Tentative Program

3rd International Conference on

Lipid Science & Technology

December 11-12, 2017 Rome, Italy



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops | Exhibitors | B2B Meetings

For available speaker slots

lipids@biochemconferences.org

3rd International Conference on Lipid Science & Technology

December 11-12, 2017 Rome, Italy

December 11-12, 2017 Rome, Italy

Program at A Glance

Day 1

	Reception/Registration	08.00-09.00	
Morning Sessions	List of 3 Keynote/Plenary	Time	General Session
		09.00-09.15	Inaugural Address
		09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
		11.00-12.40	Oral Presentations
	Lunch Break 12.40-13.30		
Evening Sessions		13.30-15.30	Oral Presentations
	Coffee/Tea Break 15.30-15.45 (Networking)		
		15.45-17.25	Workshop

Day 2

Morning Sessions	Time	Session 1
	09.00-10.40	Oral Presentations
	Coffee/Tea Break 10.40-10.55 (Networking)	
	10.55-12.35	Oral Presentations
	Lunch Break 12.35-13.25	
Evening Sessions	13.25-15.05	Oral Presentations
	Coffee/Tea Break 15.05-15.20 (Networking)	
	15.20-17.00	Oral Presentations

NOTE: Program Schedule is subject to change with final allotment of the speaker slots

Conference Highlights

- Lipids in Molecular Medicine
- Lipid and Lipoprotein Metabolism
- Protein-Lipid and Lipid-Lipid Interactions
- Obesity and Health
- Lipids in Signaling and Intracellular Trafficking
- Lipids and Bioenergy
- Fats - Cardio metabolic risks
- Lipids: Nutrition and Health
- Techniques Involved in Lipid Research
- Structural Diversity of Lipids
- Plant, Microbial lipids, Essential Oils
- Lipids in Plant Research
- Lipidomics - What's next?



Glimpses of Lipids 2016













Glimpses of Lipids 2016













TOURIST DESTINATIONS IN Rome, Italy



Baths of Caracalla



Foro di Traiano (Forum of Trajan)



Palatine Hill



Piazza Navona



Roman Forum

Conference Venue

Holiday Inn Rome Aurelia
Via Aurelia Km 8,400
00165 Rome, Italy



Contact us
America: Conference Series LLC
Lipids 2017
2360 Corporate Circle., Suite 400 Henderson,
NV 89074-7722, USA
Phone: +1-888-843-8169, Fax: +1-650-618-1417,
Toll free: +1-800-216-6499
Email: lipids@biochemconferences.org

Contact us
Asia-Pacific: Conference Series
Lipids 2017
Divyasree Building, Raidurg
6th Floor, North Block
Hyderabad 500032, INDIA
Tel: 040-33432334
Email: lipids@biochemconferences.org

Contact us
UK: Conference Series Limited
Lipids 2017
Heathrow Stockley Park Lakeside House
1 Furzeground Way
Heathrow, UB11 1BD, UK
Tel: +1-800-216-6499
Email: lipids@biochemconferences.org

2nd International Conference and Expo on

LIPIDS: METABOLISM NUTRITION & HEALTH

October 03-05, 2016 Orlando, USA



Hosting Organizations

Conference Series LLC

2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA

Ph: +1-702-508-5200 Ext: 8074, Fax: +1-650-618-1417
Toll free: +1-800-216-6499

Conference Series Ltd

Heathrow Stockley Park Lakeside House
1 Furzeground Way, Heathrow,
UB11 1BD, UK, Tel: +1-800-216-6499

Day 1 October 03, 2016

Registrations

Salon 5 & 6

conferenceseries.com

Opening Ceremony

Keynote Forum

Introduction

Title: What does dietary fat really mean for human health?

T Colin Campbell, Cornell University, USA

Group photo

Network and Refreshments Break

Title: The role of lipid metabolism in drug-resistance leukemia cells

Carl Freter, Saint Louis University, USA

Track 1: Lipid and Lipoprotein Metabolism
Track 2: Lipids in Atherosclerosis
Track 3: Lipidomics - What's next?

