

7TH COSTAM/SFRR (MALAYSIA/ASIA) WORKSHOP AND 4TH BIENNIAL MEETING OF SFRR ASIA

CHEMOPREVENTION AND TRANSLATIONAL RESEARCH
9 - 12 July 2009

SCIENTIFIC PROGRAMME

THURSDAY JULY 9, 2009

Opening Ceremony and Keynote Lecture

Chairman: Academician Tan Sri Emeritus

Professor Datuk Dr. Augustine S.H. Ong

5:00- 6:00 PM **Opening Ceremony and Cultural Show**

6:00- 6:40 PM **Keynote Lecture - Sten Orrenius (Sweden)**

Mitochondrial regulation of cell death

8:00 PM **Welcome Reception (BBQ Dinner)**

FRIDAY JULY 10, 2009

SESSION I TOCOLS

8:00 – 2:50 (20 minutes each)

Chairman: **Dato' Dr. Mohd Basri Wahid**

Dr. Maret Traber

8:00 - 8:30 **Bharat Aggarwal (USA)**

Targeting inflammatory pathways by tocotrienols for chronic diseases

8:30 - 8:50 **Maret Traber (USA)**

Update on Vitamin E

8:50 - 9:10 **Lindsay Brown (Australia)**

Antioxidant interventions in diet-induced metabolic syndrome

9:10 - 9:30 **Gee Ping Tou (Malaysia)**

The Vitamin E Paradox

9:30 - 9:50 **Dipak Das (USA)**

Tocotrienols in the reduction of cardiac risk factors associated with atherosclerosis

9:50 -10:10 **Daniel Yap Yee Leng (Singapore)**

Evidence of gamma-tocotrienol as an apoptosis-inducing, invasion-suppressing and chemotherapy drug-sensitizing agent in human prostate cancer cells

10:10 – 10:30 **Sree Kumar (USA)**

10:30 – 11:00	<i>Development of gamma-tocotrienol as a radiation countermeasure drug</i> TEA BREAK / POSTER SESSION
11:00 – 11:20	Wan Zurina Wan Ngah (Malaysia) <i>Proteomic Changes in Ageing: Effects of Supplementation</i>
11:20 – 11:50	Nesrin Kartal Ozer (Turkey) <i>Hypercholesterolemia-induced oxidative stress related changes in the brain of rabbits</i>
11:50 – 12:10	Michael Mathai (Australia) <i>Oral supplementation with tocotrienols in rats reverses hypertension and cardiac fibrosis in obese-hypertensive rats</i>
12:10 – 12:30	Kalanithi Nesaretnam (Malaysia) <i>Clinical Trials on Tocotrienols</i>
12:30 – 12:50	Ammu Radhakrishnan (Malaysia) <i>Enhancement of Immune Response to Breast Cancer by TRF</i>
12:50 - 2:30	LUNCH / POSTER SESSION / SFRR ASIA BUSINESS MEETING
2:30 – 2:50	Yuen Kah Hay (Malaysia) <i>Absorption and disposition issues in the research and utilization of tocotrienols</i>
2:50 – 3:10	Prashanth Bagali (India) <i>Computer modelling approaches in the development of Tocotrienol based lead compounds</i>
3.10 - 3.30	Sharon Campbell (USA) <i>title to be submitted</i>

SESSION II POLYPHENOLS

3:30 – 6:20 (20 minutes each)

Chairman: **Dr. Cesar Fraga**
Dr. Yasmin Yusoff

3:30 - 4:00	Helmut Sies (Germany) <i>Vascular responses to flavanols</i>
4:00 – 4:20	Cesar Fraga (Argentina-USA) <i>Antihypertensive effects of flavanols</i>
4:20 – 4:40	Alan Crozier (UK) <i>Recent studies on the bioavailability of dietary flavonoids</i>
4:40 – 5:00	TEA BREAK / POSTER SESSION
5:00 – 5:20	David Ross (USA) <i>Discovery and Development of Targeted Antitumor Quinones</i>
5:20 - 5:40	Baolu Zhao (China) <i>Protective effects of green tea polyphenols on neurons against 6-OHDA induced apoptosis through ROS-NO pathway in Parkinson's Disease</i>
5:40 – 6:00	Rajesh Agarwal (USA) <i>Skin Cancer Chemoprevention by Silibinin</i>
6:00– 6:20	Guy Haegeman (Belgium) <i>Modulation of inflammatory gene expression by natural compounds</i>

SATURDAY JULY 11, 2009

SESSION II POLYPHENOLS (cont.)

