

Novel lipids and their implications to health

Session Description

The panel views on novel lipids especially those developed for inventing new lipid emulsions. Their beneficial impacts implicating to health and diseases will be discussed.

Purpose

1. Introducing novel lipids in the field of clinical nutrition
2. Demonstrating impacts of those novel lipids on health and diseases
3. Discussing opinions and debates on individual proposed presentation

Outcomes – knowledge and action points

Knowledge on novel lipids utilized either orally, enterally or parenterally and their implications to health and diseases

Session chair/moderator:

Yvon A. Carpentier, M.D., L. Deloyers Laboratory for Experimental Surgery, Hôpital Marasme, Université Libre de Bruxelles, Brussels, Belgium

Session Topics and Speakers:

Topic 1 : *Tissue delivery of n-3 fatty acids: route of administration, mixture with other fats, new molecules*

Speaker: Yvon A. Carpentier, M.D., L. Deloyers Laboratory for Experimental Surgery, Hôpital Marasme, Université Libre de Bruxelles, Brussels, Belgium

Topic 2: *Which triglycerides - LCTs, MCTs, n-3s, or...?: Implications in health and disease*

Speaker: Richard J. Deckelbaum, M.D. Institute of Human Nutrition, College of Physicians and Surgeons, Columbia University, New York, USA

Topic 3: *Marine Fish-Derived Lecithins and Their Advantage on Alleviation of n-6 to n-3 Polyunsaturated Fatty Acids Ratio in Various Membranes Affected by Long Exposure to n-6 Rich Diet*

Speaker: Winai Dahlan, Ph.D., The Lipid and Fat Sciences Research Center, Faculty of Allied Health Sciences, Chulalongkorn University, Bangkok, Thailand