

Platelet Endothelial Aggregation Receptor 1 Polymorphisms and Idiopathic Thrombocytopenic Purpura

Dear Editor,

We would like to share ideas on the publication “Role of platelet endothelial aggregation receptor 1 polymorphisms in idiopathic thrombocytopenic purpura: Is there an association?^[1]” Najafi *et al.* concluded that “*There was no association between rs12041331 and rs12566888 with platelet parameters in ITP patients and the severity of^[1]*” In fact, the platelet endothelial aggregation receptor 1 polymorphism results in a molecular change and might further affect biological interaction. However, there are also other confounding factors, including other genetic polymorphisms, which can affect phenotypic expression in idiopathic thrombocytopenic purpura (ITP). Examples of other genetic polymorphisms that might affect ITP are D28, ICOS, PD1, TNFSF4, DNAM1, TIM3, CTLA4, and LAG polymorphisms.^[2] Further studies to assess effect of other confounding genetic factors are interesting.

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Conflicts of interest

There are no conflicts of interest.

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2. Wang S, Zhang X, Leng S, Xu Q, Sheng Z, Zhang Y, *et al.* Immune checkpoint-related gene polymorphisms are associated with primary immune thrombocytopenia. *Front Immunol* 2020;11:615941.

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