

***** NINTH INTERNATIONAL CONFERENCE ICOAR *****

Oncology and Anticancer Research

**** TWELFTH INTERNATIONAL CONFERENCE RAHMS ****

Recent Advances in Health and Medical Sciences



THIRTIETH INTERNATIONAL CONFERENCE ON CHELATION ICOC

Treatment of Thalassaemia, Cancer & Other Diseases

Related to Metal & Free Radical Imbalance & Toxicity

- (30th ICOC : A LANDMARK OF CHELATION SCIENCE AND MEDICINE) -

Venue: Athena Beach Hotel, Paphos, Cyprus, 4-8th October – 2024.

INTERNATIONAL ORGANISING AND SCIENTIFIC COMMITTEE (IOSC)

Prof. Georgiades S N (CY), Prof. Iriti M (IT), Prof. Kontoghiorghes G J (CY), Prof. Pantopoulos K (CA), Prof Polyakov N (RU), Prof Philippou S (DE), Prof. Richardson D R (AU), Dr Dharmasivam M (AU), Dr Efstathiou Ch (DE), Dr Kaya B (AU), Dr Kontoghiorghes C N (UK), Dr Selyutina O Y (RU).

LOCAL ORGANISING AND SCIENTIFIC COMMITTEE (LOSC)

Dr Andronikou A-M, Antoniou L, Dr Chrysostomou M, Dr Demetriou Th, Dr Didichenko M, Dr Efstathiou L, Dr Efstathiades A, Dr Eliades C, Dr Evripidou A, Dr Evripidou I, Dr Georgiades Ch, Ioannides I, Karafyllides P, Dr Karafyllidou T, Dr Kolnagou A, Kontoghiorghes K, Dr Kleanthous M, Kyriakidou S, Morrou M, Dr Morrou S, Patsalou I

ORGANISERS: IOSC. LOSC. ICOC COMMITTEE. ISOCAM SOCIETY. POSTGRADUATE RESEARCH INSTITUTE OF SCIENCE, TECHNOLOGY, ENVIRONMENT AND MEDICINE (PRI).

ASKLEPIOS MEDICAL ASSOCIATION PAPHOS. FAMAGUSTA REFUGEE ASSOCIATION OF SCIENTISTS.

1st ICOC
LONDON

UK 1989

CONFERENCE TOPICS

Cancer: Lectures on All Cancer types e.g. Breast, Prostate, Melanoma, Pancreatic, Osteosarcoma, Gynaecological and other cancers etc. Also Cancer Causes, Epidemiology, Biology, Pathology, Diagnosis, Prevention & Treatment. Carcinogenesis. Metastasis. New Cancer Treatments and Diagnostic Methods
Anticancer Drugs: Design, Targeting, Biochemistry, Chemistry, Toxicity & Pharmacology. Surgical, Radiological, Immunological & Biological Therapies. Pharmacogenomics. Natural anticancer molecules. Natural Antioxidants. Ferroptosis. Plant antimicrobial molecules, Food studies, Carob.

Chelation Studies & Chelation Therapy of Diseases related to Iron, Actinide, Heavy & other Metals. New Drugs. New Natural and Synthetic Drugs, Technologies & Diagnostic Methods. Free Radical & Metal Imbalance Toxicity Diseases Oxidative Stress & Tissue Damage. Antioxidants. Proteins of Iron & other Metal Metabolism/Toxicity. Ethical, Educational & Environmental Issues. Advances in Medicine and Surgery. Medical Sciences. Personalized Medicine. Risk/Benefit Assessment. Controversies in Medicine. Patients & Doctors Question Time. Round Table Discussions.

Scientific Programme

Friday, 4th October: Morning Excursion. Evening Registration.
Saturday, 5th October: Morning to Evening: Scientific Sessions.
Sunday, 6th October: Morning to Evening Scientific Sessions.
Monday, 7th October: Morning to Evening: Scientific Sessions.
Tuesday, 8th October: Morning Scientific Sessions. Excursion.

