

Academic Personnel Short Profile / Short CV

University:	University of Nicosia, Athens
Surname:	Vetsika
Name:	Eleni-Kyriaki
Rank/Position:	Assistant Professor
Faculty:	Medical School
Department:	Basic and Clinical Sciences
Scientific Domain: *	Biochemistry, Clinical Immunology

** Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD in Pharmacology	2007	Queen Mary University London, St Bartholomew's & The London School of Medicine and Dentistry, William Harvey Institute, UK	Bone & Joint Research Unit	Actions of Substance P on cellular responses during neurogenic inflammation
MPhil in Biomolecular Sciences	1999	UMIST, Manchester, UK	Biomolecular Sciences	An investigation of Germinal Epithelium Activity in Early Onset Hydrocephalus
BSc (Honours) in Biochemistry & Applied Molecular Biology	1998	UMIST, Manchester, UK	Biomolecular Sciences	Brain Stem Cells

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent				
Period of employment		Employer	Location	Position
From	To			
2025	present	University of Nicosia, Athens Medical School	Athens, Greece	Assistant Professor

2019	2025	National & Kapodistrian University of Athens School of Medicine	Athens, Greece	Head of Single-Cell Proteomics Unit
2018	2019	University of Thessaly School of Medicine	Larissa, Greece	Senior Postdoctoral Research Associate
2006	2018	University of Crete School of Medicine	Heraklion, Greece	Postdoctoral Research Associate
2003	2006	Imperial College London Department of Immunology, Division of Medicine, Chelsea & Westminster Hospital	London, UK	Research Associate

Key <u>refereed</u> journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2025	OX-40 Signaling Promotes Tumorigenesis in CTCL by Regulating ERK Activation	E. Papadavid, F. Karagianni, E.-K. Vetsika , S. Valero-Díaz, S.E Córdoba-Hernández, C. Daniil, C. Piperi, B. Casar	Frontiers in Immunol	16	2025
2	2024	Insufficient PD-1 expression during active autoimmune responses: a deep single-cell proteomics analysis in inflammatory arthritis	E.-K. Vetsika , G.E. Fragoulis, M. Kyriakidi, K.-M. Verrou, M. G. Tektonidou, T. Alissafi, P. P. Sfikakis	Front. Immunol	15	2024
3	2023	Distinct innate and adaptive immunity phenotypic profile at the circulating single-cell level in Psoriatic Arthritis	G.E. Fragoulis, E.-K. Vetsika , M. Kyriakidi, K.-M. Verrou, G. Kollias, M. G. Tektonidou, I. B. Mcinnes, P. P. Sfikakis	Clinical Immunology	253	10967 9

4	2021	Small Extracellular Vesicles in Pre-Therapy Plasma Predict Clinical Outcome in Non-Small-Cell Lung Cancer Patients	E.-K. Vetsika , P. Sharma, I. Samaras, A. Markou, V. Georgoulas, T. L. Whiteside, A. Kotsakis. Small	Cancers	13(9)	2041
5	2019	CD8 ⁺ PD-1 ⁺ T-cells and PD-L1 ⁺ circulating tumor cells in chemotherapy-naïve non-small cell lung cancer: towards their clinical relevance?	A. Kotsakis, G. Kallergi, D. Aggouraki, Z. Lyristi, F. Koinis, E. Lagoudaki, A. Koutsopoulos, V. Georgoulas, E.-K Vetsika	Ther Adv Med Oncol	11	17588 35919 85319 3
6	2016	Effect of first-line treatment on myeloid-derived suppressor cells' subpopulations in the peripheral blood of non-small cell lung cancer patients	F. Koinis, E.-K. Vetsika , D. Aggouraki, E. Skalidaki, A. Koutoulaki, V. Georgoulas, A. Kotsakis	J Thorac Oncol.	11 (8)	1263-1272
7	2016	Prognostic value of circulating regulatory T cell subsets in untreated non-small cell lung cancer patients	A. Kotsakis, F. Koinis, A. Katsarou, M. Gioulbasani, D. Aggouraki, N. Kentepozidis, V. Georgoulas, E.-K. Vetsika	Sci Rep	6	39247
8	2012	Clinical outcome of patients with various advanced cancer types vaccinated with an optimized cryptic human telomerase reverse transcriptase (TERT) peptide: Results of an expanded Phase II study	A. Kotsakis, E-K Vetsika , S. Christou, D. Hatzidaki, N.Vardakis, D. Aggouraki, G. Konsolakis, V. Georgoulas, Ch. Christophyllakis, P. Cordopatis, K. Kosmatopoulos, D. Mavroudis.	Ann Oncol	23 (2)	442-449
9	2012	Immunological responses in cancer patients after vaccination with the therapeutic telomerase-specific vaccine Vx-001	E.-K. Vetsika* , G. Konsolakis, D. Aggouraki, A. Kotsakis, E. Papadimitraki, S. Christou, J. Menez-Jame, K. Kosmatopoulos, V. Georgoulas, D. Mavroudis	Cancer Immunol Immunother.	61 (2)	157-168

