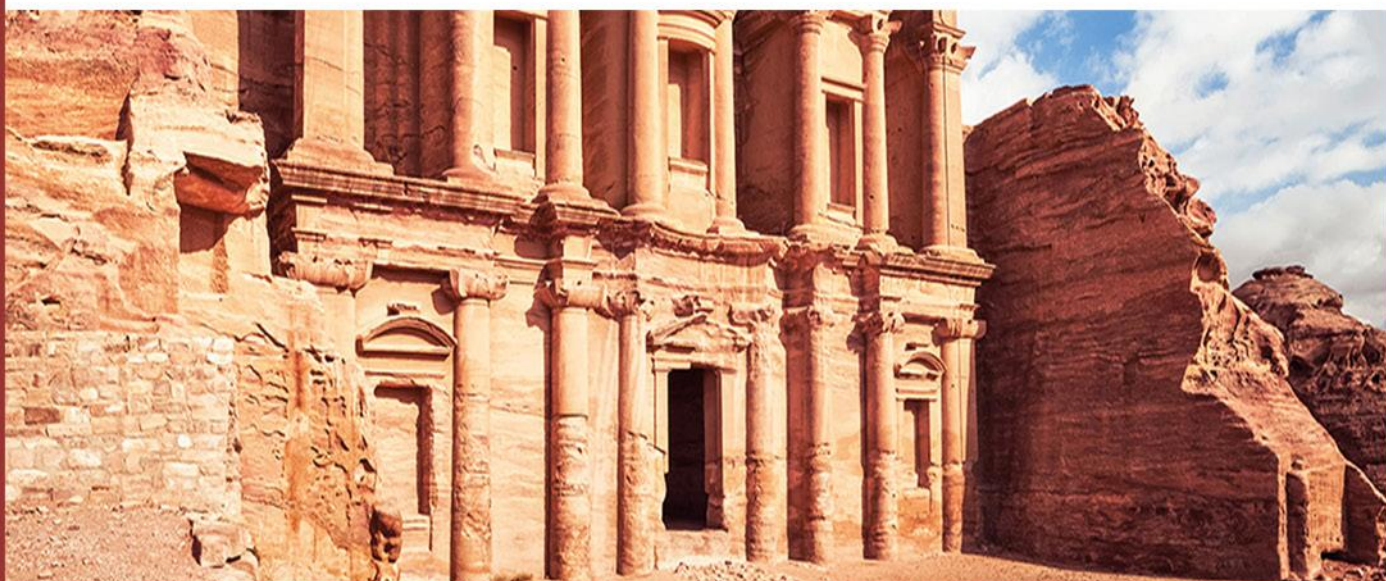


AMMAN ANTIOXIDANTS 2018

ISANH Middle East

3rd ISANH Middle East World Congress
Amman Antioxidants 2018



MAY 2-3, 2018 - AMMAN, JORDAN

Royal Scientific Society - Amman, Jordan

May 2-3, 2018

Under the Patronage of HRH Princess Sumaya bint El Hassan,
the President of Royal Scientific Society



الجمعية العلمية الملكية
Royal Scientific Society



INTERNATIONAL SOCIETY OF
ANTIOXIDANTS
— MIDDLE EAST —

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3rd ISANH Middle East Antioxidants World Congress

May 2-3, 2018 - Royal Scientific Society, Amman, Jordan

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Dear Colleagues,

On behalf of the ISANH International and ISANH Middle East, it is a great pleasure to announce the organization of the third ISANH Middle East Antioxidants World Congress which will be held in Amman, Jordan, in May 2-3, 2018.

Amman Antioxidants 2018 is organized under the Patronage of HRH Princess Sumaya bint El Hassan, the President of Royal Scientific Society.

The aim of this international congress is to gather all stakeholders in antioxidants field and their impact on nutrition and health. Participants will majority come from Middle East, Africa, Europe & Asia to discuss about some strategic axes during ISANH Middle East 2018.

Amman Antioxidants 2018 congress will be dedicated to different targets:

- Oxidative stress & antioxidants in health & medicine: recent advances and perspectives
- Antioxidants & diabetes: recent advances and innovations
- Practical applications of antioxidants and antioxidants rich food in health
- Oxidative stress, antioxidants and innovations

With this exciting program, we wish to meet you in Amman next May.

