

**30th ICOC, 12th RAHMS AND 9th ICOAR - MEDICAL
SCIENCE CONFERENCES www.rahms-medicine.org
ATHINA ROYAL BEACH HOTEL, PAPHOS.4-8 OCTOBER**



FINAL PROGRAMME

Friday, 4th October:

17.30 -19.30 Registration (“Royal Hall”, ground floor of Athina Royal Beach Hotel)

Saturday, 5th October:

10.00 -10.20 Registration (“Royal Hall”, ground floor of Athina Royal Beach Hotel)

Session 1: New approaches into targeting in cancer and other diseases.

Chairs: Prof Prof Iriti Marcello (IT) and Dr Evripidou Antri (CY)

10.20-10.50 Prof Richardson Des R (AU). Plenary lecture

Targeting iron and copper in cancer using novel drugs: taming the “triad-of-death”

10.50–11.20 Prof Jurišić Vladimir (RS), Plenary lecture

New insights into natural killer cell research in cancer patients

11.20 -11.50 Dr Chrysostomou Spyridakis (CY)

Ovarian rejuvenation using platelet rich plasma and stem cells

11.50–12.00 Open Session/ Round Table Discussion

12.00 –12.20 **TEA BREAK – EXHIBITION**

12.20–13.00 **OPENING CEREMONY**

OPENING OF THE 30th ICOC, 12th RAHMS AND 9th ICOAR CONFERENCES

* Welcome messages from representatives of Local and International Scientific and Organising Committees: Prof Kontoghiorghes George J (IOSC/ICOC), Dr Karafyllidou Theodora (LOSC), Prof Richardson Des R (ISOCAM/ICOAR, Australia), Prof Prof Pantopoulos Kostas (ICOC, RAHMS, Canada), Prof Iriti Marcello (RAHMS, Europe), Prof Jurišić Vladimir, (RAHMS/ICOAR, Balkans).

INVITED SPECIAL QUESTS: To be announced.

EXHIBITIONS: * 50th Famagusta Remembrance: Exhibition related to the 50th anniversary of the invasion and occupation of Famagusta and Northern part of Cyprus by the Turkish Army. About 70 photographs will be displayed.

* 30th ICOC Landmark Anniversary: Proceedings, people, places * Slide exhibition.

13.00 **LUNCH BREAK – EXHIBITION**

Session 2: New discoveries in the cause and treatment of diseases

Chairs: Prof Jurišić Vladimir (RS) and Prof Zacharioudakis Eleftherios (CY)

14.30 –15.00 Prof Pantopoulos Kostas (CA) Plenary lecture

Mechanistic insights on dietary iron absorption: the roles of hepcidin and transferrin

15.00 -15.30 Prof Prof Iriti Marcello (IT) Plenary lecture

Climate change and wars causing food and nutrition insecurity and undernourishment

15.30 -16.00 Prof Kontoghiorghes George J (CY) Plenary lecture

The role of chronic aspirin administration on iron deficiency and colorectal cancer

16.00 -16.10 Open Session / Round Table Discussion

16.10- 16.30 **TEA BREAK – EXHIBITION**

Session 3: Natural and food products in health and disease

Chairs: Prof Georgiades Savvas N (CY) and Dr Chrysostomou Mihalis (CY)

16.30 –17.00 Prof Iriti Marcello (IT)

Flavonoids against non-communicable diseases: Focus on rutin

17.00 - 17.30 Arsenijević Dejan

Interaction of Mushroom and probiotic bacterium for apoptosis in colorectal cancer

Session 4: New advances in colorectal cancer

Chairs: Prof Iriti Marcello (IT) and Dr Evripidou Antri (CY)

17.30 –18.00 Dr Demetriou Theodora (CY)

New approaches and WHO recommendations for the prevention of colorectal cancer

18.00- 18.30 Dr Georgiades Christos (CY)

What's new in the diagnosis and treatment of colorectal cancer

18.30 – 18.40 Open Session/ Round Table Discussion

Sunday, 6th October:

Session 5: Recent advances on cancer targeting using experimental drugs

Chairs: Prof Pantopoulos Kostas (CA) and Prof Zacharioudakis Eleftherios (CY)

10.00 – 10.30 Prof Georgiades Savvas N (CY)

Theranostic agents for anticancer activity through the tyrosine kinase receptor

10.30 – 11.00 Prof Richardson Des R (AU).

