



ANCIENT DNA, PRECISION MEDICINE & AGRICULTURE CUTTING EDGE POST-GENOMIC APPLICATIONS

A VIRTUAL EVENT TO HONOR THE MEMORY OF DIMITRIS KAFETZOPOULOS

Friday, March 12th, 10.00-15.10, on line webinar

PROGRAMME

TRIBUTE IN MEMORY OF DIMITRIS*

- 10.00-10.15 **Nektarios Tavernarakis**, Chairman of the Board of Directors, FORTH & Professor of Molecular Systems Biology, Medical School, University of Crete
- 10.15-10.30 **Costas Fotakis**, Distinguished Member of FORTH, Emeritus Professor of Physics, University of Crete, Former Alt. Minister for Research and Innovation
- 10.30-10.45 **Maria Theodoridou**, R&D Engineer, ICS-FORTH
On behalf of Dimitris' family and friends
- 10.45-10.55 **Stavros Arnaoutakis**, Governor of the Region of Crete
- 10.55-11.00 **Break**

**in Greek language*

SCIENTIFIC PROGRAM**

- 11.00-11.05 Welcome address: **Ioannis Talianidis**, Director of IMBB-FORTH

ANCIENT DNA

- 11.05-11.30 ***Elucidating peopling of Europe and animal domestication through palaeogenomics***
Eva-Maria Geigl & Thierry Grange, Epigenome & Paleogenome group, Research directors CNRS, Université de Paris, Institut Jacques Monod, Paris, France
- 11.30-11.55 ***3000 BC: A story of transitions and turmoil written in ancient DNA***
Morten Eric Allentoft, Professor of Trace and Environmental DNA (TrEnD) laboratory, School of Molecular and Life Sciences, Curtin University, Australia and Lundbeck Foundation GeoGenetics Centre, GLOBE Institute, University of Copenhagen, Denmark
- 11.55-12.10 ***"APOIKIA": Ancient DNA analysis in novel multidisciplinary approach of ancient Corinthian colonization***
Varvara Papadopoulou, Director of the Ephorate of Antiquities of Arta, Hellenic Ministry of Culture & Sports, Greece
- 12.10-12.20 **Discussion-questions**
- 12.20-12.25 **Break**

REGISTRATION: https://www.imbb.forth.gr/Tribute_in_memory_of_Dimitris/



AGRICULTURE

12.25-12.40 *Development of Vitis Database: Bridging Agri-Food and Lifesciences*

Michail Zervakis, Vice Rector, Professor of Digital Image and Signal Processing, School of Electrical & Computer Engineering, Technical University of Crete, Greece

12.40-13.05 *Emblematic agri-food value chains in the era of -omics*

Notis Argiriou, Professor at the Department of Food Science and Nutrition - University of the Aegean, Deputy Director of the Institute of Applied Biosciences – CERTH, Greece

13.05-13.30 *LEFKOTHEA, the Goddess of Splicing*

Polydefkis Hatzopoulos, Professor at the Department of Agricultural Biotechnology, Laboratory of Molecular Biology, Agricultural university of Athens, Greece

13.30-13.40 **Discussion-questions**

13.40-13.45 **Break**

PRECISION MEDICINE

13.45-14.10 *Precision Oncology: a long journey ahead*

Dimitrios Mavroudis, Professor of Medical Oncology, Medical School, University of Crete, Greece

14.10-14.35 *Identification of clonal haemopoiesis by NGS analysis of myeloid genes in chronic neutropenias*

Helen Papadaki, Professor of Haematology, University of Crete, Head of the Department of Haematology, University Hospital of Heraklion, Crete, Greece

14.35-15.00 *Hypoxia sensing and signaling and therapeutic targets of cancer metabolism*

Othon Iliopoulos, MD, Associate Professor of Medicine, Harvard Medical School, Massachusetts General Hospital Cancer Center, Boston, USA

15.00-15.10 **Discussion-questions**

***in English language*