

PROGRAMME

7th INTERNATIONAL CONFERENCE ON ONCOLOGY AND ANTICANCER RESEARCH (ICOAR). 10th INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN HEALTH AND MEDICAL SCIENCES (RAHMS), 28th INTERNATIONAL CONFERENCE ON CHELATION (ICOC)
(www.rahms-medicine.org)

28 June-3 July, 2019. CAPITAL COAST AND SPA HOTEL, PAPHOS, CYPRUS

Friday, 28th June:

OPENING OF THE 7th ICOAR, 10th RAHMS AND 28th ICOC CONFERENCES

18.30 -19.30 Registration (Ground floor area of the Conference Halls)
18.30 **TEA BREAK**
19.00 -20.00 **Opening Ceremony.**
20.00 –20.30 **Welcome Reception**

Opening Ceremony Introduction:

10TH YEAR ANNIVERSARY OF RAHMS (Recent Advances in Health and Medical Sciences). 30TH ANNIVERSARY OF THE 1ST ICOC ON 1989, IN LONDON, UK.

Welcome messages from representatives of Local Organisations and the Local and International Scientific and Organising Committees: Prof Kontoghiorghes GJ (IOSC/ICOC), Dr Kolnagou A (LOSC), Prof Richardson DR (ISOCAM/ICOAR, Australia), Prof Hsu S-F (RAHMS, Asia), Prof Polyakov N (ICOC/RAHMS, Asia), Dr Varnai V (RAHMS, Europe), Dr Vitalini S (RAHMS, Europe), Timoshnikov V (Student IOSC).

ANNOUNCEMENT OF SPECIAL QUESTS

Saturday, 29th June:

Session 1: Advances in drug design for cancer and other diseases (Plenary Lectures)

Chairs: Prof Hsu Seng-Feng (TW) and Dr Varnai Veda M (CR)

10.30-11.00 Prof Richardson Des R (AU) **The Prof Erica Baker Memorial Lecture:**

Novel anti-tumour agents that target iron and copper and have entered clinical trials.

11.00–11.30 Prof. Polyakov Nikolay et al. (RU)

Physicochemical approach to study the drug-receptor interaction and the role of chirality

11.30 -11.50 **TEA BREAK**

11.50–12.20 Dr Vitalini Sara (IT)

Gastroprotective and digestive effects of *Achillea moschata*, a case study of ethnobotany

12.20–12.40 Open Session/ Round Table Discussion

12.40 **LUNCH BREAK**

Session 2: Health policies: patient monitoring and chemical safety

Chairs: Prof. Hwang Shinn-Jang (TW) and Dr Vitalini Sara (IT)

14.30 –15.00 Prof. Chen Fang-Pey et al. (TW)

National Health Insurance Research Database for Traditional Chinese Medicine Research

15.00 -15.30 Dr Varnai Veda M (CR)

European chemical agency (ECHA) and the safety of chemicals

15.30 -16.00 Efstathiou Christos et al (CY)

Physical condition of children and adolescents in Cyprus: present and future strategies

16.00 -16.10 Open Session / Round Table Discussion

16.10- 16.30 **TEA BREAK**

Session 3: Prophylactic and therapeutic approaches against cancer

Chairs: Prof. Hung Yu-Chiang and Prof Chen Fang-Pey (TW)

16.30 –17.00 Dr Demetriou Theodora (CY)

The results from the use of capsule endoscopy in Paphos General Hospital (2014 – 2018)

17.00 - 17.30 Prof. Hwang Shinn-Jang (TW) (Plenary Lecture)

Benign Prostate Hypertrophy therapy using combined Chinese and Western Medicine

Session 4: 6th Local conference against cancer (In Greek and English language) (I)

Chairs: Dr Demetriou Theodora (CY) and Kyriakou Sotiris (UK)

17.30 - 18.00 Dr Georgiou Marina (CY)

Cellular changes in cancer initiation, progression and metastasis

18.00 – 18.30 Prof Kontoghiorghes George J (CY)

Antioxidants for the prevention and treatment of cancer and other diseases

18.30- 19.00 Open Session/ Round Table Discussion

Sunday, 30th June:

Session 5: Properties, mechanisms and applications of chelators and other drugs

Chairs: Prof Richardson Des (AU) and Dr Lin Yen Chen (TW)

11.00 - 11.30 Ageeva Alexandra et al (RU)

The role of spontaneous inversion of chiral drugs in living organisms

11.30 -12.00 Timoshnikov Viktor (RU)

The effect of chelating compounds on lipid peroxidation induced by iron and copper ions.