Social Programme

Welcome Reception. Conference Dinner. Visit of local museums and ancient sites.
Photo Exhibitions: a) 1st to 30th ICOC conferences (Participants, people, countries)
b) 50th Year Anniversary of the illegal Turkish occupation and colonisation of Cyprus



Publication of proceedings: Selected papers of the conference will be published in a special issue of the IJMS (https://www.mdpi.com/journal/ijms/special_issues/RSE412NK4B)

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* See further and updated information in the Website: <http://www.rahms-medicine.org>



FINAL CALL FOR ABSTRACTS

FINAL DEADLINE FOR SHORT PRESENTATIONS

30 TH OF AUGUST, 2024

(FOR ABSTRACT SUBMISSION DETAILS SEE <http://www.rahms-medicine.org>)

PRELIMINARY PROGRAMME - LIST OF SELECTED PRESENTATIONS SUBMITTED BY JULY 2024

- * **Dr Andronikou Anna-Maria (Nicosia, Cyprus)** “Bone marrow transplantation volunteers of 17-19 years in Cyprus during 2018-2023”
- * **Dr Chrysostomou Michalis (Limassol, Cyprus)**
“Innovations dealing with the treatment of vulvovaginal atrophy and other gynecological disorders”
- * **Dr Dharmasivam Mahendiran, Tharushi Wijesinghe, Richardson Des R (Brisbane, Australia)**
“Cutting-edge thiosemicarbazone fine-tuning: enhanced anti-tumor properties with reduced side effects”
- * **Dr Dharmasivam Mahendiran, Stanley Zhang, Richardson Des R. (Brisbane, Australia)** “Structure-activity relationships of novel selenosemicarbazones: Identification of marked suppression of oxy-myoglobin oxidation with selective anti-tumor activity”
- * **Dr Demetriou Theodora (Paphos, Cyprus)**
“New approaches and World Health Organization recommendations for the prevention and reduction of colorectal cancer”
- * **Dr Efstathiou Christos (Bochum, Germany)** “Multichannel, multiparameter Cryoimmunohistochemistry (X-Cell) in fine needle aspiration”
- * **Dr Efstathiou Litsa (Paphos, Cyprus)** “A preliminary study of the effect of cooking utensils on food consumption and health in the elderly”
- * **Dr Eliades Constantinos (Paphos, Cyprus)** “Prostate cancer – Screening, diagnosis and staging”
- * **Dr Evripidou Antri (Paphos, Cyprus)** “Dysplasia and cervical cancer during pregnancy”
- * **Prof Georgiades Savvas N (Nicosia, Cyprus)** “Development of a theranostic agent for epidermal growth factor receptor tyrosine kinase (EGFR): Ligation strategy for connecting a kinase inhibitor to a metal-based fluorescent probe”
- * **Dr Georgiades Christos (Nicosia, Cyprus)** “Advances in the clinical management of colorectal cancer”
- * **Dr Gu Wen, Wilkinson Nicole, Fillebeen Carine, Blackburn Darren, Sahinyan Korin, Bonnell Eric, Zhao Tao, Luo Zhi, Soleimani Vahab, Richard Vincent, Borchers Christoph H., Iliopoulos Othon, Sweeney Gary, Pantopoulos Kostas (Montreal, Canada)**
“IRP1 deficiency triggers metabolic reprogramming, increases insulin sensitivity and protects mice against metabolic syndrome pathologies”
- * **Ioannides Ioannis, Paschalidis Ioannis (Nicosia, Cyprus)**
“Microplastics as secondary pollutants: Carriers of radionuclides in the human body”
- * **Prof Iriti Marcello, Vitalini Sara (Milan, Italy)** “Flavonoids as adjuvants against non-communicable and communicable diseases”
- * **Prof Iriti Marcello, Vitalini Sara (Milan, Italy)** “Health-promoting effects of flavonoids against non-communicable diseases: Rutin”.
