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Scientific Program

International Conference on

LIPID SCIENCE & TECHNOLOGY

November 30 - December 02, 2015 San Francisco, USA



OMICS International Conferences:
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Day 1 November 30, 2015

09:30-10:00 **Registrations**

Sausalito

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10:00-10:30 **Opening Ceremony**

Keynote Forum	
10:30-11:00	**Title: Lipid replacement therapy for enhancing mitochondrial function and improving chronic disease symptoms and aging** **Prof. Garth L Nicolson,** The Institute for Molecular Medicine, USA
11:00-11:30	**Title: Fatty acid-based membrane lipidomics: new insights for biomarker discovery** **Chryssostomos Chatgilialoglu,** N.C.S.R "Demokritos", Greece
Coffee Break: 11:30-11:50 @ Foyer	
Sessions: Lipidomics - What's next? Fats - Cardio metabolic risks Lipids in Signalling and Intra Cellular Trafficking	
Session Chair: Srdjan Djurovic, Oslo University Hospital, Norway **Session Co-chair: Kuo-Liong Chien,** National Taiwan University, Taiwan	
Session Introduction	
11:50-12:15	**Title: Membrane lipidomics for personalized health**
	Carla Ferreri, Consiglio Nazionale delle Ricerche, Italy
12:15-12:40	**Title: Improved detection of common variants associated with schizophrenia by leveraging pleiotropy with cardiovascular disease risk factors/lipids**
	Srdjan Djurovic, Oslo University Hospital, Norway
12:40-13:05	**Title: Lipid profile in Egyptian patients with coronary artery disease, role of age, gender and hypertension**
	Ahmed Ibrahim, Cleveland Clinic Foundation, USA
Group Photo	
Lunch Break: 13:05-14:05 @ Redwood & Sequoia	
14:05-14:30	**Title: Fatty acids as novel biomarkers for cardiovascular health**
	Kuo-Liong Chien, National Taiwan University, Taiwan
14:30-14:55	**Title: The journey towards improved bioactive lipid analysis**
	Malin L Nording, Umeå University, Sweden
14:55-15:20	**Title: Eicosapentaenoic acid has improved the impaired insulin-signaling pathway of the cardiac muscle of infants**
	Akio Nakamura, Gunma University, Japan

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15:20-15:45	**Title: Ezetimibe - a new insight for anti-hyperlipidemic therapy. Lessons from a case Report Ezetimibe completely replaced LDL-apheresis for the treatment of familial hypercholesterolemia and coronary artery disease after CABG**
	Ikuo Yokoyama, International University of Health and Welfare, Japan
15:45-16:05	**Title: Novel revelations in familial hypercholesterolemia and physiological anticoagulant lipids**
	Yajnavalka Banerjee, SQ University, Oman
Panel Discussion	
Coffee Break: 16:05-16:25 @ Foyer	

Day 2 December 01, 2015	
Sausalito	
Keynote Forum	
10:00-10:30	**Title: Targeting cholesterol synthesis increases chemoimmuno-sensitivity in lymphoid malignancies** **Carl E Freter,** Saint Louis University, USA
10:30-11:00	**Title: Apolipoprotein E mimetic: From theory to therapy** **G M Anantharamaiah,** UAB School of Medicine, USA
Coffee Break: 11:00-11:20 @ Foyer	
Sessions: Lipids in molecular medicine Lipid and Lipoprotein Metabolism	
Session Chair: Gerd Schmitz, University of Regensburg, Germany **Session Co-chair: Ikuo Yokoyama,** International University of Health and Welfare, Japan	
Session Introduction	
11:20-11:45	**Title: Addition of high-density lipoprotein3 and Apo A-I antagonize the platelet storage lesion and the release of platelet extracellular vesicles**
	Gerd Schmitz, University of Regensburg, Germany
11:45-12:10	**Title: Lipogenesis in HER2/neu positive breast cancer cells.**
	Douglas S Conklin, State University of New York, USA
12:10-12:35	**Title: The lipolysis stimulated lipoprotein receptor, LSR, as molecular link explaining the link between dyslipidemia, obesity and neurodegenerative diseases**
	Frances T Yen, University of Lorraine, France
12:35-13:00	**Title: Inhibition of cholesterol synthesis increases secretion of apolipoprotein E (apoE) from human astrocytoma and liver hepatocyte cells**
	Nilay V Patel, California State University, Fullerton, USA
Lunch Break: 13:00-14:00 @ Redwood & Sequoia	
14:00-14:25	**Title: Green tea extract supplement enhances insulin sensitivity via regulation of plasma adipokine levels and transcriptional response in diet-induced obesity mice**
	Myung-Sook Choi, Kyungpook National University, Korea
14:25-14:50	**Title: Proteomic analyses reveal distinct roles for L DOPA and Edaravone in protection of neurons against oxidative stress in**
	Mohammad-Saeid Jami, Shahrekord University of Medical Sciences, Iran

