



## Early Life Nutrition and the Development of Offspring Metabolic Health

Guest Editor:

**Dr. Deanne H. Hryciw**

School of Environment and  
Sciences, Griffith University,  
Nathan, QLD 4111, Australia

Deadline for manuscript  
submissions:

**closed (31 July 2021)**

### Message from the Guest Editor

Dear Colleagues,

Perturbations in maternal nutrition in pregnancy and during early life can have lifelong consequences on the metabolic health of the offspring. The aim of this Special Issue is to characterize the cellular, organ, and whole-organism mechanisms by which poor pregnancy and early life nutrition influence metabolic health and development in offspring. A particular interest of this Special Issue is the sex-specific differences in offspring metabolic outcomes. A secondary aim is to highlight interventions that may restore metabolic health following a period of poor nutrition in early life.

The Special issue welcomes various studies related to early life nutrition and metabolism of newborns and pregnant women.

Dr. Deanne H. Hryciw

*Guest Editor*





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Maurizio Battino

Department of  
Odontostomatologic and  
Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of  
Medicine, Università Politecnica  
delle Marche, Via Ranieri 65,  
60100 Ancona, Italy

## Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

## Contact Us

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/ijms  
ijms@mdpi.com  
X@IJMS\_MDPI