



DEMOKRITOS
NATIONAL CENTRE FOR SCIENTIFIC RESEARCH

AG EN DA

5th

HELLENIC FORUM

FOR SCIENCE
TECHNOLOGY
AND INNOVATION



Under the auspices of the Hellenic Ministry of Foreign Affairs

July 5-7, 2017

Athens, Greece



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HELLENIC REPUBLIC OF
SCIENCE, TECHNOLOGY AND INNOVATION
Under the auspices of the Hellenic Republic of Science, Technology and Innovation

Thursday, July 6th

Library, Building 15

Parallel Workshops

Ageing and Age-related Diseases

DO WE NEED RESEARCH ON AGEING?

The prevalence and costs of a number of **age-related diseases** which the “**graying societies**” of developed countries are currently facing, represent an already massive, though still growing, and possibly overwhelming burden to our medical and socioeconomic systems.



Co-morbidities, specific drug needs.

Research into the **basic mechanisms** of ageing will provide a rational basis for **prophylaxis and effective therapy** of age-related diseases.



HORIZON 2020

The EU Framework Programme for Research and Innovation

Health

Article

Newsroom

Health is wealth, as the old saying goes.

Many challenges need to be met to grant everybody's legitimate wish for a long, happy and healthy life. Chronic and infectious diseases, pandemic threats and antimicrobial resistance are on the rise. Also, the side effects of an ageing population will need to be addressed - the number of people in the EU aged over 65 will have grown by 70% by 2050.

European research and innovation in health helps to tackle these challenges. It is an investment in our health and, on a larger scale, an investment in a healthy workforce, a healthy economy and lower public health bills.

The return on this investment will be finding new ways to prevent diseases, developing better diagnostics and more effective therapies, as well as taking up new models of care and new technologies promoting health and wellbeing. New technologies could keep older people active and independent for longer and help European health and care systems to remain sustainable.

Finally, European research and innovation in health is about working together across borders, sharing each other's knowledge and resources and improving our health and care system together.

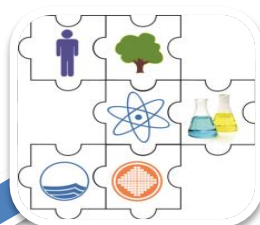
Search for funding opportunities related to [health](#) in the Participant Portal.

Related Horizon 2020 sections:

▶ [Health, Demographic Change and Wellbeing](#)

Το Ε.Κ.Ε.Φ.Ε. “Δημόκριτος” συγκροτείται από τα εξής πέντε (5) Ινστιτούτα:

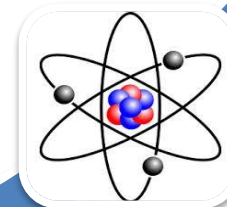
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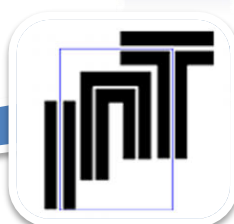
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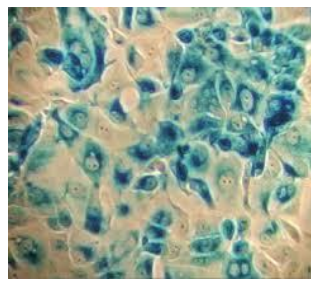
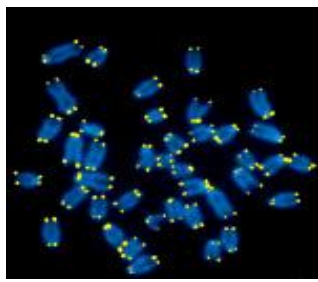
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& Τηλεπικοινωνιών*



Μελέτη των μηχανισμών ρύθμισης κυτταρικής λειτουργίας με έμφαση στις ηλικιοεξαρτώμενες παθήσεις

Μελέτη των μοριακών μηχανισμών ρύθμισης κυτταρικής λειτουργίας / κυτταρική σηματοδότηση

Μελέτη των μοριακών χαρακτηριστικών ηλικιοεξαρτώμενων παθήσεων

**(καρκίνος - καρδιαγγειακά, μυοσκελετικά, και νευροεκφυλιστικά νοσήματα/πόνος –
διαβήτης – γήρανση δέρματος/χρόνια έλκη)**

Μελέτη θεραπευτικών παρεμβάσεων [Φάρμακα (σύνθεση / φυσικά προϊόντα) – Μοσχεύματα –

Κυτταρικές Θεραπείες –Υπολογιστικές Προσεγγίσεις]



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Chair: Dr D. Kletsas, NCSR Demokritos

14.30 – 14.45

Introduction

Dr Dimitris Kletsas, IB-A, NCSR Demokritos, Greece

14:45 - 15:25

Immunoediting and biomarkers in cancer: the means for more effective therapies

Dr Constantinos Baxevanis, "Agios Savvas" Hospital, Greece

15:25 - 16:05

Postprandial dysmetabolism as a contributing factor for the pathogenesis of atherosclerosis.

What is the role of platelets?

Assist. Prof. Tzortzis Nomikos, Harokopio University, Greece

Coffee Break

16:40 - 17:20

Investigation of pathogenic mechanisms in osteoporosis and neurodegenerative diseases through modeling of human diseases in mice

Assoc. Prof. Eleni Douni, Agricultural University of Athens, Greece

17:20 - 18:00

Parkinson's Disease: from genetics and pathogenesis to therapy

Prof. Leonidas Stefanis, BRFAA, Greece