Can Non-Invasive Sampling Determine the Inflammatory Status of the Intra-uterine Environment?

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Background and Objective:
- Previous studies have shown that the amniotic fluid cytokine profile is predictive of pregnancy outcome in patients at risk for preterm delivery.
- Currently, determination of the intra-amniotic inflammatory milieu requires invasive techniques with its associated benefits and risks.
- Perhaps a better understanding of the causes of preterm labor and effects of treatment can be achieved if the inflammatory status could be determined in a non-invasive manner.