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14:50-15:15	**Title: Oncogene-induced senescence modify lipid composition of exosomes released from H-RasV12 expressing cells**
	Sandra Buratta, University of Perugia, Italy
Panel Discussion	
Poster Presentations @ 15:15-16:30	
ILP101	**Title: Elucidating molecular interaction between model cell membranes and ion channels**
	Tae-Joon Jeon, Inha University, Korea
ILP102	**Title: Eicosapentaenoic acid supplementation during pregnancy improved the insulin signalling pathway in the cardiac muscles of infants of diabetic mothers**
	Ritsuko Kawaharada, Takasaki University of Health and Welfare, Japan
ILP103	**Title: Effects of trans-18:1 fractions isolated from beef fat from cattle fed a conventional barley grain-based diet or a flaxseed supplemented grass hay-based diet on transcriptional networks in HepG2 cells**
	Payam Vahmani, Agriculture and Agri-Food Canada, Canada
ILP104	**Title: Effect of different physical activity training on metabolic markers, vascular and cardiac function in rats fed with high-fat high-carbohydrate diet**
	Romeo Batacan Jr., Central Queensland University, Australia
ILP105	**Title: Changes of serum phospholipid fractions during a body weight reduction program (BWRP) in obese ponies**
	Ratchada Auyyuenyong, University of Potsdam, Germany
ILP106	**Title: Metabolic markers of inflammation, oxidative stress, lipid profile and procollagen type 1 content of spontaneously hypertensive rats fed a high-fat-high-carbohydrate diet.**
	Kylie Connolly, Central Queensland University, Australia
ILP107	**Title: PPARs and their role in diabetic dyslipidaemia**
	Manish Khanolkar, Auckland Diabetes Centre, New Zealand
ILP108	**Title: Effects of exposure to biodiesel exhaust on human plasma lipid profiles detected by GC-TOFMS metabolomics**
	Masoumeh Karimpour, Umeå University, Sweden
ILP109	**Title: Purification and function of EPA and DHA in Tuna fish oil**
	Su Xiurong, Ningbo University, China
ILP110	**Title: Research of fat melting characteristics ofphysical blend andstructure lipids by coconut oil and palm stearic oil**
	Guo-qin Liu, South China University of Technology, China
ILP111	**Title: Quantification of oxysterols by liquid chromatography high-resolution tandem mass spectrometry**
	Zoltan Pataj, University Hospital Regensburg, Germany
ILP112	**Title: Ether-lipid membrane engineering of Escherichia coli**
	Antonella Caforio, University of Groningen, The Netherlands
ILP113	**Title: Preparation, characterization and stability studies of phytosterol containing nanoliposomes**
	Shiva Emami, University of California Davis, USA

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ILP114	**Title: Formation of Nε-carboxymethyllysine in lipid-rich food during maillard reaction**
	Bing Li, South China University of Technology, China
ILP115	**Title: The relationship between hardness and solid fat content of palm oil-based shortening during storage**
	Xiaoxi Li, South China University of Technology, China
ILP116	**Title: Relationship between energetic nutritional status and HUFA content in breast milk from Baja California State, México**
	Alessandra Casanova, Centro de Investigaciones Biológicas del Noroeste, Mexico
	Coffee Break: 16:30-16:50 @ Foyer

