

CURRENT POSITION	Assistant Professor of Radiology School of Medicine, University of Crete	tel:+30 6977795314 miklontzas@uoc.gr
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EDUCATION	PhD (2023) University of Crete & Institute of Computer Science - FORTH, Crete, GR Thesis: Artificial intelligence with the use of MRI for bone marrow imaging PhD (2018) Imperial College London, London, UK Thesis: Metabolomics in bone tissue engineering: a sensitive and robust tool for the evaluation of osteogenic differentiation in 2D and 3D cultures MD (2014) University of Crete, Heraklion, GR
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ACADEMIC & RESEARCH EXPERIENCE	Assistant Professor of Radiology - Oncological Imaging <ul style="list-style-type: none"> • Department of Radiology, School of Medicine University of Crete, Heraklion, GR Affiliated Researcher <ul style="list-style-type: none"> • Computational Biomedicine Laboratory Institute of Computer Science - FORTH, Heraklion, GR Affiliated Researcher <ul style="list-style-type: none"> • Department of Clinical Intervention and Technology (CLINTEC) Karolinska Institutet Research Collaborator <ul style="list-style-type: none"> • Institute of Computer Science - FORTH, Heraklion, GR Postdoctoral Fellow in Regenerative Medicine <ul style="list-style-type: none"> • Emory University, School of Medicine & Georgia Institute of Technology Postdoctoral Research Associate <ul style="list-style-type: none"> • Imperial College London, Department of Chemical Engineering, London, UK Marie Skłodowska-Curie Early Stage Researcher <ul style="list-style-type: none"> • Department of Chemical Engineering, Imperial College London 	April 2024 – now July 2024 – now Aug 2023 – now Feb 2020 – June 2024 1 Jan 2019 – 24 June 2019 23 Oct 2018 – 30 Nov 2018 Oct 2014 to Oct 2018
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CLINICAL EXPERIENCE	Radiology Resident <ul style="list-style-type: none"> • University Hospital of Heraklion (GR) Department of Medical Imaging ESOR MSK Radiology Fellow <ul style="list-style-type: none"> • King’s College Hospital, London, UK Department of Radiology PET/CT fellow <ul style="list-style-type: none"> • Karolinska University Hospital, Huddinge Nuclear Medicine Department Radiology Resident <ul style="list-style-type: none"> • University Hospital of Heraklion (GR) Department of Medical Imaging 	Sept 2024 – now September 2023 – December 2023 May 2023 – August 2023 April 2020 – April 2024
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Army Physician	15 Jul 2019 – 15 Mar 2020
Honorary Foundation Year 1 Doctor	23 Feb 2015 – 30 Nov 2018
<ul style="list-style-type: none"> • Northwick Park Hospital, London, UK 	

EDITORIAL EXPERIENCE	Advisory Editor (Deputy Editor-in-Chief Equivalent)	September 2024 – now
	<ul style="list-style-type: none"> • "European Journal of Radiology Artificial Intelligence" 	
	Section Editor (Radiomics - AI - MSK radiology)	November 2023 – now
	<ul style="list-style-type: none"> • "European Journal of Radiology" 	
	Editorial Board Member - MSK Radiology	Jan 2024 – now
	<ul style="list-style-type: none"> • "European Radiology" 	
	Trainee Editorial Board Member	Jun 2022 – June 2024
	<ul style="list-style-type: none"> • "Radiology: Artificial Intelligence" 	
	Trainee Editorial Board Member	Jan 2021 – Dec 2022
	<ul style="list-style-type: none"> • "RadioGraphics" 	

MANAGERIAL- LEADERSHIP POSITIONS	<ul style="list-style-type: none"> • ESR eHealth & Informatics Subcommittee Member • European Institute of Biomedical Imaging Research (EIBIR) Member of the Future Strategy Task Force • European Congress of Radiology 2025, Imaging Informatics AI and ML Scientific Subcommittee Member • European Congress of Radiology, Programme Planning Committee Open Forum Co-ordinator 2023, 2024, 2025 • ESR Research Committee Member Sept 2023 - now • EuSoMII Scientific Committee Secretary • Radiology Trainee Forum (RTF) Board Member - European Society of Radiology
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PUBLICATIONS	Total: 103 in international peer-reviewed journals - 7 book chapters
	Editor of 1 international book ("Introduction to artificial intelligence" Springer)
	Selected Recent Representative Publications:
	<ol style="list-style-type: none"> 1. Tejani A.S., Klontzas M.E. (co-first author), Gatti A.A., Mongan J., Moy L. Park S.H., Kahn C.E. Jr. "Checklist for Artificial Intelligence in Medical Imaging (CLAIM): 2024 Update". <i>Radiol Artif Intell</i>, 6(4):e240300, 2024 2. Kapetanou E., Malamas S., Leventis D., Karantanias A.H., Klontzas M.E. "Developing a Radiomics Atlas Dataset of normal Abdominal and Pelvic computed Tomography (RADAPT)". <i>J Imaging Inform Med</i>, doi: 10.1007/s10278-024-01028-7, 2024 3. Klontzas M.E., et al., "Deep learning enables the differentiation between early and late stages of hip avascular necrosis", <i>Eur Radiol</i>, 34: 1179–1186, 2024

SUPERVISION	1. Main Supervisor of 1 PhD Student on AI for synthetic MR imaging (University of Crete)
	2. Co-supervisor of 1 PhD student on AI for esophageal cancer (Karolinska institute)
	2. Main supervisor for 5 active MSc students - main supervisor of 3 graduated MSc students

GRANTS - FUNDING	<ul style="list-style-type: none"> • Clinical Partner of ICS-FORTH - FAITH EU HORIZON project – GA No 101135932 • University of Crete ELKE - Research Dissemination Grants (2024 and 2025) • Co-I EU-funded NetZeroAICT grant (netzeroaict.eu)- AI for digital CT contrast • Co-I Medicinsk Diagnostik Karolinska - Karolinska Institute Multimodal machine learning with radiomics and pathomics for the prediction of risk of metastasis of oesophageal cancer (Grant agreement No: 929511) • ESSR Young Researcher's Grant 2022 recipient
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