Session Chair: Carl Freter, Saint Louis University, USA
Session Co-Chair: Mesut Bilgin, Danish Cancer Society Research Center (DCRC), Denmark

Session Introduction

Title:Targeting cholesterol synthesis increases chemoimmuno-sensitivity in chronic lymphocytic leukemia cells
Chunfa Huang, Saint Louis University, USA

Title: Anti-aging genes regulate postprandial lipid metabolism with relevance to appetite, chronic disease and neurodegeneration
Ian James Martins, Edith Cowan University, Australia

Lunch Break

Title: Quantitative shotgun lipidomics: Tracks, tricks and challenges
Mesut Bilgin, Danish Cancer Society Research Center (DCRC), Denmark

Title: The role of membrane phospholipids in development of male-specific cardiac hypertrophy and hypertension
Marica Bakovic, University of Guelph, Canada

Title: Significance of lipid peroxidation-cationic protein interactions in atherosclerosis in attenuation of inflammatory response
Sampath Parthasarathy, University of Central Florida, USA

Title: Calmodulin dependent protein kinase (CaMK)II activation by exercise regulates lipid metabolism in rat skeletal muscle
Sandile Fuku, North-West University, South Africa

Network and Refreshments Break

Workshop on "Lipid loading and unloading by cells"

Title: Lipid efflux from liver
Shadab A Siddiqi, University of Central Florida, USA

Title: The role of visceral fat on insulin sensitivity and glucose metabolism in long-living mice
Michal Masternak, University of Central Florida, USA

Title: Novel ways of lipid loading cells to study macrophage functions
Sampath Parthasarathy, University of Central Florida, USA

Panel Discussions

Day 2 October 04, 2016

Salon 5 & 6

Keynote Forum

Title: Brown fat and metabolic syndrome

M Raj Lakshman, George Washington University, USA

Title: Statins in the treatment and prevention of cardiovascular diseases: Current and emerging clinical and public health challenges

Charles H Hennekens, Charles E Schmidt College of Medicine, USA

Network and Refreshments Break

Track 4: Fats - Cardio Metabolic Risks
Track 5: Lipid and Lipoprotein Metabolism

Session Introduction

Title: Synergy between ASH and NASH
M Raj Lakshman, George Washington University, USA
Title: Implementation of Lipid Association of India (LAI) expert consensus statement on management of dyslipidaemia will be an investment for prevention of CVD in India
Raman Puri, Lipid Association of India, India

Special Session on "Phospholipid and sphingolipid signaling: Challenges for the development of novel medicinal agents"

Session Chair: George Kokotos, University of Athens, Greece
Session Co-Chair: Sasanka Ramanadham, University of Alabama at Birmingham, USA

Session Introduction

Title: Phospholipase A_2 substrate and inhibitor specificity revealed at the molecular level
Edward A. Dennis, University of California at San Diego, USA
Title: Targeting the Phospholipase A_2 – Autotaxin Axis: A challenge to develop novel agents for the treatment of inflammatory and autoimmune diseases
George Kokotos, University of Athens, Greece

Lunch Break

Title: Cytosolic Phospholipase A_2, a powerful regulator of inflammation and a potent candidate for therapeutic intervention in chronic disease
Berit Johansen, Norwegian University of Science and Technology, Norway
Title: Importance of Ca^{2+} - Independent phosphoplipase A_2b - Derived lipids to Type 1 diabetes development
Sasanka Ramanadham, University of Alabama at Birmingham, USA
Title: Sphingosine-1-Phosphate signaling regulates key metabolic outcomes of obesity
L. Ashley Cowart, Medical University of South Carolina, USA
Title: Cytosolic phospholipase A_2a: A tale of two functions
Charles E. Chalfant, Virginia Commonwealth University, USA

Network and Refreshments Break

Title: Synthetic methods to 2-hydroxy fatty acids and lipolytic enzyme inhibitors
Christoforos G. Kokotos, University of Athens, Greece
Title: Novel roles of iPL$A_2\alpha$ in hepatic lipid metabolism
Suzanne E. Barbour, University of Georgia Graduate School, USA

