

Paolo FALCO - CV

Paolo Falco is a manager in aizoOn's Digital Engineering and Innovation division, and has 25+ years of experience in designing and delivering digital data-driven solutions.

Between 2008 and 2019 he has led the earliest initiatives aimed at using AI algorithms to deliver preventive oncology services, designing and delivering experimental, AI-based radiology workflows using 3D-imaging for the early detection of colon cancer and breast cancer. He acted as operations manager for several multicentric, international, prospective clinical trials involving several hundred thousand patients in total.

Since joining aizoOn in 2019 he has been working in the evaluation and design of operations, data platforms and AI algorithms to advance the understanding of the impact of clinical and molecular profiles in lung cancer recurrence (project DEFLeCT), in the creation of digital twins of high-impact oncological and neurodegenerative pathologies (project D3-4-Health) and in the study of cellular barriers (project COBALT).

He has contributed to aizoOn's proprietary data analysis tools and processes, including a data platform specifically targeting use by clinical research teams and integrating complex, automated bioinformatics pipelines. He has also been working on several initiatives related to the collection, management and usage of real-world data to develop explainable artificial intelligence algorithms and digital twins outside of the health and life sciences domain.

He is a co-author in several papers and inventor in 4 pending patents.