Immunology recurrent spontaneous abortion

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ABSTRACT

Introduction: Recurrent spontaneous abortion (RSA) is the most common complication in reproductive age. Several causes such as genetic, anatomical, endocrine disorders, infection, environmental and immunological factors have been involved in RSA. Elimination of defective factors can increase success in pregnancy. Nevertheless an imbalance in immune regulation and change in pattern of immune cells have been reported in unexplained recurrent spontaneous abortion. Actually, an inappropriate immune response has associated with pregnancy loss. Using diagnostic methods and several studies, immunological factors involved in RSA patients have been identified.

Methods: Multiple literatures about immunological causes of recurrent spontaneous abortion were collected.

Conclusion: The present review provides an update of current knowledge on the findings in immunological modes of pregnancy loss. There is increasingly the hope that new treatments will be established based on change in immune system.

keywords: Immunological agents, recurrent spontaneous abortion

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