

Association between RANTES gene -28C/G polymorphism and allergic diseases among Egyptian children

Yousri M. Hussein
Zagazig University, Egypt

The chemokine known as RANTES (regulated upon activation, normal T cells expressed and secreted) is an important element for the chemotaxis at the site of allergic inflammation. We conducted a case-control study aiming at identifying the relationship between polymorphism -28C/G in the RANTES gene with asthma, allergic rhinitis and dermatitis. The results suggested an association between alleles level of -28G/C promoter polymorphism and asthma, allergic rhinitis ($p < 0.001$) and ($p = 0.008$) respectively but not with dermatitis ($p = 0.07$). Our data suggest that -28C/G polymorphism within the RANTES promoter region play an important role in asthma and allergic rhinitis predisposition.

Biography

Yousri Mostafa Hussein currently working as a professor of Immunology, allergy and Molecular Biology. Head of Medical Biochemistry Department, Faculty of Medicine, Zagazig University. He has Seventy Medical Research works in Field of Clinical Immunology & Allergy and Molecular Biology. Member of National Committee for Biochemistry and Molecular Biology (NCBMB), Academy of Scientific Research & Technology Ministry of Scientific Research.

yousrihussein@hotmail.com