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## **Pre-eclampsia: Infrared Microspectroscopic novel insights**

*Tuesday, 23 March 2021 15:00 (40 minutes)*

Pre-eclampsia (PE) is a serious hypertensive disorder with unclear etiology and lack of reliable diagnostic tests. In this study, FTIR microspectroscopy technique was implemented to identify molecular changes associated with the pathogenesis of PE in placental tissues and plasma samples from pre-eclamptic women and normotensive matched controls.

The current study shed light on the promising role that the IR microspectroscopy can play in providing better diagnosis and understanding of the pathophysiology of PE.

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**Session Classification:** Biophysics and maternal health

**Track Classification:** Biophysics and maternal health