10	2006	The effect of substance P on nitric oxide release in a rheumatoid arthritis model	MC. O'Shaughnessy, E-K Vetsika, JJ. Inglis, J Carleson, R Haigh, BL. Kidd, PG. Winyard	Inflam res	55(6)	236-240
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Exhibitions (where applicable). List the five (5) more recent and other five (5) selected. (max total 10)

Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
1	2025	EVs in Immunity	International	Athens, Greece	Poster presenter
2	2025	EORTC CLTG 2025	International	Athens, Greece	Poster presenter Speaker Poster Presentation Judge
3	2025	2 nd Panhellenic Symposium in Spondyloarthritis	Local	Athens, Greece	Speaker
4	2024	EORTC Cutaneous Lymphoma Tumour Group Annual Meeting 2024	International	Lausanne, Switzerland	Speaker
5	2024	EULAR2024	International	Vienna, Austria	Speaker
6	2024	5 th World Congress of Cutaneous Lymphomas	International	Pasadena, CA, USA	Speaker
7	2024	2 nd International Conference on Mesenchymal Cells in Health & Disease	International	Chania, Greece	Poster presenter
8	2023	EULAR2022	International	Copenhagen, Denmark	Poster presenter
9	2015	16 th World Conference on Lung Cancer	International	Denver, CO, USA	Speaker
10	2008	99 th AACR Annual Meeting	International	San Diego, CA, USA	Speaker

**Specify venue, geographic location etc*

Research Projects. List the five (5) more recent and other five (5) selected (max total 10)

Ref. Number	Date	Title	Funded by	Project Role*
1	2023-2025	Evaluation of the clinical efficacy of chlormethine gel monotherapy in patients with early-stage cutaneous T-cell lymphoma–mycosis fungoides (MF-CTCL) and investigation of treatment-induced immunological changes in the tumor microenvironment (TME) using single-cell technologies. REACH (Rash aEtiology After CHlormethine gel)	Helsinn/ Recordati Rare Diseases	Research Team Member
2	2023-2025	Investigation of pathological mechanisms in spondyloarthritis	Hellenic Rheumatology Society and Professional Association of Rheumatologists of Greece	Research Team Member
3	2024-	Small Extracellular Vesicles-based liquid biopsy in Chronic Inflammatory Arthritis	Scientific Association for the Support of FDPM Education & Research Activities	Scientific/Project Coordinator
4	2023-2025	Holistic molecular approach to the mechanisms of immune damage in patients with severe pneumonia, aiming at the development of personalized biomarkers and innovative models for the prognosis and prevention of complications	Flagship Research Projects in challenging interdisciplinary sectors with practical applications in Greek Industry”, implemented through the National Recovery and Resilience Plan Greece 2.0 and funded by the European Union - NextGenerationEU (project code: TAEDR-0541976)	Research Team Member
5	2022-2023	Circulating cell subpopulations as biomarkers in patients with rheumatoid arthritis by mass cytometry	Novartis	Scientific/Project Coordinator

