

## Special Issue

# Recent Advances in the Role of Immunity and Inflammation in Pregnancy and Parturition

### Message from the Guest Editors

Maternal and foetal immune tolerance is a requisite for a successful pregnancy. The eventual outcome of pregnancy is mostly dependent on the maternal tolerance of the 'foreign' antigens on foetal tissues.

Human parturition (labour) is akin to an inflammatory response mediated by chemocytokines produced by infiltrating and resident immunocompetent cells into gestational tissues at the foetomaternal interface, cervix and foetus. Both innate and adaptive immune cells facilitate the physiological and sometimes pathological activation of the pathway to parturition.

This Special Issue provides a broad medium to disseminate new ideas and information on the roles of immune mediators and inflammation in labour at term or preterm. It welcomes submissions reporting factors and mechanisms that maintain or disrupt immune homeostasis during pregnancy. The anticipated article types include, but are not limited to, original research, systematic and narrative reviews.

### Guest Editors

Dr. Emmanuel Amabebe

Department of Oncology & Metabolism, Faculty of Medicine, Dentistry & Health, University of Sheffield, Sheffield, UK

Dr. Nadia Ikumi

Department of Obstetrics and Gynaecology, University of Cape Town, Cape Town, South Africa

### Deadline for manuscript submissions

closed (31 December 2022)



## Life

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.4**  
**CiteScore 6.0**  
**Indexed in PubMed**



[mdpi.com/si/103375](https://mdpi.com/si/103375)

*Life*

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

[mdpi.com/journal/](https://mdpi.com/journal/)

[life](https://mdpi.com/journal/life)





# Life

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/journal/  
life](https://mdpi.com/journal/life)



## About the Journal

### Message from the Editor-in-Chief

*Life* (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

---

### Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona  
Institute of Science and Technology, 08028 Barcelona, Spain

---

### 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, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)