8:00 – 12:50 (20 minutes each)

Chairman: **Dr. Helmut Sies**
Dr. Wan Zurina Wan Ngah

8:00 - 8:20 **Daniel Tsun- Yee Chiu (Taiwan)**

Myocardial infarction and Parkinson's disease are associated with increased oxidative stress

8:20 - 8:40 **Ong Choon Nam (Singapore)**

Antioxidants of Common Fruits in South east Asia

8:40 - 9:00 **Patricia Oteiza (USA)**

Redox signaling in leukemia and lymphoma cell: Regulation of polyphenols and other selective inhibitors

9:00 - 9:20 **Paul Devasagayam (India)**

Radiomodulating and antioxidant effects of baicalein in normal and tumour cells

9:20 - 9:40 **Uma Devi Palanisamy (Malaysia)**

Phenolic compounds as anti hyperglycemic agents

9:40 -10:00 **Maitree Suttajit (Thailand)**

Antioxidant activity and chemopreventive potential of polyphenolic compounds from

Antidesma thwaitesianum Müll. Arg

10:00 -10:20 **Chaiyavat Chaiyasut (Thailand)**

Effects of caffeic acid analogues on free radical scavenging activities and carcinogen modulating enzyme properties

10:20 - 10:50 **TEA BREAK / POSTER SESSION**

10:50 -11:10 **Asmah Rahmat (Malaysia)**

Comparison of total phenolic content and antioxidant activities of fresh selected herbs/ spices to their powder forms

11:10 -11:30 **Sandip K. Bandyopadhyay (India)**

Analog of Resveratrol Modulate Its Contraindicative Effect of NSAID – induced gastric Ulcer: a Better Anticancer Agent

11:30 -11:50 **Suhaila Mohamed (Malaysia)**

New functional food from tropical resources

11:50 -12:10 **M.S. Kanthimathi (Malaysia)**

Two native plants with antioxidant and anticancer activities

12:10 -12:30 **Umah Rani K (Malaysia)**

Insulin-like activities of Naringenin

12:30 - 12:50 **Gautham Sethi (Singapore)**

Targeting NF-kappaB by Celastrol, a Quinone Methide Triterpenoid for Treatment of Cancer.

12:50 -2:00 **LUNCH / POSTER SESSION / FREE RADICAL RESEARCH EDITORIAL BOARD MEETING**

SATURDAY JULY 11, 2009

SESSION III GENERAL

8:00 – 12:50 (20 minutes each)	
Chairman:	Dr. Enrique Cadenas Dr. Gee Ping Tou
8:00 - 8:30	Balz Frei (USA) <i>Anti-inflammatory and antioxidant effects of alpha-lipoic acid in vascular aging and atherosclerosis</i>
8:30 - 8:50	Enrique Cadenas (USA) <i>Lipoic acid-driven metabolic regulation of age-related neurodegeneration</i>
8:50 - 9:10	Olaf Sommerburg (Germany) <i>Beta-carotene supplementation in cystic fibrosis patients. Is red palm oil a way to do it safely?</i>
9:10 - 9:30	Marc Diederich (USA) <i>Marine compounds as promising anti-cancer agents</i>
9:30 - 9:50	Hideyuki Majima (Japan) <i>3D Cultures of Rat Gastric Mucosal Cell Line RGM1 or Its Tumor Cell Line RGK1 Combined with Human Fibroblasts</i>
9:50 - 10:10	Ashok Kumar (India) <i>title to be submitted</i>
10:10 - 10:30	Aishah Adam (Malaysia) <i>Octomeles sumatrana (Datiscaceae) has high antioxidant capacity and no toxicity</i>
10:30 - 11:00	TEA BREAK / POSTER SESSION
11:00 - 11:20	Joydeb Kumar Kundu (Korea) <i>Diallyl trisulfide inhibits phorbol ester-induced tumour promotion, activation of AP-1 and expression of COX-2 in mouse skin by blocking JNK and AKT signaling</i>
11:20 - 11:40	Tasduq Abdullah (India) <i>Herbal Anti-oxidants -Role in Liver Pathology</i>
11:40 - 12:00	Poonam Kakkar (India) <i>Modulation of Bcl-2 and Bax expression by Fp extract during nimesulide induced apoptosis in primary hepatocytes</i>
12:00 - 12:20	A.A. Mahdi (India) <i>Antioxidant status in Aluminum Neurotoxicity; Its possible relationship to cognitive impairment of Alzheimer's type: Protective effect of Bacopa monnieri</i>
12:20 - 12:40	Zeki Topcu (Turkey) <i>DNA Telomerases as the Targets of Anti-cancer Drugs and Alternative Telomere Lengthening Pathways</i>
12:40 - 1:00	Sek Chuen Chow (Malaysia) <i>Immunomodulation and toxicity of methylketone peptides</i>
1:00 - 2:00	LUNCH / POSTER SESSION / FREE RADICAL RESEARCH EDITORIAL BOARD MEETING

SESSION IV OXIDANT SIGNALLING

2:00 – 6:00 (20 minutes each)

Chairman: **Dr. Young-Joon Surh
Dr. Salmaan Hussain**

2:00-2:30 **Young-Joon Surh (Korea)**

Redox-Sensitive Transcription Factors Involved in Cellular Stress Response

2:30-2:50

Michael Davies (Australia)

Myeloperoxidase-derived oxidants: a major source of damage in human inflammatory disease?

