

PROGRAMME

Thursday, 25th May:

OPENING OF THE 5th ICOAR, 8th RAHMS AND 26th ICOC CONFERENCES

- 18.00 -18.30 Registration (Ground floor area of the Conference Halls)
18.00 -18.30 **Geological exhibition – The Genesis of Cyprus and Copper mining**
(Open for the whole period of the conference)
- 18.30 -19.45 **Opening Ceremony**

Introduction: Welcome messages from representatives of the Local and International Scientific and Organising Committees: Prof Kontoghiorghes GJ (IOSC/ICOC), Dr Kolnagou A (LOSC), Prof Richardson DR (ISOCAM, Australia), Prof Hsu S-F (RAHMS, Asia), Prof Kruchinina M (ICOAR, Russia), Dr Webb R (RAHMS, Europe).

Videos and information

- a) Paphos the European Capital of Culture 2017.
- b) Video 1: Cyprus Geology, Flora, Fauna and Environmental measures: Troodos Geopark
- c) Video 2: Eco Centre at Episkopi

Friday, 26th May:

Session 1: The influence of dietary factors in health and disease

Chairs: Prof Hsu Seng-Feng (TW) and Timoshnikov Victor (RU)

- 10.30 - 11.00 Webb Richard et al (UK)
Lipoprotein quality in intensively controlled type 1 diabetes: Impact of nutrition
- 11.00 – 11.30 Kontoghiorghe Christina N et al (UK)
Dietary and pharmacological control of iron absorption and toxicity
- 11.30 – 11.50 **Break**
- 11.50 - 12.20 Andronicou Anna Maria et al (CY)
A review of the dietary management of leukopenia
- 12.20 - 12.30 Open Session/ Round Table Discussion
- 12.30 - 15.00 **Break**

Session 2: Factors affecting nutrient intake with health implications

Chairs: Prof Kruchinina Margarita (RU) and Dr Webb Richard (UK)

- 15.00 –15.30 Efstathiou Aglaia et al (CY)
Domestic kitchen appliances and the effect on the nutrient intake in Cyprus
- 15.30 -16.00 Janssen Hayley et al (UK)
Dietary patterns of takeaway food: socio-demographic and lifestyle factors
- 16.00 - 16.10 Open Session / Round Table Discussion
- 16.10 -16.30 **Break**

Session 3: Factors, markers and conditions affecting patient safety and treatment

Chairs: Dr Kolnagou Annita (CY) and Janssen Hayley (UK)

16.30 – 17.00 Kruchinina Margarita et al

Alert markers of recurrent strokes: the role of hemorheological parameters

17.00 - 17.30 Makris Constantinos et al

Circadian rhythm in the diurnal patterns of xenobiotics metabolism in humans

17.30 – 18.00 Open Session/ Round Table Discussion

Recent Advances in Nutrition, Medical Care and Patient Safety.

Chairs: Dr Andronicou AM, Dr Efstathiou A, Prof Hsu S-F, Dr Kolnagou A, Dr Kontoghiorghes CN, Prof Kontoghiorghes GJ, Prof Kruchinina M, Prof Makris C, Dr Webb R

Saturday, 27th May:

Session 4: Towards improved diagnostic methods, targeted therapies and patient safety

Chairs: Prof Makris Constantinos (CY) and Dr Webb Richard (UK)

10.30 - 11.00 Richardson Des et al (Plenary Lecture)

Mechanisms of macrophage protection from toxicity of endogenous NO

11.00 - 11.30 Kruchinina Margarita et al (Plenary Lecture)

Non-invasive diagnosis of colorectal cancer with nanowire transistors

11.30 – 11.50 **Break**

11.50 - 12.20 Kontoghiorghes George J

Patient safety: Lawsuits/bribery for Novartis Exjade and other drugs

12.20 - 12.30 Open Session/ Round Table Discussion

12.30 - 15.00 **Break**

Session 5: Chelator, antioxidant and anticancer agents for the treatment of cancer

Chairs: Dr Kolnagou Annita (CY) and Vitalini Sara (IT)

15.00 –15.30 Richardson Des et al

Overcoming drug resistance using DP44MT or DPC

15.30 -16.00 Kontoghiorghes George J et al

Chelator/antioxidant targeting for the prevention/treatment of cancer

16.00 - 16.10 Open Session / Round Table Discussion

16.10 -16.30 **Break**

Session 6: Medicinal plants with therapeutic and other biological effects

Chairs: Prof Richardson Des (AU) and Timoshnikov V (RU)

16.30 – 17.00 Vitalini Sara et al

Health-promoting effects of the herb *Origanum Vulgare* L

17.00 - 17.30 Efstathiou Aglaia et al

The anticancer and other medicinal properties of carob

17.30 - 18.00 Vitalini Sara et al

Biological activities of *Achillea moschata* found in the Alps

18.00 - 18.30 Open Session / Round Table Discussion

Recent advances in drug, natural product and other treatments

Chairs: Dr Andronicou AM, Dr Efstathiou A, Prof Hsu S-F, Dr Kolnagou A, Prof Kontoghiorghes GJ, Dr Kontoghiorghes CN, Prof Kruchinina M, Prof Makris C, Prof Richardson D, Dr Vitalini S.

