

Evi Lianidou, Ph.D.

***Professor of Analytical Chemistry – Clinical Chemistry
Laboratory of Analytical Chemistry
Analysis of Circulating Tumor Cells (ACTC) Lab
Dept of Chemistry
University of Athens
Athens, Greece
email: lianidou@chem.uoa.gr
Website: <http://en.actc-lab.chem.uoa.gr/>***



Short Summary

Dr. Evi Lianidou is currently Professor of Analytical Chemistry and Clinical Chemistry at the Department of Chemistry, University of Athens, Greece. Dr. Lianidou is an elected member and Chair of the Committee for Clinical Molecular Biology Curriculum of the International Federation of Clinical Chemistry (IFCC), (<http://www.ifcc.org/ifcc-education-division/emd-committees/c-cmbc/>) that offers training in Molecular Diagnostics all over the world by the way of courses and hands on workshop in combination with lectures and methodological issues. Dr. Lianidou is coordinating the M.Sc. program of Clinical Chemistry, at the Department of Chemistry, University of Athens and has established a Molecular Diagnostics Laboratory at the Department of Chemistry since 1995. Her lab is specializing in the Analysis of Circulating Tumor Cells, and has access to many patient samples through extensive clinical collaborations, especially with the University of Crete Medical School. Her main research interests are especially on: a) study of micrometastasis through the development of singleplex and multiplex quantitative real time RT-qPCR assays for the detection of Circulating Tumor Cells (CTCs), b) development and clinical evaluation of DNA methylation assays in fresh tissues, paraffin-embedded breast carcinomas, in CTC and in cell-free circulating DNA, c) development and clinical evaluation of quantitative real time RT-qPCR assays for the detection of mature micro RNAs in fresh tissues, paraffin-embedded breast carcinomas and in plasma (circulating miRNAs), d) development and clinical evaluation of multiplex assays for gene expression in CTCs based on the Luminex bead array system. Dr. Lianidou has 83 publications (<http://www.ncbi.nlm.nih.gov/pubmed/?term=lianidou>) and has organized: a) the 7th International Symposium on Minimal Residual Disease in Athens, (<http://ismrc2009.chem.uoa.gr>), b) a scientific meeting on CTCs “Advances in Circulating Tumor Cells: From Basic Research to Clinical Practice” (www.actc2012.org), and c) is currently organizing the next ACTC meeting, on October 8-11th in 2014, in Crete, Greece (www.actc2014.org).