2:50 - 3:10

Yuji Naito (Japan)

Role of peroxiredoxin-6 in inflammatory bowel

3:10 - 3:30

Roderick Dashwood (USA)

NADPH oxidase and NFkB activation in human colon cancers and carcinogen-induced colon tumors

3:30 - 3:50

Shinya Toyokuni (Japan)

Asbestos-induced carcinogenesis is oxidative-stress dependent

3:50 - 4:10

TEA BREAK / POSTER SESSION

4:10-4:30

Shazib Pervaiz (Singapore)

Regulation of Mitochondrial Respiration by the Anti-Apoptotic protein Bcl-2

4:30-4:50

Mi-Kyoung Kwak (Korea)

Nrf2 as a molecular target for the cytoprotection against oxidative damage.

4:50 - 5:10

Masayasu Inoue (Japan)

Mitochondrial Theory of Carcinogenesis and Chemotherapy

5:10 - 5:30

Betul Yerer (Turkey)

Mitochondrial electron transport chain and antioxidant defence mechanisms with circadian rhythm alterations in rat brain and eye

5:30 - 5:50

Hye-Kyung Na (Korea)

ROS mediates 4-hydroxyestradiol-induced anchorage-independent growth of human mammary epithelial cells through activation of NF-kappaB signaling

5:50 - 6:10

Salmaan Hussain (Malaysia)

Recent updates on styryllactones

SUNDAY JULY 12 2009

SESSION IV OXIDANT SIGNALING (cont.)

8:00 – 9:20 (20 minutes each)

Chairman: Dr. Young-Joon Surh

Dr. Salmaan Hussain

8:00 - 8:20

Santasree Majundar (India)

Theaflavin induces Apoptosis via Intracellular ROS generation

8:20 - 8:40

Chang Chen (China)

Repression of classical nuclear export by S-nitrosylation of CRM1

8:40 - 9:00

Yang Liu (China)

Novel free radical scavenging effect by self-assembly of antioxidant groups on gold nanoparticles

9:00 - 9:20

Junichi Fujii (Japan)

Peroxiredoxin 4 deficiency causes oxidative stress-induced spermatogenic cell death

SESSION IV CLINICAL RESEARCH

9:20 – 11:30 (20 minutes each)

Chairman: **Dr. Tony Kong**
Dr. Andreas Papas

9:20 - 9:50 **Tony Kong (USA)**
Personal Genomics, Nutrition and Cancer

9:50 -10:10 **Andreas Papas (USA)**
Antioxidant Supplementation of Cystic Fibrosis Patients

10:10 -10:30 **TEA BREAK**

10:30 -10:50 **An-Sik Chung (Korea)**
Anticarcinogenic function of selenium and its clinical application

10:50 -11:10 **Malyn Chulasiri (Thailand)**
Free-Radical Quenching Myrobalan for Cosmeceuticals : From Laboratory to Clinical Evaluation

11:10 -11:30

SESSION V SFRR ASIA YOUNG INVESTIGATOR AWARD

11:30 – 12:50 (10 minutes each)

Chairman: **Dr. Toshikasu Yoshikawa**
Dr. Paul Devasagayam

11.30 - 11.40 **Mika Jikumaru (Japan)**
Role of estrogen and nitric oxide in the sex difference of fat metabolism and survival during fasting

11:40 -11:50 **Ahmad Nazrun Shuid (Malaysia)**
Tocotrienol supplementation improves bone structure and strength of normal male rats

11:50 -12:00 **Vinod Tiwari (India)**
Chronic treatment with tocotrienol, an isoform of vitamin E prevents intracerebroventricular streptozotocin-induced cognitive impairment and oxidative nitrosative stress in rats

12.00 -12:10 **Kunishige Onuma (Japan)**
Progression of Regressive Tumor Cells into Malignant Ones by Nano-scaled Particles of Titanium Dioxide through Generating ROS

12:10 -12:20 **Ling Lai Teng (Malaysia)**
Rind of the rambutan, Nephelium lappaceum, a potential source of anti-ulcer agent and antioxidant

12:20 -12:30 **Jeremy Wong Weng Yew (Malaysia)**
Palm tocotrienols suppress tumour formation via attenuation of angiogenesis

12:30 -12:40 **Prateek Kumar Jain (India)**
Antioxidant and free radical scavenging potential of traditionally used three Indian medicinal plants

12:40 -12:50 **Inas Almazari (Korea)**
Anti-inflammatory and Anti-oxidative Effects of Guggulsterone in Human Mammary Epithelial Cells

12:50 -2:00 **LUNCH & CLOSING CEREMONY**

