

PROGRAMME SUMMARY: 2nd ICOAR, 5th RAHMS AND 23rd ICOC **(Preliminary Programme of accepted abstracts from registered participants)**

*** OPPORTUNITIES FOR ORAL AND MAINLY POSTER PRESENTATIONS** **AND IN PARALLEL SESSIONS (Deadline for reg. and abstracts: 14th June, 2014)**

Sunday, 6th July: 15.00-16.30: Registration. 16.30–17.10: Opening. 20.00–21.00: Reception

Session 1, Chairs: Prof Black HS and Prof Crichton RR

17.10 - 17.30 Dr Kolnagou A: Long term follow up of Thalassaemia patients with normal iron stores

17.30 - 17.50 Dr Kontoghiorghes CN: World health dilemmas: orphan diseases, drugs and patients

17.50 - 18.10 Dr Kolnagou A: The transition of thalassaemia from a fatal to a chronic disease

Session 2, (Posters 18.15 - 19.00) Chairs: Dr Kolnagou A and Prof Ward R

Fanis P: Single nucleotide polymorphisms associated with fetal haemoglobin levels

Theodorou A: Screening of novel agents for the treatment of beta-thalassaemia

Prof Kontoghiorghes GJ: Criminal investigations in Cyprus and toxicity aspects regarding Deferasirox

19.00 - 20.00 Open Session/ R T Discussion: Risk/benefit of chelation, BMT and gene therapy in Thalassaemia

(Chairs: Black HS, Claudio PP, Crichton RR, El Beyrouthy M, Huang H-H, Karagiannis SN, Kluchová D, Kolnagou A, Kontoghiorghes GJ, Kruchinina M, Lacy KE, Liao H-Y, Marekova M, Merolla F, Rajapurkar MM, Richardson DR, Romano MP, Staibano S, Sun M-F, Theodorou M, Veselá J, Ward R)

Monday, 7th July:

Session 3, Chairs: Prof. Claudio PP and Dr Merolla F

10.30 - 11.00 Prof Black HS: The role of nutritional lipids and antioxidants in skin cancer

11.00 - 11.30 Prof. Romano MP: Molecular interactions in malignant melanoma

11.30 - 12.00 Prof Richardson DR: DP44MT: conversion of the autophagy process into a cell death mechanism

12.00 - 12.30 Open Session/ R T Discussion “Insight into the causes and development of melanoma and other cancers”

(Chairs: Black HS, Claudio PP, Karagiannis SN, Kontoghiorghes GJ, Kruchinina M, Lacy KE, Marekova M, Merolla F, Richardson DR, Romano MP, Staibano S, Sun M-F, Theodorou M, Veselá J)

Session 4, Chairs: Prof Romano MP and Prof Marekova M

15.00 - 15.30 Prof Staibano S: The biology of head and neck squamous cell cancer: the pathologist’s point-of-view

15.30 - 16.00 Dr Merolla F: An immunohistochemical study in head and neck cancers

16.00 - 16.30 Prof Richardson DR: Lysosomal p-glycoprotein to overcome tumor multi-drug resistance

Session 5, Chairs: Prof Richardson DR and Prof. Romano MP

17.00 - 17.30 Prof Claudio PP: Novel chemosensitivity assay for cancer cells in brain tumors

17.30 - 18.00 Dr Theodorou M: Stereotactic high precision radiation and radiosurgery for brain tumors

18.00 - 18.30 Open Session/ R T Discussion “Advances in the prevention, diagnosis and treatment cancer”

(Chairs: Black HS, Claudio PP, Karagiannis SN, Kontoghiorghes GJ, Kruchinina M, Lacy KE, Marekova M, Merolla F, Richardson DR, Romano MP, Staibano S, Sun M-F, Theodorou M, Veselá J)

Tuesday, 8th July:

Session 6, Chairs: Prof Crichton RR and Prof Richardson DR

10.30 -11.00 Prof Ward R: Brain iron chelation by deferiprone in Parkinson’s disease patients

11.00 -11.30 Dr Rajapurkar MM: Deferiprone in patients with glomerulonephritis and diabetic nephropathy

11.30 -12.00 Prof Kontoghiorghes GJ: Deferiprone as an antioxidant and metabolic regulator in diseases

12.00 -12.30 R T Discussion “Applications of Deferiprone in Medicine”

Session 7, Chairs: Prof Black HS and Dr Huang H-H

15.00 -15.30 Dr Karagiannis SN: B cell and antibody responses in melanoma: Translational opportunities

15.30 - 16.00 Dr Lacy KE: Gamma delta T cells in melanoma and therapy with bisphosphonates

16.00 - 16.30 Prof Kontoghiorghes GJ: Antiinflammatory and anticancer effects on skin by chelators

Session 8, Chairs: Dr Karagiannis SN and Dr Rajapurkar MM

17.00 - 17.30 Prof Sun M-F: Complementary traditional Chinese medicine therapy for patients with stroke

