Tentative Program

4th International Conference on

Lipid Science and Technology

July 23-24, 2018 Birmingham, UK



Interactive Sessions

Keynote Lectures

Plenary Lectures

Workshops

Exhibitors

B2B Meetings

For available speaker slots

4th International Conference onLipid Science and Technology
July 23-24, 2018 Birmingham, UK

PROGRAM AT A GLANCE

Day 1

Morning Sessions	Reception/Reg	08.00-09.00	
		Time	General Session
			Inaugural Address
	Key note Talks		Keynote Talk 1
			***Keynote Slot Available**
			***Keynote Slot Available**
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
	11.00-12.40	Session Tracks	
			Oral Presentaion
	Lunch Break 12.40-13.30		
Afternoon Session	13.30-15.30	Session Tracks	
		Oral Presenation	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	Workshop	

Day 1 Concludes

Day 2

Morning Sessions		Time	Session 1
	09.00-10.40		Oral Presentation
			5 more Speaker Slots are Available
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35		Oral Presentation
			5 more Speaker Slots Available
Afternoon Sessic	Lunch Break 12.35-13.25		
	13.25-15.05	Oral Presentation	
	Poster Sessions		
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	Oral Presentation	

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

Conference Highlights

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

For detailed sessions, please visit: https://lipids.conferenceseries.com/

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Old Coventry Cathedral



Thinktank-Birmingham-Science-Museum

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1526th Conference

Scientific Program

3rd International Conference on

Lipid Science and Technology

December 11-12, 2017 | Rome, Italy



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Day 1 December 11, 2017

Registrations

Olimpica 3

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Opening Ceremony

Keynote Forum

Introduction

Title: Some novel modulators of obesity and atherogenic factors

M Raj Lakshman, VA Medical Center, USA

Group photo

Networking and Refreshments Break

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

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

Title: Ablation of the ceramide-1-phosphate interaction with group IVA cytosolic phospholipase A_2 induces enhanced wound regenerations

Charles Chalfant, Virginia Commonwealth University, USA

Title: Quantitative analysis of fatty acid metabolism by confocal spectral imaging of intracellular polarity

Giuseppe Maulucci, Università Cattolica del Sacro Cuore, Italy

Title: Fatty acid-based membrane lipidomics: Connections with metabolic and nutritional issue

Chryssostomos Chatgilialoglu, Consiglio Nazionale delle Ricerche, Italy

Lunch Break

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

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

Title: Mechanism of phospholipase A_2 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

Day 2 December 12, 2017

Olimpica 3

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

Session Chair: Chryssostomos Chatgilialoglu, Consiglio Nazionale delle Ricerche, Italy

Session Introduction

Title: Lipid droplets in human atherosclerosis: Anatomy and pathophysiological relevance of multifunctional organelles

Ida Perrotta, University of Calabria, Italy

Networking and Refreshments Break

Title: Why, when, and how to shake off bad reputation from wax esters
Guido Galliani, Gleaner srls, Italy
Title: Plasmatic ceramides profile in adolescents and its association with hepatic steatosis independently of obesity
Jorge Maldonado-Hernández, IMSS, Mexico
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
Title: Genetic association studies of dyslipidemia and their implications
Suzanne A Al-Bustan, Kuwait University, Kuwait

Lunch Break

Title: Conjugated linoleic acid induces TGFβ 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

Title: Improvement in sustainable production of valuable lipids by lipid-accumulating yeast
Kimura Kazuyoshi, Bioproduction Research Institute - AIST, Japan
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
Title: Haemozoin formation in the malaria parasite: A lipidomic perspective
Roxanne Mohunlal, University of Cape Town, South Africa
Title: A holistic approach in health and disease by membrane lipidomics of mature erythrocytes
Maria Louka, Lipinutragen Srl, Italy
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

Bookmark your dates

4th International Conference on

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E-mail: lipids@biochemconferences.org; lipids@conferenceseries.net

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2nd International Conference and Expo on

LIPIDS: METABOLISM NUTRITION & HEALTH

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Registrations

Salon 5 & 6

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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

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 iPLA$_2\alpha$ in hepatic lipid metabolism
Suzanne E. Barbour, University of Georgia Graduate School, USA

Poster Presentations: 17:00-18:00

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

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