

SCIENTIFIC REPORT 2005 - 2012

TRAINING/EDUCATIONAL ACTIVITIES

- Inter – University Postgraduate Course in Medical - Radiation Physics (IPCMRP), I. Stamatelatos
- Postgraduate Course (G. Terzoudi, M. Papadopoulos, M. Paravatou)
- Inter – University Postgraduate Course in Biology Applications in Medicine
- Inter – University Postgraduate Course in Clinical Biochemistry-Molecular Diagnostics
- Inter – University Postgraduate Course in Molecular Medicine
- Inter-Departmental Postgraduate Course on Conservation and Protection and of Cultural Heritage Monuments, Aristotelian University of Thessaloniki
- 3rd, 4th, 5th and 9th School and Workshop on Fusion Physics and Technology, Volos, Greece
- Course on System Reliability in the Open University of Greece, O. Aneziri
- MSc course on Environmental Chemistry and Technology Dpt of Chemistry, Kapodistrian University of Athens
- MSc course on Environmental Technology University of Athens, Physical Sciences School
- MSc course on Environmental Health University of Athens Medical School
- MSc course on Environmental Planning, University of Thessaly, School of Engineering
- IAEA Post Graduate Educational Course on Radiation Protection and Safe Use of Radiation Sources, Organized by GAEC annually, I. Stamatelatos
- IAEA Training Course on Radiation Protection of the Environment, Athens, Greece, 4-8 October 2010
- Seminar of Physics Dpt University of Ioannina
- Seminar focused on Metrology and Quality of Measurements at the Summer School of Hellenic Association of Laboratories (HellasLab)
- Radiopharmaceutical Chemistry, Pharmacy Department – University of Athens, Under Graduate Course (2006-2013)
- Special courses on Radiopharmaceutical Chemistry, Pharmacy Department – University of Athens, Under Graduate Course (2006-2011)
- Advanced Radiopharmaceutical Chemistry I, Pharmacy Department – University of Athens, Post-Graduate Course
- Advanced Radiopharmaceutical Chemistry II, Pharmacy Department – University of Athens, Post-Graduate Course
- Advanced Radiopharmacology, Pharmacy Department – University of Athens, Post-Graduate Course
- Masters Program in Nuclear Security, Delft University of Technology
- Interdepartmental Postgraduate Studies Program on Protection, Conservation and Restoration of art objects. School of Engineering, Aristotle University of Thessaloniki
- Masters Program in Material Physics, Physics Department, University of Athens
- "Protein Structure and Function" presented as part of the graduate-level course entitled "Topics on Molecular Biology" at the Chemistry Department, University of Athens. 2009-2013, E. Stratikos
- "*The Human Adaptive Immune Response: Biochemical pathways of antigen processing and presentation*" presented as part of the graduate-level course entitled "Human Biochemistry" at the Chemistry Department, University of Athens. 2009-2013, E. Stratikos
- "*Biochemical and Protein Mechanisms of the Adaptive Immune Response*" presented as part of the University of Athens, Department of Biology, Protein Summer School. 2011, E. Stratikos

- "*The Adaptive Immune System: Biochemical mechanisms of antigen presentation*" presented as part of the graduate-level course "Molecular and Applied Physiology" of the Medical School of the Univ. of Athens. 2013, E. Stratikos
- "*Dissecting the molecular machinery of a novel paradigm in immune response regulation*" presented as part of the graduate-level course "Applications of Basic Medical Sciences" of the Medical School, University of Patras. 2013, E. Stratikos
- Lecturer at the Postgraduate Master Program: Thoracic Oncology: Recent Clinical-Laboratory Approach and Research", organized by the Athens Medical School (Professor Dr. K. Syrigos). Title of Class: Mechanisms of Invasion and Metastasis: Angiogenesis" (P. Bouziotis)
- Greek Atomic Energy Commission, Institute of Radiation Physics, Interuniversity Program for Postgraduate Studies in Medical Physics- Radiation Physics (P. Bouziotis)
- Teaching of the subject "Radiopharmaceuticals" within the framework of postgraduate lessons offered by the Institute of Radioisotopes and Radiodiagnostic Products, N.C.S.R. "Demokritos" (P. Bouziotis)
- Seminars in Radiopharmaceuticas, Radiochemistry and Radiobiology at the Summer School, which is annually organized at the N.C.S.R. "Demokritos" (P. Bouziotis)
- Acting Scientific Host for young researchers involved in COST Actions (P. Bouziotis)
- Coordination of the course "Biological effects of ionizing radiation" in the MSc programme "Medical Physics – Radiation Physics". Universities of Athens, Thessaloniki, Ioannina, Thrace and Crete, NCSR "D" and the Greek Atomic Energy Commission. (G. Pantelias, G. Terzoudi)
- Coordinator of the course "Biological effects of ionizing radiation" in the IAEA Post Graduate Educational Course in "Radiation Protection and the safe use of radiation sources". (G. Pantelias, G. Terzoudi)
- Lecturers in the MSc programme "Applications of Biology in Medicine", University of Athens. (G. Pantelias, G. Terzoudi)
- Lecturers in the MSc programme "Clinical Biochemistry-Molecular diagnostics" University of Athens. (G. Pantelias, G. Terzoudi)
- Invited lecturer in the post-graduate (MSc) program on Environmental Chemistry and Technology (National and Kapodistrian University of Athens, Chemistry Dept.) (L. Leondiadis)
- Invited lecturer in the post-graduate (MSc) program on Nutrition and Environment (Harokopio University, Nutrition and Dietetics Dept.). (L. Leondiadis)
- Inter-University - Inter-departmental Program of Postgraduate Studies in Medical Physics - Radiophysics (IIPPS MP-R) organized by the Universities of Athens, Ioannina and Thrace, the Hospital Physicists' Institute of the Greek Atomic Energy Commission and NCSR Demokritos (I. Christofidis)
- Dr Yannoukakos is teaching in the post-graduate program of the University of Athens "Molecular Diagnostics and Clinical Chemistry".
- Dr Yannoukakos Dr Konstantopoulou and Dr Fostira have been invited in more than 100 medical conferences since 2005 (organized by oncologists, surgeons, gynecologists etc) to give lectures on Cancer Genetics educating medical doctors of different fields in complex issues of cancer genetics.
- Graduate Program in 'Molecular Physiology', Medical School, University of Athens (2012-present), D. Mastellos.
- 'Applications of Biology in Medicine', Faculty of Biology, University of Athens (2007-present), D. Mastellos.
- 'Clinical Biochemistry-Molecular Diagnostics', Faculty of Biology, University of Athens (2007-present), iv) 'Molecular Basis of Human Disease', Department of Medicine, University of Crete (2004-present), D. Mastellos.

- Graduate Program in 'Molecular Medicine', courses on 'Molecular Immunology-Immunogenetics', Department of Medicine, University of Thessaly (2004-2006), D. Mastellos.
- Lectures on '*Basic Principles of Biochemistry and Cell Biology*', in *Methods in Micro-Nanotechnology and Nanobiotechnology, Annual Summer School* held at NCSR 'Demokritos' (sponsored by the EU-funded Nano2Life Network of Excellence), (2006-2011), S. Kakabakos, Y. Petrou.