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Cholestatic pregnancy is associated with reduced VCAM1 expression in vascular endothelial cell of placenta

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Highlights

The immunohistochemistry indicated that the expression of VCAM-1 was reduced in the ICP group compared to that in control group. And the in vitro assays indicated that the expression of gene VCAM-1 was suppressed by TCA through miR-590-3p, which participated in the regulation of cell growth, cell proliferation and cell apoptosis.

Abstract:

Objective: Intrahepatic cholestasis of pregnancy (ICP) is a pregnancy-specific disease which is closely correlated with abnormal placental vascular formation and deficient vascular maturation. This study intends to explore the role of VCAM-1 in the vascular formation in the placenta of ICP.

Methods: Patients with ICP or healthy puerperant were respectively used as ICP

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