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Faculty of the M.Sc. Program "Managing Digital Transformation in the Health Sector"

Thessaloniki, 18/05/2025

Subject: Motivation letter for online application

Dear members of the Faculty,

please accept my letter of motivation regarding my application for the M.Sc. Programme "Managing Digital Transformation in the Health Sector".

Prior to applying, I took the time to read thoroughly the curriculum of the Programme and its learning objectives in order to ensure that I have the necessary scientific background to meet the expectations of the Faculty.

As a health professional, I have worked in Greece and the U.K. as a Consultant Doctor in Medical Oncology from 2019 until 2024, following completion of my training in Internal Medicine and Medical Oncology in Greece in 2018. My academic background includes a B.Sc. degree in Biochemistry, an M.Sc. degree in Medical Research Methodology and a Medical Degree. My PhD thesis "Genomic alterations as disease prognostic biomarkers in patients with NSCLC" is expected to be completed by the end of 2025. Part of my PhD thesis includes molecular characterization of NSCLC and prognostication of patients with NSCLC with the use of deep learning methods and digital pathology. In addition, I have recently given oral presentations on Artificial Intelligence applications in Oncology in 2 national conferences organised by HeSMO, our national Society of Medical Oncology. Currently, I am completing a university course on Artificial Intelligence in the Health Sector and a course on Programming with Python, both certified by the University of Patras in Greece.

Thus, I am deeply interested in participating in this Programme as a student, as I consider it a unique opportunity to gain invaluable knowledge on the fundamental topics of digital transformation in health services. I am particularly interested in developing my digital skills, with a focus on the Data Science branch. Oncology is a medical specialty, in which the advent of digital transformation has led to practice changing applications aiming at improving patient care, as well as facilitating both clinical and basic research. As this is a rapidly evolving field, there is an urgent need for Greek Oncologists to establish a working group in order to collaborate with the Digital Oncology and Artificial Intelligence working groups of ESMO (European Society of Medical Oncology).

I believe that completing the Programme will be a major asset in my future endeavours to further specialize in digital Oncology in order to improve patient care and produce high-quality research within this framework.

Remaining at your disposal for any further detail,

Yours sincerely,

Dr. Konstantinos Efthymiadis

