

Vasiliki Koliaraki - Short CV

PERSONAL INFORMATION



Family name: Koliaraki
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EDUCATION

2009	Ph.D in Biomedicine School of Medicine, National and Kapodistrian University of Athens, and Hellenic Pasteur Institute, Athens, Greece (Supervisor: Dr. Avgi Mamalaki, Hellenic Pasteur Institute)
2003	B.S. in Biology Department of Biology, School of Science, National and Kapodistrian University of Athens, Greece

RESEARCH POSITIONS

2022 – present	Researcher B’ (Associate Professor level) Biomedical Sciences Research Center “Alexander Fleming”
2016 – 2022	Researcher C’ (Assistant Professor level) Biomedical Sciences Research Center “Alexander Fleming”
2009 – 2015	Post-Doctoral Fellow Prof. George Kollias Lab, Biomedical Sciences Research Center “Alexander Fleming”, Vari, Greece

TEACHING ACTIVITIES/ SUPERVISION OF STUDENTS AND POSTDOCS

2023 – present	Lecturer – Innate immunity, MSc in “Immunology: Basic principles and clinical applications, School of Medicine, National & Kapodistrian University of Athens
2019 – 2023	Lecturer – Signaling pathways and drug development, MSc in “Drug Development”, School of Medicine, National & Kapodistrian University of Athens
2016 – present	Lectures and organizer of the Journal Club module – MSc in “Molecular Biomedicine: Disease mechanisms, biological therapies and bioinnovation”, School of Medicine, National & Kapodistrian University of Athens. Topics: The tumor microenvironment and signaling – Cell cycle and cancer – Intestinal Inflammation – Light-sheet microscopy
2013 - present	Supervision of 4 Postdocs, 5 PhD students, and 6 Master students

FUNDING

2022 - 2025	Worldwide Cancer Research – PI
2022 - 2025	HFRI – 2nd HFRI Call for the support of Faculty Members and Researchers – PI
2023 - 2024	Global Grants for Gut Health – Nature awards – PI
2018 - 2021	HFRI – 1st HFRI Call for the support of PostDoc Researchers (PI: M. Sarris) – Mentor
2017 - 2019	Fondation Sante Biomedical Grant – PI

2017 - 2018	European Crohn's and Colitis Organisation (ECCO) – PI
2017 - 2021	InfrafrontierGR/Phenotypes, NSRF 2014-20 – Team member
2016 - 2019	Starting grant from the “Stavros Niarchos Foundation” – PI

REVIEWING

2016 - present	<u>Reviewer for Journals:</u> Science, Cell, Nature Immunology, Nature Communications, EMBO Molecular Medicine, Oncogene, Mucosal Immunology, Journal of Experimental and Clinical Cancer Research, Cancers, PlosOne, Mammalian Genome, Bioprotocol
2017 - present	<u>Reviewer for Grants:</u> - Member of the Reviewers Commission for the Scientific Evaluation for the Fondazione Regionale per la Ricerca Biomedica (FRRB) – (2025-2028) - ERA-PerMed 2021/2024 - German Research Foundation - Deutsche Forschungsgemeinschaft (DFG) - FWF – Österreichischer Wissenschaftsfonds - Wellcome Trust UK - KWF Kankerbestrijding – Dutch Cancer Society (DCS) - National Sciences Centre (Poland) - Health Research Council (New Zealand)

PUBLICATIONS (selected)

Metrics: 31 publications, h-index:23, 2062 citations (Source: [Google Scholar](#))

- Chalkidi N, Stavropoulou A, Arvaniti VZ, Paraskeva C, Monogiou A, Sakkou M, Nikolaou C, **Koliarakis V**. Notch3 regulates pericyte phenotypic plasticity in colorectal cancer. *Commun Biol*. 2026 Jan;9(1):343. doi: 10.1038/s42003-026-09629-4.
- Paraskeva C, Stavropoulou A, **Koliarakis V**. Cancer-associated fibroblasts: Recent advances and therapeutic implications. *Curr Opin Cell Biol*. 2026 Feb;98:102601. doi: 10.1016/j.ceb.2025.102601.
- Iliopoulou L, Tzaferis C, Prados A, Roumelioti F, **Koliarakis V**, Kollias G. Cellular complexity in murine ileitis: Different fibroblasts propel spatially defined ileal inflammation through TNFR1 signalling. *Nat Commun*. 2025 Mar; 16(1):3023.
- Chalkidi N, Melissari MT, Henriques A, Stavropoulou A, Kollias G, **Koliarakis V**. Activation and functions of Col6a1+ fibroblasts in colitis-associated cancer. *Int J Mol Sci*. 2023 Dec 21;25(1):148.
- Melissari MT, Henriques A, Tzaferis C, Prados A, Sarris ME, Chalkidi N, Mavroeidi D, Chouvardas P, Grammenoudi S, Kollias G, **Koliarakis V**. Col6a1+/CD201+ mesenchymal cells regulate intestinal morphogenesis and homeostasis. *Cell Mol Life Sci*. 2021; 79(1):1.
- Prados A, Onder L, Cheng HW, Morbe U, Lutge M, Gil-Cruz C, Perez-Shibayama C, **Koliarakis V**, Ludewig B, Kollias G. Fibroblastic reticular cell lineage convergence in Peyer's patches governs intestinal immunity. *Nat Immunol*. 2021; 22(4):510-519.
- Koliarakis V***, Prados A, Armaka M, Kollias G. The mesenchymal context in inflammation, immunity and cancer. *Nat Immunol*. 2020; 21(9):974-982.
- Roulis M, Kaklamanos A, Scherthanner M, Bielecki P, Zhao J, Kaffe E, Frommelt LS, Qu R, Knapp MS, Qu R, Henriques A, **Koliarakis V**, Jiao J, Brewer R, Zhao X, Breyer RM, Soriano P, Aidinis V, Jain D, Su B, Herschman HR, Kluger Y, Kollias G and Flavell RA. Paracrine orchestration of intestinal tumorigenesis by a confined mesenchymal niche. *Nature*. 2020; 580(7804):524-529.
- Koliarakis V***, Chalkidi N, Henriques A, Tzaferis C, Polykratis A, Waisman A, Muller W, Hackam DJ, Pasparakis M, Kollias G. Innate sensing through mesenchymal TLR4/ MyD88 signals promote spontaneous intestinal tumorigenesis. *Cell Rep*. 2019;26(3):536-546.e4. (*co-correspondence)
- Henriques A, **Koliarakis V***, Kollias G. Mesenchymal MAPKAPK2/HSP27 drives intestinal carcinogenesis. *Proc Natl Acad Sci USA*. 2018; 115(24): E5546-E5555. (*co-correspondence)

*co-correspondence; **corresponding author

PubMed link to the entire bibliography: [PubMed-Koliarakis](#)