6	2019-2023	Development units equipped with state-of the art technologies for personalized medicine applications" of the project "pMedGR: The Greek Research Infrastructure for Personalized Medicine" with OPS (MIS) code 5002802	Operational Programme "Competitiveness, Entrepreneurship & Innovation 2014–2020", under the action "STRENGTHENING RESEARCH AND INNOVATION INFRASTRUCTURES" within the Priority Axes "Development of entrepreneurship support mechanisms", co-funded by the European Union (European Social Fund – ESF) and National Resources	Research Team Member
7	2021-2022	Study of CD45 ⁺ CD31 ⁺ PDPN ⁺ pre-inflammatory mesenchymal cells (PRIME) in patients with Rheumatoid Arthritis. Correlation with clinical laboratory data	Hellenic Society of Rheumatology & Professional Association of Rheumatologists of Greece	Research Team Member
8	2021-2022	Study of MAIT, T γ δ , ILC3 cells of peripheral blood in patients with Spondyloarthritis. Correlation with clinical laboratory data	Hellenic Society of Rheumatology & Professional Association of Rheumatologists of Greece	Research Team Member
9	2006-2015	Assessment of the immune responses in patients with various types of chemo-resistant advanced solid tumors after vaccination with the therapeutic telomerase-specific vaccine Vx-006	Vaxon Biotech	Research Team Member
10	2006-2015	Investigation of changes in immunosuppressive cells in the blood of	Novartis	Research Team Member

		patients with metastatic neoplasms receiving first-line therapy based on the anti-angiogenic agent bevacizumab		
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**Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees. List the five (5) more recent (Optional Entry)				
Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2019-2025	Center of New Biotechnologies & Precision Medicine, School of Health Science, Department of Medicine, National & Kapodistrian University of Athens, Athens, Greece	Head of Single-Cell Proteomics Unit	Providing services (designing specific CyTOF panels, staining, acquiring, and analysis) and scientific consulting
2	2025	EORTC CLTG 2025	Member of the Committee	To judge best poster presentation for the Young Investigator Awards awards given by the Association Poster Presentation Judge
3	2024-present	Hellenic Society of Small Extracellular Vesicles	Founder member	To set and support the Society's strategic plan and mission
4	2019	5 th Symposium: Advances in Cancer Immunology and Immunotherapy	Member of organizing scientific committee	To select speakers from abstracts; set the scientific schedule
5	2019	Summer School in Immuno-Oncology, 10-12 June 2019, Hellenic Pasteur Institute, Athens, Greece	Member of organizing scientific committee	To select speakers from abstracts; set the scientific schedule

**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected.
(max total 10) (Optional Entry)**

Ref. Number	Date	Title	Awarded by:
1	2023	Young Investigator Award	EORTC Cutaneous Lymphoma Tumour Group Annual Meeting 2023, in Leiden, Netherlands
2	2011	Young Investigator Award	1 st International Symposium on Advances and Perspectives in Thoracic and Upper Aerodigestive Malignancies, in Athens, Greece
3	2017	1 st Oral presentation award for the work entitled "Prognostic value of PD-L1 ⁺ CD4 ⁺ T cells in non-small cell lung cancer (NSCLC) patients treated with a PD-1 inhibitor"	2 nd Symposium in Advances in cancer immunology and immunotherapy, Athens, Greece
4	2016	1 st Oral presentation award for the work entitled "CD8 ⁺ PD-1 ⁺ T cells association with PD-L1 ⁺ circulating tumor cells (CTC): An independent prognostic factor in non-small cell lung cancer (NSCLC) patients"	1 st Symposium in Advances in cancer immunology and immunotherapy, Athens, Greece
5	2014	Small Grant-Travel Award (€2500),	Medical School, University of Crete
6	2011	Travel Scholarship	Committee of the International Symposium on Advances and Perspectives in Thoracic and Upper Aerodigestive Malignancies, Athens, Greece
7	2006	Travel Scholarship	Chelsea & Westminster Healthcare NHS Trust and the Westminster Medical School Research Trust
8	2005	Small grant award	Westminster Medical School Research Trust
9	1999-2003	PhD studentship	Bart's and the London Hospital Trustees

**Other Achievements. List the five (5) more recent and other five (5) selected.
(max total 10) (Optional Entry)**

Ref. Number	Date	Title	Key Activities:
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