

SHORT REPORT: REQUIREMENT OF B CELLS FOR DELAYED TYPE
HYPERSENSITIVITY-LIKE PATHOLOGY AFTER SECONDARY INFECTION
WITH *LEISHMANIA MAJOR* IN RESISTANT C57BL/6 MICE

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- functional depletion of a B cell-dependent T cell involved in the suppressor pathway. *J Immunol* 132: 2072–2077.
10. Hale C, Howard JG, 1981. Immunological regulation of experimental cutaneous leishmaniasis. 2. Studies with Biozzi high and low responder lines of mice. *Parasite Immunol* 3: 45–55.
 11. Olobo JO, Handman E, Curtis JM, Mitchell GF, 1980. Antibodies to *Leishmania tropica* promastigotes during infection in mice of various genotypes. *Aust J Exp Biol Med Sci* 58: 595–601.
 12. Su H, Feilzer K, Caldwell HD, Morrison RP, 1997. *Chlamydia trachomatis* genital tract infection of antibody-deficient gene knockout mice. *Infect Immun* 65: 1993–1999.
 13. Yang DM, Rogers MV, Liew FY, 1991. Identification and characterization of host-protective T-cell epitopes of a major surface glycoprotein (pg63) from *Leishmania major*. *Immunology* 72: 3–9.
 14. Eperon S, Bronnimann K, Hemphill A, Gottstein B, 1999. Susceptibility of B-cell deficient C57Bl/6 (MT) mice to *Neospora caninum* infection. *Parasite Immunol* 21: 225–236.
 15. Matsuzaki G, Vordermeier HM, Hashimoto A, Nomoto K, Ivanyi J, 1999. The role of B cells in the establishment of T cell response in mice infected with an intracellular bacteria, *Listeria monocytogenes*. *Cell Immunol* 194: 178–185.
 16. Howard JG, Hale C, Liew FY, 1980. Immunological regulation of experimental leishmaniasis. III. Nature and significance of specific suppression of cell-mediated immunity in mice highly susceptible to *Leishmania tropica*. *J Exp Med* 152: 594–607.
 17. Howard JG, Hale C, Liew FY, 1981. Immunological regulation of experimental cutaneous leishmaniasis. IV. Prophylactic effect of sublethal irradiation as a result of abrogation of suppressor T cell generation in mice genetically susceptible to *Leishmania tropica*. *J Exp Med* 153: 557–568.
 18. DeKrey GK, Titus RG, 1999. A method for the isolation and analysis of leucocytic cells from leishmanial ear lesions in mice. *J Immunol Methods* 228: 1–11.
 19. Titus RG, DeKrey GK, Morris RV, Soares MBP, 2001. Interleukin-6 deficiency influences cytokine expression in susceptible BALB mice infected with *Leishmania major* but does not alter the outcome of disease. *Infect Immun* 69: 5189–5192.