Poster Presentations:

Panel Discussions

Day 3 October 05, 2016

Salon 5 & 6

Track 6: Plant, Microbial lipids and Essential Oils
Track 7: Lipid and Lipoprotein Metabolism

Session Chair: H L Nadaf, University of Agricultural Sciences, India

Session Introduction

Title: Novel mutations in FAD2B gene identified from new high oleic mutants in groundnut (*Arachis hypogaea L.*)
H L Nadaf, University of Agricultural Sciences, India
Title: Influence of calmodulin dependent protein kinase (CaMK)II on lipid droplets in rat skeletal muscle and its relevance to mitochondria function
Ademola Ayeleso, North-West University, South Africa

Network and Refreshments Break

Young Researchers Forum

Title: Ketoacylsynthase domains of a PUFA synthase in *Thraustochytrium* can function as standalone enzymes in *Escherichia coli*

Xi Xie, University of Saskatchewan, Canada

Title: Impact of calcium-independent phospholipase A_2 Beta ($iPLA_2\beta$) on differentiation and activity of calvarial bone-derived osteoblasts

William Hancock, University of Alabama at Birmingham, USA

Title: Effects of *Prunus armeniaca* fruit on oxidative stress in fructose induced hyperuricemic rats

Cherryhan Salvedia Ebrahim Ahmed, Misr International University, Egypt

Panel Discussions

Lunch Break



Bookmark your dates

3rd International Conference on

Lipid Science & Technology

December 11-12, 2017 Rome, Italy

e-mail: lipids@biochemistryconferences.com

Website: lipids.conferenceseries.com

Conference Series LLC
2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
america@conferenceseries.com

Conference Series Ltd.
Traian Str., No.61, Constanta 900720,
Romania, Tel: 0805-080048
Heathrow Stockley Park Lakeside
House, 1 Furzeground Way, Heathrow,
UB11 1BD, United Kingdom
europe@conferenceseries.com

6th Floor, North Block, Divyasree
Building, Raidurg Hyderabad,
Telangana, INDIA-500032
Tel: +91-40-33432300
asiapacific@conferenceseries.com

Toll free
USA & Canada: +1-800-216-6499
Australia: +1-800-651-097
Europe: 0805-080048

OMICS International
conferenceseries.com

Scientific Program

International Conference on

LIPID SCIENCE & TECHNOLOGY

November 30 - December 02, 2015 San Francisco, USA



OMICS International Conferences:
2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA
Phone: +1-888-843-8169, Fax: +1-650-618-1417, Toll free: +1-800-216-6499
Toll free: +1-800-216-6499
Email: lipid@conferenceseries.com

