



nutrients



Special Issue Reprint

The Role of Pregnancy Nutrition in Maternal and Offspring Health

www.mdpi.com/books/reprint/1864

Edited by
Ekaterina Maslova

ISBN 978-3-03921-996-4 (Softback)
ISBN 978-3-03921-997-1 (PDF)



In pregnancy, maternal nutrition sustains and nourishes the developing child. Imbalances in either the direction of nutritional excess or deficiency can have adverse consequences for child health. In addition, more research now suggests that good pregnancy nutrition influences child health beyond pregnancy and delivery. This includes modifying the risk of child health outcomes as they enter childhood and adulthood through influences on placental development, hormonal pathways, and organ structure and function. Poor pregnancy nutrition may also compromise maternal health during pregnancy, which may have long-term consequences for women's health. Understanding the biological and social mechanisms operating during pregnancy can help in the design of better clinical and public health interventions. This Special Issue on "The Role of Pregnancy Nutrition in Maternal and Offspring Health" includes etiological and mechanistic studies of pregnancy nutrition with short- and long-term maternal and child health outcomes, including original research, narrative reviews, and systematic reviews and meta-analyses. Together, this body of work provides important insights into the influence of dietary patterns, food groups, and nutrients on pregnancy outcomes, and long-term neurodevelopmental, respiratory, and metabolic health in the children. It also highlights nutritional consequences for specific groups of women, including those with pregnancy complications and eating disorders.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/1864

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.