

3rd International Conference on

Lipid Science and Technology

December 11-12, 2017 | Rome, Italy



Conference Series -America

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Conference Series -UK

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conference**series**.com 09:30-10:00

Opening Ceremony

Keynote Forum

Introduction

10:00-10:45 **Title: Some novel modulators of obesity and atherogenic factors**
M Raj Lakshman, VA Medical Center, USA

Group photo

Networking and Refreshments Break 10:45-11:05 @ Foyer

Sessions: Lipids in Molecular Medicine | Lipid and Lipoprotein Metabolism | Protein-Lipid and Lipid-Lipid Interactions | Techniques Involved in Lipid Research | Lipidomics - What's next?

Session Chair: M Raj Lakshman, VA Medical Center, USA

Session Introduction

11:05-11:35 **Title: FXR activation by obeticholic acid induces hepatic SR-BI gene expression through a novel mechanism of transcriptional synergy with the nuclear receptor LXR**

Jingwen Liu, Veterans Affairs Palo Alto Health Care System, USA

11:35-12:05 **Title: Ablation of the ceramide-1-phosphate interaction with group IVA cytosolic phospholipase A₂ induces enhanced wound regenerations**

Charles Chalfant, Virginia Commonwealth University, USA

12:05-12:35 **Title: Quantitative analysis of fatty acid metabolism by confocal spectral imaging of intracellular polarity**

Giuseppe Maulucci, Università Cattolica del Sacro Cuore, Italy

12:35-13:05 **Title: Fatty acid-based membrane lipidomics: Connections with metabolic and nutritional issue**
Chrysostomos Chatgililoglu, Consiglio Nazionale delle Ricerche, Italy

Lunch Break 13:05-14:05 @ Hotel Restaurants

14:05-14:35 **Title: Development and use of advanced mass spectrometry techniques for the characterization of cellular lipidome profile of fibroblasts in early on-set Parkinson's disease patients**

Calvano Cosima Damiana, Università di Bari, Italy

14:35-15:05 **Title: Novel optical real-time imaging tools reveal large effects of gut microbiota on lipid uptake in live animals**

Elena A Goun, École Polytechnique Fédérale de Lausanne, Switzerland

15:05-15:35 **Title: Mechanism of phospholipase A₂ G6A activity and regulation revealed by the novel crystal structure**

Sergey Korolev, Saint Louis University School of Medicine, USA

Panel Discussion

Networking and Refreshments Break 15:35-16:00 @ Foyer

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Sessions: Fats - Cardio metabolic risks | Lipids: Nutrition and Health | Lipids in Atherosclerosis

Session Chair: Chrysostomos Chatgililoglu, Consiglio Nazionale delle Ricerche, Italy

Session Introduction

10:00-10:30 **Title: Lipid droplets in human atherosclerosis: Anatomy and pathophysiological relevance of multifunctional organelles**

Ida Perrotta, University of Calabria, Italy

Networking and Refreshments Break 10:30-10:50 @ Foyer

- 10:50-11:20** Title: **Why, when, and how to shake off bad reputation from wax esters**
Guido Galliani, Gleaner srls, Italy
- 11:20-11:50** Title: **Plasmatic ceramides profile in adolescents and its association with hepatic steatosis independently of obesity**
Jorge Maldonado-Hernández, IMSS, Mexico
- 11:50-12:20** Title: **Pharmacological enhancement of cholesterol metabolism and turnover in the brain as a therapeutic strategy for Alzheimer's disease**
Irina A Pikuleva, Case Western Reserve University, USA
- 12:20-12:50** Title: **Genetic association studies of dyslipidemia and their implications**
Suzanne A Al-Bustan, Kuwait University, Kuwait

Lunch Break 12:50-13:50 @ Hotel Restaurants

- 13:50-14:20** Title: **Conjugated linoleic acid induces TGF β signalling regulate macrophage fate**
Kawthar Alghamdi, UCD Conway Institute - University College Dublin, Ireland

Poster Presentations 14:20-15:20 @ Foyer

Poster Judge: Jorge Maldonado-Hernández, IMSS, Mexico

- LST-01** Title: **Improvement in sustainable production of valuable lipids by lipid-accumulating yeast**
Kimura Kazuyoshi, Bioproduction Research Institute - AIST, Japan
- LST-02** Title: **Design, characterization and *in vitro* and *in vivo* evaluation of chloroquine phosphate loaded nanostructured lipid carriers**
Uday Krishna Baruah, JSS College of Pharmacy, India
- LST-03** Title: **Haemozoin formation in the malaria parasite: A lipidomic perspective**
Roxanne Mohunlal, University of Cape Town, South Africa
- LST-04** Title: **A holistic approach in health and disease by membrane lipidomics of mature erythrocytes**
Maria Louka, Lipinutragen Srl, Italy
- LST-05** Title: **Scavenging reactive aldehydes protects blood proteins and lipids against peroxynitrite mediated oxidative damage**
Ayman G Mustafa, Qatar University, Qatar

Panel Discussion

Awards & Closing Ceremony

Networking and Refreshments Break 15:20-15:45 @ Foyer

Bookmark your dates

4th International Conference on

Lipid Science and Technology

July 23-24, 2018 | Birmingham, UK

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