Day 1 November 30, 2015

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

Sausalito

OMICS International conferenceseries.com

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

Lipids-2015

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

Lipids 2015

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

Liplas-2015

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

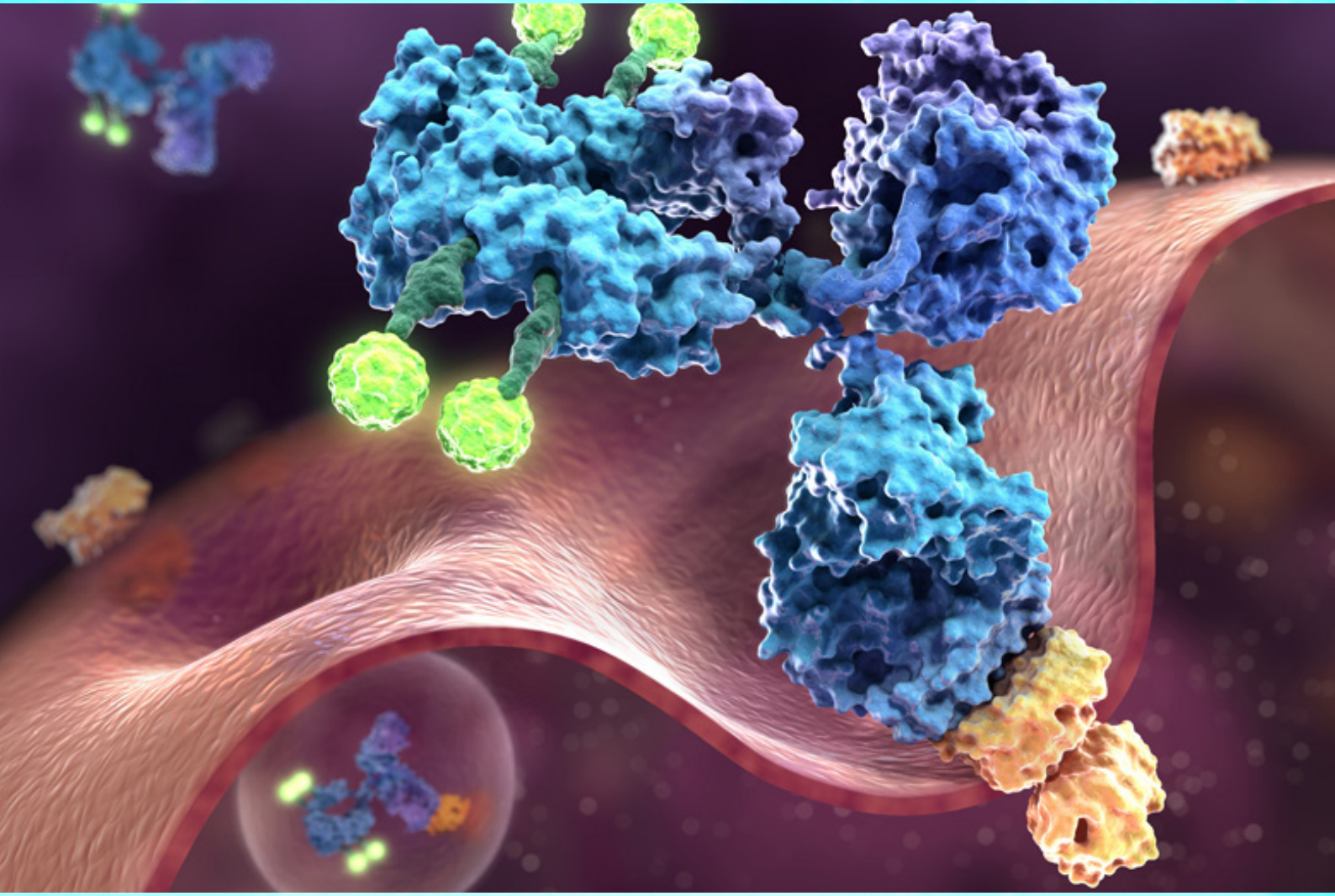
Day 3 December 02, 2015	
Sausalito	
Keynote Forum	
09:30-10:00	**Title: Techno-economic assessment of microbial lipids based on volatile fatty acids substrate by oleaginous Cryptococcus curvature** **Ho Nam Chang,** KAIST, Korea
Sessions: Obesity and Health Plant, Microbial lipids and Essential Oils 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

Lipids-2015

Panel Discussion

Closing Ceremony

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



Bookmark your dates

2nd International Conference on

Lipid Science & Technology

October 03-05, 2016 Orlando, USA

Website: http://lipids.conferenceseries.com/

OMICS Group Inc.
2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
contact@omicsgroup.com

OMICS Publishing Group
5716 Corsa Ave., Suite 110, Westlake
Los Angeles, CA 91362-7354, USA
Ph: +1-650-268-9744
Fax: +1-650-618-1414
contact.americas@omicsonline.org

OMICS Group
SEZ Unit, Building No. 20, 9th Floor
APIIC Layout, HITEC City
Hyderabad-500081, Telangana, INDIA
Ph: 040-40131823, 040-47482222
contact.asiapacific@omicsonline.org

Toll free
USA & Canada: +1-800-216-6499
Australia: +1-800-651-097
Europe: 0805-080048

Lipids-2015