foukas PG, **Hatzioannou A**, Alissafi T, Dustin ML, Panayotis Verginis. Nat Commun. 11;15(1):4988, 2024, doi: 10.1038/s41467-024-49282-1
- The role of neutrophils in trained immunity. Kalafati L*, **Hatzioannou A***, Hajishengallis G, Chavakis T. Immunol Rev 314: 142, 2023, doi: 10.1111/imr.13142. *Equal contribution
- Cross-species transcriptome analysis for early detection and specific therapeutic targeting of human lupus nephritis. Frangou E, Garantziotis P, Grigoriou M, Banos A, Nikolopoulos D, Pieta A, Doumas SA, Fanouriakis A, **Hatzioannou A**, Manolakou T, Alissafi T, Verginis P, Athanasiadis E, Dermitzakis E, Bertsias G, Filia A, Boumpas DT. Ann Rheum Dis 81: 1409-1419, 2022, doi: 10.1136/annrheumdis-2021-222069
- Regulatory T cell transcriptomic reprogramming denominates adverse events by checkpoint inhibitors in solid tumors. Grigoriou M, Banos A, **Hatzioannou A**, Kloetgen A, Kouzis P, Aggouraki D, Zakopoulou R, Bamias G, Kassi E, Mavroudis D, Bamias A, Boumpas DT, Tsigirigos A, Gogas H, Alissafi T and Verginis P. Cancer Immunol Res 9: 726-734, 2021, doi: 10.1158/2326-6066.CIR-20-0969.
- Innate immune training of granulopoiesis promotes anti-tumor activity. Kalafati L., Kourtzelis I., Schulte-Schrepping J, Li X, **Hatzioannou A**, Grinenko T, Hagag E, Sinha A, Has C, Dietz S, Miguel de Jesus Domingues A, Nati M, Sormendi S, Neuwirth A, Chatzigeorgiou A, Ziogas A, Lesche M, Dahl A, Henry I, Subramanian P, Wielockx B, Murray P, Mirtschink P, Chung K, Schultze JL, Netea MG, Hajishengallis G, Verginis P, Mitroulis I, Chavakis T. Cell 183: 771-785, 2020 doi: [10.1016/j.cell.2020.09.058](https://doi.org/10.1016/j.cell.2020.09.058).
- An intrinsic role of IL-33 in Treg cell-mediated tumor immunoevasion. **Hatzioannou A**, Banos A, Sakelaropoulos T, Fedonidis C, Vidali MS, Kohne M, Handler K, Boon L, Henriques A, Koliaraki V, Georgiadis P, Zoidakis J, Termentzi A, Beyer M, Chavakis T, Boumpas D, Tsigirigos A, Verginis P. Nat Immunol 21: 75-85, 2020, doi: 10.1038/s41590-019-0555-2.
- Balancing cancer immunotherapy and immune-related adverse events: The emerging role of regulatory t cells. Alissafi T*, **Hatzioannou A***, Legaki AI, Varveri A, Verginis P. J Autoimmun. 104: 10231, 2019, doi: 10.1016/j.jaut.2019.102310 *Equal contribution
- Autophagy orchestrates the regulatory program of tumor-associated myeloid-derived suppressor cells. Alissafi T*, **Hatzioannou A***, Mintzas K, Barouni RM, Banos A, Sormendi S, Polyzos A, Xilouri M, WielockxB, Gogas H, Verginis P. J Clin Invest, 128: 3840-3852, 2018, doi: 10.1172/JCI120888. *Equal contribution
- Intratumoral accumulation of podoplanin-expressing lymph node stromal cells promote tumor growth through elimination of CD4+ tumor-infiltrating lymphocytes. **Hatzioannou A**, Nayar S, Gaitanis A, Barone F, Anagnostopoulos C, Verginis P. Oncoimmunology 5: e1216289, 2016, doi: 10.1080/2162402X.2016.1216289.

LECTURER OF MASTER PROGRAMS

Lecture title	Master program	University
Development and activation of T-cells / T-cell receptors. (3 hours, 2023-2026)	Immunology: Basic principles and Clinical applications	School of Medicine, National and Kapodistrian University of Athens
Experimental models (3 hours, 2021-2023)	Precision medicine	School of Medicine and Pharmaceutical school of the Aristoteleio University of Thessaloniki
Immune response to cancer (3 hours, 2018-2026)	The molecular base of human diseases	School of Medicine, University of Crete
Immune tolerance (1 hour, 2021-2026)	Molecular Biomedicine	School of Medicine, National and Kapodistrian University of Athens
Overview of the Immune response (1 hour, 2024-2026)	Immunology: Basic principles and Clinical applications	School of Medicine, National and Kapodistrian University of Athens
Basic immunological concepts: cutaneous diseases (1 hour, 2023-2026)	Malignant skin neoplasms	School of Medicine, National and Kapodistrian University of Athens
Tregs and their role in cutaneous cancer (1 hour, 2023-2026)	Malignant skin neoplasms	School of Medicine, National and Kapodistrian University of Athens

RESEARCH GRANTS AND FELLOWSHIPS

Project Title	Funding source	Period	Role
Delineation of the role of adipose tissue immune cells in tumor development and immunotherapy response	H.F.R.I Resarch Projects to support Post-Doctoral Fellows	2023-2025	Principal Investigator
New biomolecules in melanoma	Hellenic society of melanoma study	2018-2020	Design, execution, management
Stromal cells and anti-cancer immune response	Greek Federation of fellowships	2014-2016	Design, execution, management
BeTheCure #196	European Commission	2013-2014	Research Associate
ARISTEIA II #3468	Greek GSRT	2014-2015	Research Associate