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The placenta is vital for normal foetal development and growth. Environmental factors and maternal conditions can affect placental function, thereby increasing the offspring's vulnerability to future health issues and disease. However, there is still a lack of information on which external factors may influence the placenta and the foetus, as well as the biological mechanisms involved in such early imprinting.

This thesis aims to explore molecular patterns and biological pathways in the placenta of importance for normal and impaired foetal growth. Furthermore, it investigates whether maternal SARS-CoV-2 infection affects placental protein expression or is associated with aberrant birth weight in the newborn.

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HANNA ÖSTLING Aspects of placental inflammatory response and birth weight

Doctoral Dissertation

Aspects of placental inflammatory response and birth weight with specific focus on SARS-CoV-2 infection during pregnancy

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