- * **Dr Katsarou Angeliki, Tsyplenkova Sofiya, Charlebois Edouard, Fillebeen Carine, Pantopoulos Kostas (Montreal, Canada)**
“Mechanistic insights on dietary iron absorption: the roles of hepcidin and transferrin”
- * **Dr Kaya Busra, Henry Smith, Yanbing Chen, Gholam Azad Mahan, Russell Tiffany M, Richardson Vera, Bernhardt Paul V, Dharmasivam Mahendiran, Richardson Des R. (Brisbane, Australia)**
“Targeting lysosomes by design: novel *N*-acridine thiosemicarbazones that enable direct detection of intracellular drug localization and overcome p-glycoprotein (Pgp)-mediated resistance”
- * **Dr Kaya Busra, Henry Smith, Yanbing Chen, Mahan Gholam Azad, Tiffany M. Russell, Vera Richardson, Mahendiran Dharmasivam, Des R. Richardson (Brisbane, Australia)** “Innovative *N*-acridine thiosemicarbazones and their Zn (ii) complexes transmetallate with Cu(ii): redox activity and suppression of detrimental oxy-myoglobin oxidation.”
- * **Dr Kaya Busra, Azad Mahan G, Suleymanoglu Mediha, Harmer Jeffrey R, Wijesinghe Tharushi P, Richardson Vera, Zhao Xiao, Bernhardt Paul V, Dharmasivam Mahendiran, Richardson Des R. (Brisbane, Australia)** “Isosteric replacement of sulfur to selenium in a thiosemicarbazone: promotion of Zn(ii) complex dissociation and transmetalation to augment anticancer efficacy”
- * **Dr Karaphyllidou Dora, Kolnagou Annita, Kleantous Marios, Stephanou Niki, Neocleous Marina, Kontoghiorghes George J (Paphos, Cyprus)** “The role of chronic aspirin administration on iron deficiency, colorectal and other cancers”
- * **Dr Kolnagou Annita, Karaphyllidou Dora, Stephanou Niki, Neocleous Marina, Kontoghiorghes K, Kontoghiorghes George J (Paphos, Cyprus)**
“Deferiprone and maltol : Two similar in structure chelating drugs with opposite mode of clinical action in iron metabolism”
- * **Dr Kontoghiorghes Christina N, Kolnagou Annita, Efstathiou Litsa, Kleantous Marios, Kontoghiorghes George J (London, UK)**
“Post COVID-19 effects on health: How Prepared Are We for the Next Pandemic?”
- * **Prof Kontoghiorghes George J, Kolnagou Annita, Kontoghiorghes Christina N (Limassol and Paphos, Cyprus)**
“Thirty international conferences on chelation and their impact in medicine: Improved treatments for millions of patients”
- * **Dr Azad Mahan G, Hussaini Mohammed, Russell Tiffany M. , Richardson Vera, Kaya Busra, Dharmasivam Mahendiran, Richardson Des R. (Brisbane, Australia)**
“Dissecting the mechanisms of the interaction of NDRG1, β -catenin and protein kinase C α (PKC α) to inhibit pancreatic cancer cell growth”
- * **Prof Richardson Des R. (Brisbane, Australia)**
“Targeting the metastasis suppressor, NDRG1, to inhibit cancer metastasis: inhibition of the epithelial mesenchymal transition”
- * **Prof Richardson Des R. (Brisbane, Australia)** “Targeting iron and copper in cancer using novel pharmaceuticals: taming the “triad-of-death”
- * **Dr Selyutina Olga Yu., Ulyanova Maya, Chinak Olga A., Timoshnikov Viktor A, Fedenok Lidiya G., Polyakov Nikolay E, (Novosibirsk, Russia)**
“Novel anthraquinone derivatives and their complexes with metal ions with potential anticancer activity”
- * **Dr Toumpanakis Dimitrios, Vassilakopoulou Vronia, Mizi Eleftheria, Chatzianastasiou Athanasia, Richard Vincent, Borchers Christoph H., Mohammed Yassine, Fillebeen Carine, Vassilakopoulos Theodoros, Pantopoulos Kostas (Montreal, Canada)**
“Iron regulatory protein 2 (IRP2) deficiency is protective against resistive breathing-induced pulmonary inflammation”