



ΕΘΝΙΚΟ & ΚΑΠΟΔΙΣΤΡΙΑΚΟ
ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΘΗΝΩΝ
NATIONAL & KAPODISTRIAN
UNIVERSITY OF ATHENS
SCHOOL OF MEDICINE

MSc: “Environment and Health. Capacity building for decision making”
Director: Assoc. Prof. P. Nicolopoulou-Stamati

From cell observation to epigenetics
Does environment print on DNA?

Friday 14/12/2012, 17.30-22.00
Kostis Palamas Building, Academias 48 and Sina

The workshop is dedicated to the Memory of Georgios Papanicolaou

The question: Are environmental factors such as exposure to chemicals, radiation, viruses and stress able to affect a person’s DNA? And if yes, can the environmental prints on the DNA be inherited to future generations?

DNA inherited from our parents is believed to determine our health status. Factors such as diet, stress, aging or exposure to chemicals can affect a person’s DNA in multiple ways that influence the development of asthma, cancer, leukemia and reproductive health problems. Negative epigenetic changes caused by environmental exposures raise major concerns and asks for research on animal, cell, cultures and human tissue samples aiming at enhancing our understanding: how epigenetic changes may produce harmful effects and perhaps be passed down to the next generation.

Cell observation under light microscope gives signals of malignancy and this was observed early in 1843 by Walter Hayle Walshe and established by Georgios Papanicolaou in 1923, who is well-known for the life-saving test-Pap.

17.30-18.00	Registrations
18.00-18.30	Welcome and Introduction by Assoc. Prof. P. Nicolopoulou-Stamati
18.30-19.00	Key note lecture by Em. Prof. G. Prindull: “Epigenetics of the Cellular Microenvironment in Leukemias”
19.00-20.00	Brain storm discussion on the question “Does environment print on DNA?” with invited participants Prof. G. Chrousos, Prof. G. Kreatsas, Prof. D. Botsis, Prof. S. Kitsiou-Tzeli
20.00-20.15	Em. Prof. N. Agnanti Georgios Papanicolaou Memorial Address
20.15-20.30	Commemoration of Georgios Papanicolaou
20.30-22.00	Cocktail

Workshop invited participants

Prof. Gregor Prindull

Professor of Pediatric Hematology/Oncology at the University of Göttingen, Germany, retired. He has introduced and built up the oncology services at the Department of Pediatrics at the Göttingen University since the 1960s, and has been involved in designing treatment protocols for pediatric leukemias and solid tumors at the national German and international level.

Em. Prof. Niki Agnanti

Emeritus Professor of Pathology at Medical School of Ioannina University. Former Vice Rector of the Ioannina University.

Prof. Dimitris Botsis

Professor of obstetrics and gynecology at Medical School, National and Kapodistrian University of Athens, Greece, and at the 2nd Department of Obstetrics and Gynecology of Aretaieion Hospital.

Prof. George Chrousos

George P. Chrousos is Professor and Chairman of the First Department of Pediatrics at the University of Athens School Of Medicine, Athens, Greece, and he holds the UNESCO Chair on Adolescent Health Care since 2010.

Prof. Sofia Kitsiou -Tzeli

Prof. of Medical Genetics, Athens University, Medical School, Department of Medical Genetics.

Prof. George Kreatsas

Dr George Kreatsas, MD, PhD, Professor of Obstetrics & Gynecology, Head of the 2nd Department of Obstetrics and Gynecology, "Aretaieion" Hospital, Medical School, National and Kapodistrian University of Athens, Greece.

and

Assoc. Prof. Polyxeni Nicolopoulou-Stamati

Assoc. Prof. Polyxeni Nicolopoulou-Stamati, M.D. PhD. Pathologist, Director and Scientific coordinator of Master Program of the Medical School of National and Kapodistrian University of Athens: "Environment and Health: Capacity Building for Decision Making".