Sunday, 28th May:

Session 7: Complete and effective chelation treatment of iron overload in thalassaemia

Chairs: Dr Constantinidou Anastasia (CY) and Vitalini Sara (IT)

10.30 - 11.00 Kolnagou Annita et al (Plenary Lecture)

Prevention of iron overload and normal iron stores in thalassaemia patients

11.00 - 11.30 Kontoghiorghe Christina N et al

Personalised chelation therapy in iron overload in thalassaemia

11.30 – 11.50 **Break**

11.50 - 12.20 Kontoghiorghes George J et al (Plenary lecture)

Thirty years of Deferiprone: A breakthrough in drug design and medicine

12.20 -12.50 Open Session / Round Table Discussion

Thalassaemia: Transition from a fatal to a chronic disease

Chairs: Dr Constantinidou A, Prof Hsu S-F, Dr Kolnagou A, Dr Kontoghiorghe CN, Prof Kontoghiorghes GJ, Prof Kontos M, Prof Kruchinina M, Prof Makris C, Prof Richardson D, Dr Vitalini S.

12.30 - 15.00 **Break**

Session 8: New therapeutic strategies in the treatment of cancer

Chairs: Prof Richardson Des (AU) and Prof Kontos Michael (GR)

15.00 – 15.30 Constantinidou Anastasia (Plenary lecture)

Cancer therapy in the era of personalized medicine

15.30 – 16.00 Theodorou Marilena et al

Acoustic neurinoma and stereotactic radiotherapy

16.00 - 16.10 Open Session / Round Table Discussion

16.10 -16.30 **Break**

Session 9: Advances in the treatment of cancer

Chairs: Dr Kontoghiorghe Christina N (UK) and Dr Constantinidou Anastasia (CY)

16.30 – 17.00 Kontos Michael (Plenary lecture)

Advances in breast cancer surgery

17.00 - 17.30 Theodorou Marilena et al (Plenary lecture)

Advances in radiotherapy techniques for Lymphomas

17.30 – 18.00 Richardson Des et al

Selective targeting of tumours with multi-drug resistance

18.00 – 18.30 Open Session / Round Table Discussion

Recent advances in cancer diagnosis and treatment.

Chairs: Dr Constantinidou A, Prof Hsu S-F, Prof Makris C, Dr Kolnagou A, Dr Kontoghiorghe CN, Prof Kontoghiorghes GJ, Prof Kontos M, Prof Kruchinina M, Prof Richardson D, Dr Theodorou M.

Monday 29th May:

Session 10: Mechanisms, diagnostic methods and targeted activity of iron chelators

Chairs: Prof Prof Hsu Seng-Feng (TW) and Liang Hao-Hsun (TW)

- 10.30 - 11.00 Richardson Des et al
Nrf2 and dysfunctional oxidative stress signaling in Friedreich's Ataxia
- 11.00 - 11.30 Timoshnikov Victor et al
Influence of deferiprone on redox reactions with iron and copper ions
- 11.30 – 11.50 **Break**
- 11.50 - 12.20 Kolnagou Annita et al
New monitoring methods of iron overload in thalassaemia patients
- 12.20 - 12.30 Open Session/ Round Table Discussion
- 12.30 - 15.00 **Break**

Session 11: Recent advances in Chinese medicine and acupuncture

Chairs: Prof Kruchinina Margarita (RU) and Prof Makris Constantinos (CY)

- 15.00 - 15.30 Hsu Sheng-Feng et al (Plenary Lecture)
Treatment with Low Level Laser Therapy (LLLT) in chronic periodontitis
- 15.30 - 16.00 Liang Hao-Hsun et al
The use of Low Level Laser Therapy (LLLT) in pain relief
- 16.30 –17.00 Open Session / Round Table Discussion
Recent advances in health, Chinese and other medical sciences

Chairs: Dr Constantinidou A, A Prof Hsu S-F, Prof Makris C, Dr Kolnagou A, Dr Kontoghiorghes CN, Prof Kontoghiorghes GJ, Prof Kontos M, Prof Kruchinina M, Prof Richardson D, Dr Theodorou M.

Tuesday, 30th May:

Excursion. Tour of Paphos.

Wednesday, 31st May:

Session 12: Closing Ceremony and Concluding remarks.

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

- 11.00 - 12.00 Presentation of late abstracts.
Announcement of the 6th ICOAR, 9th RAHMS, 27th ICOC.