Interaction of NDRG1, β -catenin and protein kinase inhibit pancreatic cancer

11.00 -11.30 Dr Dharmasivam Mahendiran (AU)

Structure-activity relationships of novel selenosemicarbazones with antitumor activity

11.30 – 11.40 Open Session/ Round Table Discussion

11.40 - 12.00 **TEA BREAK– EXHIBITION**

Session 6: Advances in gynaecological cancers and other clinical complications

Chairs: Prof Richardson Des R (AU) and Dr Evripidou Iliada (CY)

12.00-12.30 Dr Chrysostomou Mihalis (CY)

New treatments of vulvovaginal atrophy and other gynaecological disorders

12.30 -13.00 Dr Evripidou Antri (CY)

Cervical cancer in pregnancy: challenges, management and outcomes

13.00 – 13.10 Open Session/ Round Table Discussion

13.10 **LUNCH BREAK– EXHIBITION**

Session 7: Recent advances in inflammatory diseases

Chairs: Prof Georgiades Savvas N (CY) and Dr Chrysostomou Mihalis (CY)

15.00 –15.30 Prof Pantopoulos Kostas (CA). Plenary lecture

Iron regulatory protein 2 (IRP2) deficiency against resistive pulmonary inflammation

15.30 -16.00 Prof Jurišić Vladimir (RS). Plenary lecture

Effects of proinflammatory cytokines on the membrane of tumor cells in-vitro

16.00 - 16.30 Prof Kontoghiorghes George J (CY)

Post COVID-19 effects on health: how prepared are we for the next pandemic

16.30 – 16.40 Open Session / Round Table Discussion

16.40 - 17.00 **TEA BREAK – EXHIBITION**

Session 8: Advances in the diagnosis of cancer and inhibition of metastasis

Chairs: Dr Demetriou Theodora (CY) and Dr Philippou Christos (GE)

17.00 – 17.30 Dr Eliades Constantinos

Prostate cancer: screening, diagnosis and staging
17.30 - 18.00 Prof Richardson Des (AU) Plenary lecture
Inhibition of cancer metastasis by NDRG1-Role of epithelial mesenchymal transition
18.00 – 18.30 Prof Zacharioudakis Eleftherios (CY)
Cybersecurity risks in implantable medical devices: A policy proposal
18.30 – 18.40 Open Session / Round Table Discussion
19.00 **WELCOME COCKTAIL RECEPTION – EXHIBITION**

Monday, 7th October:

Session 9: Advances in the cause, diagnosis and treatment of diseases
Chairs: Dr Dharmasivam Mahendiran (AU) and Dr Evripidou Iliada (CY)

10.00 - 10.30 Ioannides Ioannis (CY)
Microplastics as secondary pollutants: carriers of radionuclides in the human body
10.30 - 11.00 Dr Philippou Christos (GE)
X-cell immunocytochemistry a new method evaluating 8 antibodies on one cell
11.00 – 11.30 Prof Kontoghiorghes George J (CY). Plenary lecture
Thirty ICOCs that have resulted in improved treatments for millions of patients
11.30 -11.40 Open Session/ Round Table Discussion

11.40 -12.00 **TEA BREAK– EXHIBITION**

Session 10: Advances in iron metabolism, pathology and treatment

Chairs: Prof Richardson Des R (AU) and Dr Kaya Busra (AU)

12.00 – 12.30 Prof Pantopoulos Kostas (CA)
IRP1 deficiency protects mice against metabolic syndrome pathologies
12.30 - 13.00 Prof Kontoghiorghes George J (CY)
Deferiprone and maltol: Iron chelating drugs with opposite mode of clinical activity
13.00 -13.10 Open Session/ Round Table Discussion

13.10 **LUNCH BREAK– EXHIBITION**

Session 11: Improved methods and mechanisms for anticancer targeting

Chairs: Prof Jurišić Vladimir (RS) and Prof Kontoghiorghes George J (CY)

15.00 – 15.30 Obradovic Jasmina (RS)
Epidermal growth factor receptor variants in non-small cell lung cancer patients
15.30 –16.00 Kaya Busra (AU)
Thiosemicarbazone changes: transmetalation and augmentation of anticancer efficacy
16.00 – 16.30 Prof Richardson Des R (AU)
Targeting lysosomes by design: novel N-acridine thiosemicarbazones
16.30 – 16.50 **TEA BREAK – EXHIBITION**

Session 12: Factors affecting thiosemicarbazone anticancer activity

Chairs: Prof Pantopoulos Kostas (CA) and Dr Kaya Busra (AU)

16.20 - 16.50 Prof Richardson Des R (AU)
New thiosemicarbazones: transmetallation and suppression oxy-myoglobin oxidation
16.50 – 17.20 Dr Dharmasivam Mahendiran (AU)
Selected thiosemicarbazones: anti-tumor properties with reduced toxic side effects
17.50 – 18.00 Open Session / Round Table Discussion

Tuesday, 8th October: 10.30 General meeting- Chairs Prof Kontoghiorghes George J and Dr Kolnagou Annita. 11.00 **TEA BRAKE-** 12. 00 **CLOSING**