

Cellular Immune Responses to Plasmodium Vivax Malaria

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Abstract:

Human cellular responses to plasmodium vivax blood stage antigens were studied. Two categories of malaria convalescents—individuals resident in a malaria non-endemic region and individuals resident in a malaria endemic area were included. The cellular responses assayed were proliferation and IFN gamma production by peripheral mononuclear cells in response to a soluble extract of P.vivax blood stage antigen, to two cloned P.vivax antigens GAM - 1 and PV 200 used as bacterial fusion proteins, a non malarial antigen PPD and to a mitogen.

Key Words : Malaria, Vivax/Malaria, Vivax-Immunology