

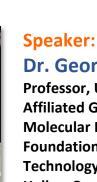




DNA damage and Innate Immune Signaling in Health and Disease

Abstract:

Recent advances suggest that DNA damage and innate immune responses are intimately linked in mammals triggering cellular malfunction and tissue degeneration with advancing age. Using a unique series of animal models with engineered defects in nucleotide excision repair, I will discuss the functional role of persistent DNA damage signaling in immune activation and the role of DNA damage-driven chronic inflammation in aging and age-related diseases.



Dr. George A. GARINIS **Professor, University of Crete** Affiliated Group leader, Institute of Molecular Biology and Biotechnology **Foundation for Research and Technology** Hellas, Greece

Dr. Garinis obtained his PhD from the Medical School of Athens, GR in 2001 and pursued his postdoctoral studies at the Erasmus MC in Rotterdam, NL. In 2008, he became a group leader at FORTH and subsequently a Professor of Genetics at the University of Crete and FORTH. He has received the EMBO Young Investigator award, the "Fotis Kafatos" research award, a prestigious ERC grant and is currently coordinating two European networks of excellence on DNA damage (aDDRess) and aging (HealthAge).

Date:

4 March 2019 (Monday)

Venue:

Amphitheatre, Level 2

Duke-NUS Medical School 8, College Road, Singapore 169857

Time:

12:00 – 1:00 p.m.

Dr. Sin Tiong ONG

Associate Professor Laboratory of Haematologic Malignancies Programme in Cancer & Stem Cell Biology

No registration is required. All are welcome. Any enquiries, please contact: Lilian Poon (6601 3779)