

Special Issue

Personalized Maternal-Fetal-Neonatal Infections: Overall Management

Message from the Guest Editors

Fetal and neonatal infections due to various microorganisms show signs and symptoms in pregnancy and in the neonatal period. During pregnancy, infections may affect the mother and the baby, and clinical manifestations may vary. Fetal infections may induce the fetal inflammatory response syndrome (FIRS) or may lead to intrauterine fetal death (IUFD). In the former, placental examination is paramount in identifying the fetal inflammatory response (FIR), and even providing the etiologic agent, through targeted microbiological cultures, helping the neonatal management. In the latter, fetal autopsy and placental examination, according to international guidelines, may also detect the infective agent and provide useful information for maternal clinical management. Early-onset neonatal sepsis is within the range of FIRS and signs and symptoms may vary, requiring prompt treatments. The different spectrum of infections during pregnancy and how they can affect the mother, the fetus and the newborn will be addressed in this Special Issue. Placental examination, and in some cases, autopsies, are fundamental in the clinical management of patients.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on “omics”-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical

subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 25 days after submission; acceptance to publication is undertaken in 5.8 days (median values for papers published in this journal in the second half of 2025).