Prof. Richard Maroun

President of ISANH Middle East

Prof. Jumana Saleh

Vice-President of ISANH Middle East

Prof. Hanan Malkawi

Local Organizing Committee

3rd ISANH Middle East Antioxidants World Congress

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Agenda

Day 1 – May 2, 2018

8h00 **Welcoming, registration & seating the invitees**

9h00 **Jordanian National Anthem - Few minutes film about Royal Scientific Society**
Prof. Hanan Malkawi, Master of Opening Ceremony, VP at Royal Scientific Society, Jordan

9h20 **Welcome introduction by ISANH Middle East Chairpersons**
Prof. Richard Maroun, President of ISANH Middle East, Dean of Faculty of Sciences, Saint Joseph University, Lebanon
Prof. Jumana Saleh, Vice-President of ISANH Middle East, Sultan Qaboos University, Oman
HRH Princess Sumaya bint El Hassan, President of Royal Scientific Society, Jordan

9h50 Coffee Break & Posters Session

Chairs: Kamel Ajlouni, Hanan Malkawi, Jumana Saleh

10h15 **Prevalence of diabetes and prediabetes in Jordan and Arab countries**
Kamel Ajlouni, Director of the National Center for Diabetes, Endocrinology & Genetics, Jordan

Session 1: Oxidative stress & antioxidants in health & medicine: Recent advances and perspectives

10h40 **Oxidative stress, mitochondria and microbiota: how to modulate this strategic targets?**
Marvin Edeas, Institut Cochin - University Paris Descartes, Paris, France

11h05 **The clinical relevance of systemic markers of oxidative stress in metabolic syndrome disorders**
Body fat distribution as a determinant of cardiovascular risk and insulin resistance in reproductive and post-menopausal Arab women
Jumana Saleh, Sultan Qaboos University, Oman

11h30 **Redox signaling predicts disease progression and patient survival in various conditions**
Harry van Goor, University Medical Center Groningen, The Netherlands

11h55 **Redox regulation of lung cancer metastasis**
Martin Bergö, Sahlgrenska Cancer Center, Sweden

12h20 **The effect of antioxidants intake on cardiovascular diseases among Jordanians**
Reema Tayyem, The University of Jordan, Jordan

12h45 Lunch Break & Posters Session

Chairs: Martin Bergö, Harry van Goor

14h00 **Oxidative stress, DNA damage and inflammation as biomarkers of radiotoxicity in radiation exposed healthcare workers**
The side effects of radiotherapy in cancer patients
Iman Ahmad, University of Nebraska Medical Center, USA

Session 2: Antioxidants extraction & practical applications of antioxidants in health

- 14h25 **Antioxidant molecules of food byproducts: from the extraction using innovative technologies to bioactive properties**
Richard Maroun, Saint Joseph University of Beirut, Lebanon
- 14h50 **Intensification of phenolic compounds extraction from purple maize using IVDV (Intensification of Vaporization by Decompression to the Vacuum)**
Nicolas Louka, Saint Joseph University of Beirut, Lebanon
- 15h15 **Selective multi-stage extraction process of biomolecules from vine shoots by a combination of biological, chemical and physical treatments**
Hiba Rajha, Saint Joseph University of Beirut, Lebanon

15h40 Coffee Break & Posters Session

Chairs: Espérance Debs, Hiba Rajha

- 16h10 **Comparative study between ethanolic and β -cyclodextrin assisted extraction of polyphenols from peach pomace**
Espérance Debs, University of Balamand, Lebanon
- 16h35 **Green tea intervention for protection against smoking related oxidative damage among smokers: role of genotypes**
Iman Hakim, University of Arizona Cancer Center, USA
- 17h00 **Role of Pentoxifylline, a potential antioxidant drug, in human sperm function**
Saleem Bani Hani, Jordan University of Science and Technology, Jordan
- 17h25 **Effects of maternal metformin supplementation on prenatal growth and metabolism of the offspring**
Antonio Gonzalez-Bulnes, Comparative Physiology Group SGIT-INIA, Spain

Short oral presentations (7 minutes for presentation + 3 minutes for questions)

- 17h40 **Effect of different extracting solvents and hydrothermal processes on antioxidant activity of oat bran extracts**
Michał Janiak, Polish Academy of Sciences, Poland
- 17h50 **Correlation between functional tests and oxidative stress markers in healthy older subjects**
Gabriel Nasri Marzuca-Nassr, Universidad de La Frontera, Chile
- 18h00 **Hypotensive effect of rutin containing drink by a clinical trial**
Chin-Kun Wang, Chung Shan Medical University, Taiwan
- 18h10 **Controlling oxidative stress promotes functional recovery after traumatic brain injury**
Raghu Vemuganti, University of Wisconsin, USA
- 18h20 **End of the first day**
- 19h30 **Amman Antioxidants Dinner**
All the practical information will be communicated on site.

