

## Special Issue

# Lipid Metabolism in Pregnancy and Its Consequences in the Fetus and Newborn

### Message from the Guest Editor

Lipids constitute a range of species and understanding the biological functions of each one is still in its infancy. It is widely accepted that lipids play a significant role in fetal growth and development during pregnancy, not only as a source of energy but also as essential building blocks for tissue growth and as critical signaling agents in maternal-placental-fetal cross talk. Complex changes occur in maternal lipid metabolism during pregnancy to fulfill both maternal requirements for regulating lipid stores and energy reserves and fetoplacental requirements for lipid substrates.

While much evidence suggests the major involvement of maternal lipid intake and metabolism when influencing offspring health both in the short and long term, its precise mechanisms remain to be elucidated. With greater understanding, the potential for the innovative utilization of lipid interventions needs to be expanded. This Special Issue provides a platform for researchers to discuss this topic with the aim of promoting development in this field. We welcome original articles, narratives and systematic reviews.

### Guest Editor

Dr. Shiao-Yng Chan

1. Department of Obstetrics & Gynaecology and Human Potential Translational Research Programme, Yong Loo Lin School of Medicine, National University of Singapore and National University Health System, Singapore 119228, Singapore

2. Singapore Institute for Clinical Sciences, Agency for Science, Technology and Research, Singapore 117609, Singapore

### Deadline for manuscript submissions

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*Nutrients*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[nutrients@mdpi.com](mailto:nutrients@mdpi.com)

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*Nutrients* is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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Prof. Dr. Lluís Serra-Majem

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (UIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

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