

Short Curriculum Vitae

Sophia Koukouraki
Professor of Nuclear Medicine

Undergraduate Education

- High School Diploma, 1984: Grade “Excellent”

University Studies

- Medical School, University of Rome *La Sapienza*: Degree grade “Excellent” 102/110

Specialty Training

- Venizelio Hospital, Heraklion, Crete (required Internal Medicine training for the specialty of Nuclear Medicine)
- Evangelismos Hospital, Athens (beginning of Nuclear Medicine specialty training)
- University Hospital of Heraklion (completion of specialty training in Nuclear Medicine)

Thesis

- Medical School, University of Crete: Grade “Excellent” (2001)

Postgraduate Training Abroad

- Guest Scientist, German Cancer Research Center (Deutsches Krebsforschungszentrum, Heidelberg, Germany). Training in PET imaging (12 months, Oct. 2004–Oct. 2005) and kinetic studies using mathematical models. Participated in the European program “TENPET,” focused on telecommunication in Nuclear Medicine.
- Training at the Parkinson Institute, University of Milan, in imaging of basal ganglia for Parkinson’s disease & Parkinson-plus syndromes.

Hospital and University Positions – Career Progression

- Consultant B’ in Nuclear Medicine, University Hospital of Heraklion, Crete (1997)
- Consultant A’ in Nuclear Medicine, University Hospital of Heraklion (2004)
- Assistant Professor of Nuclear Medicine, Medical School, University of Crete (2008)
- Permanent Assistant Professor of Nuclear Medicine, University of Crete (2012)
- Director, Department of Nuclear Medicine, University Hospital of Heraklion (Nov. 2013 – present)
- Associate Professor of Nuclear Medicine, University of Crete (2015–2020)
- Full Professor of Nuclear Medicine, University of Crete (2020–present)

- Head of hybrid imaging PET/CT Unit, Department of Nuclear Medicine, University Hospital, Heraklion, since 2023

Clinical Work

From 1997 to 2008, as Consultant B' and A', and from 2008 till now as faculty member (Assistant Professor 2008, Permanent Assistant Professor 2012, Associate Professor 2015, Professor 2020), responsible for the full spectrum of diagnostic SPECT, SPECT/CT, PET/CT (oncology, cardiology, neurology, nephro-urology, endocrinology, infectious diseases, orthopedics, pulmonology, internal medicine) and therapeutic Nuclear Medicine at the University Hospital of Heraklion.

Annually, >10,000 nuclear medicine studies and therapeutic applications are performed, with an increasing trend.

Since November 2013, as Director of the Department, responsible for both clinical and administrative activities: development of infrastructure (installation of SPECT/CT, PET/CT, creation of four therapy rooms).

Member of the operational planning committee (SNF & Ministry of Health) for the donation and installation of PET/CT scanners in 4 university hospitals of Greece.

Coordinator and Scientific Director of the PET/CT Unit, University Hospital of Heraklion (since April 2023). Within 1.5 years, >4,000 PET/CT examinations performed.

Administrative/Organizational Roles

At the University Hospital of Heraklion

Organization and leadership of the Department of Nuclear Medicine (Director since Nov. 2013)

Former member of Quality Control Committee, Drug Committee (high-cost drugs), Hospital Board of Directors

Development of Nuclear Medicine Therapy Unit, creation of new therapy rooms

Member of the National Council for Health Services (KESY) working group on Nuclear Medicine specialty (2017) – hospital accreditation for specialty training & logbook creation

Technical specifications author for SPECT/CT procurement, chair of installation oversight committee

Member of SNF–Ministry of Health–Johns Hopkins coordination committee for PET/CT donation to university hospitals; member of PET/CT technical specifications committee

ISO certification of the Department of Nuclear Medicine (2024–2027)

At the University of Crete

Representative at the General Assembly of the Medical School (2019–2020)

Member of committees:

- Undergraduate Studies (2015–2020)
- Alumni Office Liaison (2015–2019)
- International Exchange Programs (2015–2020)
- Coordinator of Evaluation Committee (OMEA) of the Medical School of Crete (2022–present)

Teaching Activities

Undergraduate teaching in Nuclear Medicine, Medical School, University of Crete (2008–present)

Lecturer at postgraduate oncology seminars for top medical students nationwide

Training of Nuclear Medicine residents

Teaching at the Inter-University Master's Program *Oncology: from Oncogenesis to Therapy* (supervisor of master's theses)

Teaching in the Master's Program *Pediatric & Adolescent Hematology-Oncology*, University of Crete

Postgraduate courses at University Hospital of Heraklion

Organization of Conferences & Seminars

Organizer and chair of numerous national and international scientific meetings

Memberships in Scientific Societies

- Heraklion Medical Association
- European Association of Nuclear Medicine (EANM)
- EANM Oncology & Theranostics Committee Group
- UEMS (ordinary member)
- Hellenic Society of Nuclear Medicine & Molecular Imaging (General Secretary)

Invited Lectures / Chairmanships at National & International Meetings

- >150

Research & Academic Output

- Publications in international journals: **71**
- Book chapters: **11**

- Scientific presentations: **230**
- Awards/Distinctions: **13**
- Citations: Scopus **2,354** | Google Scholar **5,096**
- H-index: Scopus **22** | Google Scholar **29**