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Agenda

Day 2 – May 3, 2018

8h55 Opening of the second day

Session 3: Diabetes & Redox Medicine

Chairs: Iman Hakim, Lubna Tahtamouni

9h00 **Diabetes induced microvascular complications: unveiling new friends and identifying hidden enemies**
Assaad Eid, American University of Beirut, Lebanon

9h25 **Hypogonadism in patients with type 2 Diabetes Mellitus**
Nahla Khawaja, The National Center for Diabetes, Endocrinology and Genetics, Jordan

9h50 **Vitamin D supplementation is associated with increased glutathione peroxidase-1 levels in pre-diabetic Saudi adults**
Nasser Al-Daghri, King Saud University, Kingdom of Saudi Arabia

10h15 **What about dysglycemia: recent scientific advances and perspectives**
Mousa Abujbara, The National Center for Diabetes, Endocrinology and Genetics, Jordan

10h40 Coffee break & posters session

11h10 **Prevalence, gender differences and associated factors of depression among adults with type 2 diabetes in Jordan**
Dana Hyassat, The National Center for Diabetes, Endocrinology and Genetics, Jordan

11h35 **Novel insights into a shared pathophysiology in type I diabetes and Crohn's disease**
Naser Saleh, University of Central Florida, USA

Short oral presentations (7 minutes for presentation + 3 minutes for questions)

12h00 **Identification of novel education models to improve health outcomes in people with pre-diabetes living in Saudi Arabia**
Rasha Al-Hamdan, University of Nottingham, United Kingdom

12h10 **Glycemic control, and their predictors in type 2 diabetes care in Palestine**
Rami Mosleh, Arab American University- Jenin, Palestine

12h20 Lunch Break & Posters Session

Session 4: Oxidative stress, antioxidants and innovations

Chairs: Assaad Eid, Reema Tayyem

14h00 **Oxidative stress and antioxidant therapy: from infection to cancer**
Maher Abdalla, University of Nebraska Medical Center, USA

14h25 **How to improve bioavailability and efficacy of isolated antioxidants in clinic: from formulation and chaperones to organ targeting deliver**
Ivan Petyaev, Lycotec Ltd, United Kingdom

14h50 **Intravenous NAD⁺ effectively increased the NAD metabolome, reduced oxidative stress and inflammation, and increased expression of longevity genes safely in elderly humans**
Nady Braidy, University of New South Wales, Australia

15h15 **Can antioxidants make a life longer?**
Zhen-Yu Chen, Chinese University of Hong Kong, China

15h25 Coffee Break & Posters Session

Chairs: Marvin Edeas, Richard Maroun

15h55 **All we need to know about dietary and food supplements: comparison between Europe and Middle East**
Stoffer Loman, NutriClaim, The Netherlands

Short oral presentations (7 minutes for presentation + 3 minutes for questions)

16h20 **L-tug lycopene and lycopene isomers: what are their role in various health benefits?**
Stoffer Loman, NutriClaim, The Netherlands

16h30 **In vitro pro-apoptotic effects of cephalostatin analogues: does endoplasmic reticulum stress alter redox homeostasis?**
Lubna Tahtamouni, The Hashemite University, Jordan

16h40 **Medicinal plants growing wild in Jordan: phytochemical and bioactivity screening**
Hala Al Jaber, Al-Balqa Applied University, Jordan

16h50 **Postprandial effect of high-glucose meal on metabolic endotoxemia and other clinical parameters in non-T2DM and T2DM adult females**
Majed Alokail, King Saud University, Saudi Arabia

17h00 **Natural product celastrol suppressed macrophage M1 polarization against inflammation in diet-induced obese mice via regulating Nrf2/HO-1, MAP kinase and NF- κ B pathways**
Jianhui Rong, The University of Hong Kong, China

17h10 **Nephroprotective potential of Flaxseed and its lignan Secoisolariciresinol diglucoside against HgCl₂- induced toxicity in rats**
Rajesh Javaraiah, University of Mysore, India

17h20 **Anti-neurodegenerative effects of DMSO and vitamin C in wistar rats induced with ischemic stroke**
Nasiru Suleiman, University of Maiduguri, Nigeria

17h30 **Anti-neurodegenerative effects of DMSO and vitamin C in albino rats induced with traumatic brain injury**
Lawal Suleman Bilbis, Usmanu Danfodiyo University Sokoto, Nigeria

17h40 **Concluding remarks of ISANH Middle East World Congress 2018**
Prof. Richard Maroun, President of ISANH Middle East
Prof. Jumana Saleh, Vice-President of ISANH Middle East

ISANH Middle East 2018 Awards

18h00 **End of ISANH Middle East World Congress**