12.00 **TEA BREAK**

12.20-12.50 Kontoghiorghes GJ (CY) **The Prof Eugene Weinberg Memorial Lecture:**

Advances on chelation in medicine.

12.50 – 13.00 Open Session/ Round Table Discussion

13.00 **LUNCH BREAK**

Session 6: Anticancer mechanisms and agents in malignant melanoma

Chairs: Prof Hsu Seng-Feng (TW) and Prof Polyakov Nikolay (RU)

15.00 –15.30 Richardson Des R et al (AU)

Role and effects of melanotransferrin and NDRG1 in the treatment of malignant melanoma

15.30 -16.00 Kyriakou Sotiris et al. (UK)

Effects of an analogue of L-mimosine in an *in vitro* model of malignant melanoma

16.00 - 16.10 Open Session / Round Table Discussion

16.10 **TEA BREAK**

Session 7: (II) Advances in the prevention and treatment of common diseases

Chairs: Prof. Hwang Shinn-Jang (TW) and Dr Demetriou Theodora (CY)

16.30 – 17.00 Dr Lin Yu Ting et al. (TW)

Treatment of TCM and Western Medicine for Severe Cerebrovascular accident

17.00 - 17.30 Prof. Hung Yu-Chiang et al. (TW)

Laser acupuncture reduce postpartum weight retention: A randomized control trial

17.30 - 18.00 Δρ Μουτηρης Ιωσηφ (CY)

Η Στεφανιαία καρδιακή νόσος στη Κύπρο. (Update of Coronary heart Disease in Cyprus)
18.00 - 18.30 Δρ Βόζνιακ Γκρέτα (CY)
Γνωστές και Άγνωστες Πτυχές της Πολλαπλής Σκλήρυνσης. (Advances in Multiple Sclerosis)
18.30 – 19.00 Open Session/ Round Table Discussion/ General Meeting

Monday 1st July:

Session 8: New metal toxicity mechanisms and acupuncture treatment for pain

Chairs: Prof. Chen Fang-Pey (TW) and Dr Lin Yu Ting (TW)

10.30 - 11.00 Prof Richardson Des R et al (AU)

Haem metabolism coupled to intracellular iron transport to prevent cytotoxicity

11.00 - 11.30 Dr Varnai Veda M (CR)

Allergenicity of copper in tattoo inks: Potential mechanisms of copper sensitisation.

11.30 **TEA BREAK**

11.50 –12.20 Prof Hsu Seng - Feng et al (TW) (Plenary Lecture)

Review of the effectiveness of acupuncture treatment in the frozen shoulder patients

12.20 -12.50 Dr Lin Yen Chen et al. (TW)

Acupuncture emergency treatment for low back pain: clinical observation of 30 cases

12.50 – 13.00 Open Session/ Round Table Discussion

13.00 **LUNCH BREAK**

Session 9: Biochemical and clinical effects of natural and synthetic molecules

Chairs: Prof Richardson Des (AU) and Ageeva Alexandra (RU)

15.00 – 15.30 Prof Kontoghiorghes George J (CY)

The History of Deferiprone and the complete treatment of iron overload in Thalassaemia

15.30 –16.00 Kononova Polina et al. (RU)

Glycyrrhizin-induced changes in phospholipid bilayers studied by NMR spectroscopy

16.00 - 16.10 Open Session / Round Table Discussion

16.10 **TEA BREAK**

Session 10: Advances in the treatment of diseases of free radical pathology

Chairs: Prof Polyakov N (RU) and Kononova Polina (RU)

