



International Alliance for  
Biological Standardization

*Europe*



**Workshop on Assessing Consequences  
of Maternal Immunization on Foetal Outcomes**  
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Zürich, Switzerland

**Title: Contextualizing Prematurity**  
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Preterm birth remains a major determinant of adverse fetal and neonatal outcomes, requiring a nuanced obstetric perspective that integrates pathophysiology, risk assessment, and prevention. Understanding the multifactorial drivers of prematurity—particularly infection, inflammation, and placental dysfunction—is essential to guide targeted interventions. In this context, maternal immunization plays a critical role not only in reducing infectious triggers of preterm birth but also in improving fetal resilience through passive immunity. Optimizing pregnancy outcomes, therefore, depends on combining early risk stratification, timely obstetric management, and vaccine strategies, placing the fetus at the center of care to reduce both the incidence and impact of prematurity.