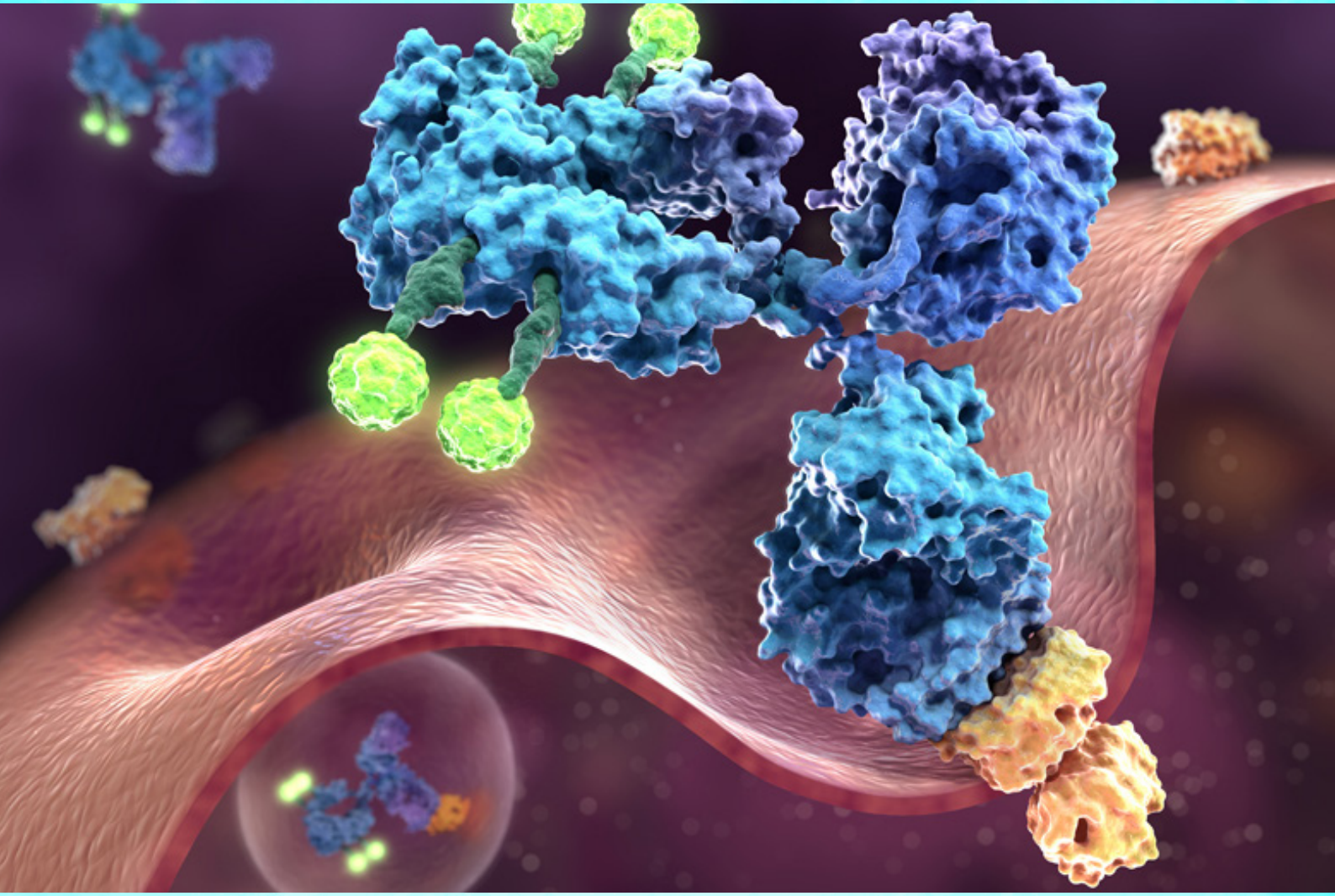
Day 3 December 02, 2015	
Sausalito	
Keynote Forum	
09:30-10:00	**Title: Techno-economic assessment of microbial lipids based on volatile fatty acids substrate by oleaginous Cryptococcus curvature** **Ho Nam Chang,** KAIST, Korea
Sessions: Obesity and Health Plant, Microbial lipids and Essential Oils Lipids and Bioenergy Protein-Lipid and Lipid-Lipid Interactions	
Session Chair: Ho Nam Chang, KAIST, Korea **Session Co-chair: Emmanuel Mukwevho,** North West University, South Africa	
	Session Introduction
10:00-10:25	**Title: Comparision of the lipid content and the fumonisins concentration in maize genetic diversity**
	Peña Betancourt Silvia Denise, Universidad Autonoma Metropolitana, Unidad Xochimilco, México
10:25-10:50	**Title: Exercise-induced Calmodulin dependent protein kinase (CaMK)II activation regulates saturated and unsaturated fatty acids in rat skeletal muscle**
	Emmanuel Mukwevho, North West University, South Africa
	Coffee Break: 10:50-11:10 @ Foyer
11:10-11:35	**Title: Regulation of hypothalamic neuronal function in obesity**
	Allison W Xu, University of California, San Francisco
11:35-12:00	**Title: Characterization of the newly developed in vitro chylomicron assay and its potential applications**
	Andromeda Nauli, California Northstate University, USA
12:00-12:25	**Title: Effects of gibberellin on oil accumulation, fatty acid compositions and expression of fatty acid biosynthetic genes in Chlorella vulgaris (Trebouxiophyceae)**
	Malinna Jusoh, Universiti Malaysia Terengganu, Malaysia
12:25-12:50	**Title: Application of face centered central composite design in optimization of subcritical water mediated extraction of lipid from activated sludge**
	Ifeanyichukwu Edeh, University of Birmingham, UK

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Panel Discussion

Closing Ceremony

Lunch Break: 12:50-13:50 @ Redwood & Sequoia



Bookmark your dates

2nd International Conference on

Lipid Science & Technology

October 06-08, 2016 Miami, USA

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