16.30 – 17.00 Timoshnikov Viktor et al. (RU)

Free radical mechanism of ketoprofen phototransformations

17.00 - 17.30 Richardson Des R et al (AU)

Mitochondrial dynamics alterations in a cardiac model of Friedreich's ataxia:

17.30-18.00 Kontoghiorghes GJ et al (CY) **The Prof Eybl Vladislav Memorial Lecture:**

Targeted antioxidant drugs for treatment of cancer, neurodegenerative and other diseases

18.00 – 18.30 Open Session / Round Table Discussion

Tuesday, 2nd July:

Session 11: Advances in the diagnosis and treatment of thalassaemia

Chairs: Prof Richardson Des R (AU) and Timoshnikov Viktor (RU)

10.30 - 10.50 Kolnagou Annita et al (CY)

Thalassaemia in Cyprus today

10.50 -11.10 Kolnagou Annita et al (CY)

Update on the maintenance of normal iron stores in thalassaemia major patients: 2019

11.10-11.30 Kontoghiorghes George J (CY)

The NEJM promotes misinformation on deferiprone: Influence of commercial interests?.

11.30 **TEA BREAK**

Session 12: Advances in the diagnosis and treatment of cancer and bowel disease

Chairs: Dr Varnai Veda M (CR) and Kyriakou Sotiris (UK)

11.50 –12.10 Richardson Des R et al (AU)

Polyamine and iron metabolism pathways in the regulation of cancer cell proliferation

12.10 –12.30 Prof Kruchinina Margarita et al (RU)

Fatty acids in red blood cell membrane and serum in inflammatory bowel disease patients

12.30 - 12.50 Prof Kruchinina Margarita et al (RU)

Fatty acids in serum for identifying adenomatous polyps and early colorectal cancer

12.50 –13.00 Open Session/ Round Table Discussion

13.10 **LUNCH BREAK**

16. 00 **TEA BREAK**

16.00 – 18.00 **EXCURSION and Free time activities**

Wednesday, 3rd July:

Session 13: Closing Ceremony

11.00 TEA BREAK

Chair: Prof Kontoghiorghes George J (CY) and Dr Kolnagou Annita (CY)

11.00 - 12.00 Abstracts submitted late. Concluding remarks.

Announcement of the 8th ICOAR, 11th RAHMS, 29th ICOC.

COMMITTEES AND ORGANISERS

INTERNATIONAL ORGANISING AND SCIENTIFIC COMMITTEE (IOSC)

Prof Chen F-P (TW). Prof Hsu S-F (TW). Prof Hung Y-C (TW). Prof Hwang S-J (TW).
Dr Kolnagou A (CY). Prof Kontoghiorghes GJ (CY). Prof Kruchinina M (RU). Dr Lin Y-
C (TW). Dr Lin Y-T (TW). Prof Polyakov N (RU). Prof Richardson DR (AU). Dr Varnai
VM (CR). Dr Vitalini S (IT).

STUDENT SECTION (IOSC)

Ageeva A (RU). Kononova P (RU). Kyriakou S (UK). Timoshnikov V (RU). Tsai P-Y
(TW).

LOCAL ORGANISING AND SCIENTIFIC COMMITTEE (LOSC)

Antoniou L, Dr Demetriou Th, Dr Efstathiou L, Efstathiou Ch., Dr Georgiou M, Georgiou
S, Dr Kingsley D. Dr Kleanthous M, Dr Kolnagou A, Dr Kontoghiorghes CN,
Kontoghiorghes JC, Prof Moutiris J, Prof Wozniak G E.

ORGANISERS:

IOSC, LOSC, ICOC COMMITTEE, ISOCAM SOCIETY, POSTGRADUATE
RESEARCH INSTITUTE OF SCIENCE, TECHNOLOGY, ENVIRONMENT AND
MEDICINE (PRI) (www.pri.ac.cy).

*30 YEARS SINCE THE 1st ICOC: <https://www.youtube.com/watch?v=ZcvSLyIgYd8>