17.30 - 18.00 Dr Davydova N K: Research and development of antiarrhythmic drugs

18.00 - 18.30 Open Session/ R T Discussion “New upcoming treatments in Alzheimer’s, Parkinson’s, Friedreich Ataxia, Muscular dystrophy and other neurodegenerative diseases”

(Chairs: Crichton RR, Huang H-H, Karagiannis SN, Kluchová D, Kolnagou A, Kontoghiorghes GJ, Lacy KE, Liao H-Y, Rajapurkar MM, Richardson DR, Sun M-F, Veselá J, Ward R)

20.00 -24.00 Cypriot Culture Night

Wednesday, 9th July:

Session 9, Chairs: Dr Karagiannis SN and Dr Lacy K

10.30 - 11.00 Prof Ward R: Role of microglia in neurodegenerative diseases

11.00 - 11.30 Dr Huang H-H: Acupuncture is a possible therapy for progressive encephalomyelitis

11.30 - 12.00 Dr Liao H-Y: Effects of Chinese medicine therapy on patients with cerebral palsy

12.00 - 12.30 Open Session/ R T Discussion “Advances in Chinese Medicine, neurodegenerative diseases & cancer”

(Chairs: Crichton RR, Huang H-H, Karagiannis SN, Kluchová D, Kolnagou A, Kontoghiorghes GJ, Liao H-Y, Rajapurkar MM, Richardson DR, Sun M-F, Veselá J, Ward R)

15.00–19.30 **Sightseeing Excursion**

Thursday, 10th July

Session 10, Chairs: Prof Ward R and Dr Liao H-Y

10.30 - 11.00 Prof Crichton RR: Dysfunction of metal homeostasis and neurodegeneration

11.00 - 11.30 Prof Richardson DR: Functional alterations in a cardiac model of Friedreich ataxia

11.30 - 12.00 Dr Rajapurkar MM: Catalytic iron in cardiovascular and renal disease

12.00 -12.30 R T Discussion “The role of excess and catalytic iron in tissue damage”

Session 11, Chairs: (Posters 15.00 - 15.45) Prof Kruchinina M and Prof Kluchová D

Prof El Beyrouthy M: Antioxidant and allelopathic activities of biological extracts of *artemisia*

Prof El Beyrouthy M: Antioxidant and antibacterial activity of Tunisian *cupressus sempervirens*

Neocleous K: Development of gluten- free bakery products from carob

Session 12, Chairs: (Posters 16.00 - 16.45) Prof El Beyrouthy M and Dr Theodorou M

Prof Kruchinina M: New methods and advances in colorectal cancer staging diagnosis

Prof Mareková M: Diagnostic potential of human urine autofluorescence in breast cancer

Prof Kluchová D: The effect of nutrition on the emotional status of the rat

Session 13, Chairs: (Posters 16.45 -17.30) Prof Kluchová D and Prof Kruchinina M

Dr Kontos C: Echocardiography and clinical examination for diagnosis of cardiac tamponade

Prof Veselá J: Intestinal ischemia-reperfusion injury on gene expression in lungs

Dr Charalambous N: The effect of tuition fee increase on medical students in England

17.30 -18.00 R T Poster Discussion (Chairs: El Beyrouthy M, Kluchová D, Kruchinina M and Veselá J)

18.00 - 18.30: 2nd ICOAR, 5th RAHMS, 23rd ICOC Committee meetings

Friday, 11th July:

Session 15, Chairs: Prof Mareková M and Prof El Beyrouthy M

10.30 - 11.00 Prof Richardson DR: Anticancer activity of DP44MT via albumin and its receptor

11.00 - 11.30 Dr Theodorou M: Stereotactic high precision radiation treatment for lung and liver tumors

11.30 - 12.00 Mr Bond G: Is cancer optional?: Evolutionary history aspects

12.00 - 12.30 R T Discussion: “Prevention and treatment of cancer”

Session 16, Chairs: Dr Rajapurkar M and Dr Kolnagou A

15.00 - 15.30 Prof El Beyrouthy M: Antimicrobial effect of selected Lebanese medicinal plants

15.30 - 16.00 Dr Efstathiou A: The use of small domestic kitchen appliances: in Cyprus and the UK.

16.00 - 16.30 Dr Kontoghiorghes CN: Post-operative management comparison in the UK and Ethiopia

17.00 - 17.30 Open Session/ R T Discussion: “Global health issues”

(Chairs: Black HS, El Beyrouthy M, Kolnagou A, Kontoghiorghes GJ, Rajapurkar MM, Richardson DR)

Saturday, 12th July:

11.00 - 12.00 Closing Ceremony and Concluding remarks.

Announcement of the 3rd ICOAR, 6th RAHMS, 24th ICOC

ORGANISED BY PRI, THE LOCAL AND INTERNATIONAL SCIENTIFIC COMMITTEES

Venue: Azia Resort and Spa, Paphos, Cyprus. Tel: +357 26845100. E-mail: events@aziaresort.com

Publication of Proceedings: Selected papers in the journal *Frontiers in Bioscience* (G J Kontoghiorghes-Editor)

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