

## Peer Reviewed Scientific Publications

### Autoimmune Diseases

- S. Brookes, S.B.A. Cohen, E.J. Price, L.M.C. Webb, M. Feldmann, R.N. Maini, P. Venables. (1996). T cell clones from Sjogrens syndrome salivary gland produce high levels of IL-10. *Clin. Exp. Immunol.* 103 , 268-272
- S.B.A. Cohen , P.D. Katsikis, C.Q. Chu, H. Thomssen, L.M.C. Webb, R.N. Maini, M. Londei, M. Feldmann. (1995). High IL-10 production by the activated T cell population within the rheumatoid membrane. *Arthritis and Rheumatism* . 38 , 946-952.
- R. Mullins, S.B.A. Cohen, L.M.C. Webb, Y. Chernajovsky, C. Dayan, M. Londei, M. Feldmann. (1995). Identification of thyroid stimulating hormone receptor-specific T cells in Graves' disease thyroid using autoantigen-transfected Epstein-bar virus-transformed B cell lines. *J. Clin. Invest* . 96 , 30-37.
- A.P. Cope, M. Londei, N.R. Chu, S.B.A. Cohen , M.J. Elliott, F.M. Brennan, R.N. Maini, M. Feldmann. (1994). Chronic exposure to tumor necrosis factor (TNF) in vitro impairs the activation of T cells through the T cell receptor/CD3 complex; reversal in vivo by anti-TNF antibodies in patients with rheumatoid arthritis. *J. Clin. Invest.* 94 , 749-760.14.
- S.B. Cohen , T. Diamantstein, A.P. Weetman. (1990). The effect of T cell subset depletion on autoimmune thyroiditis in the Buffalo strain rat. *Immunol. Lett.* 23, 263-268.
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- A.P. Weetman, S.B. Cohen , M.W. Makgoba, L.K. Borysiewicz. (1989). Expression of an intracellular adhesion molecule, ICAM-1, by human thyroid tissue. *J. Endocrinol.* 122 , 185-191
- A.P. Weetman, C.M. Black, S.B. Cohen , R. Tomlinson, J.P. Banga, C.B. Reimer. (1989). Affinity purification of IgG subclasses and the distribution of thyroid autoantibodies from patients with Hashimoto's thyroiditis. *Scand. J. Immunol.* 30 , 73-82.
- A.P. Weetman, S.B. Cohen , D.A. Oleesky, P.B. Morgan. (1989). Terminal complement complexes and C1\3C1 inhibitor complexes in autoimmune thyroiditis. *Clin. Exp. Immunol.* 77 , 25-30.
- S.B. Cohen , A.P. Weetman. (1988). Anti-thyroid drugs ameliorate thymectomy-induced experimental autoimmune thyroiditis. *Autoimmunity* . 1 , 57-58.
- S.B. Cohen , C.D. Dijkstra, A.P. Weetman (1988). Sequential analysis of experimental autoimmune thyroiditis induced by neonatal thymectomy of the Buffalo strain rat. *Cell. Immunol.* 114 , 126-136.
- S.B. Cohen , A.P. Weetman. (1988). The effect of iodine depletion and supplementation in the Buffalo strain rat. *J. Endocrinol. Invest.* 11 , 625-627
- S.B. Cohen , A.P. Weetman. (1988). Activated interstitial and intraepithelial lymphocytes in autoimmune thyroiditis. *Acta Endocrinol.* 119 , 161-166.
- A.P. Weetman, S. Cohen . (1987). The relationship of HLA-DR3 and the outcome after anti-thyroid drugs and the distribution of thyroid autoantibodies in Graves' disease. *Acta Endocrinol.* 114 , 292-297. .

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### Placental Blood and Pregnancy

- Bogunia-Kubik K, Natarajan P, Brown S, Wolley J, Alcocer M, Fallen PR, Madrigal JA, Cohen SB (2003) Cord blood serum affects T cells ability to produce and respond to IL-2. *Cytokine\_ Apr;22(1-2):42-9.*
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- S.B.A. Cohen , C.L. Morgan, F. Perandin, I. Perez-Cruz, B.Martinez & J.A. Madrigal (2000). Cord blood serum does not increase lymphocyte responses in comparison to adult serum. *Human Immunology* 61 111-114
- E. Dominguez, J.A.Madrigal, S.B.A.Cohen (1998). Foetal Natural Killer cell function is suppressed. *Immunology* 94 , 109-114
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- E. Dominguez de Ortega, M.W. Lowdell, I. Perez, J. A. Madrigal, S.B.A. Cohen . (1997). Natural killer cell function is altered by freezing in DMSO. [Meeting report]. *Biochem. Trans.,* 25, 175
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### Pure Immunology

- C. L. Morgan, C. P. Price, S.B.A. Cohen , J.A. Madrigal, and D.J. Newman (1999). Soluble CD8 stabilises the HLA class I molecule by promoting ? 2 m exchange: analysis in real-time. *Human Immunology* 60, 442-229
- C.L. Morgan, D.J. Newman, S.B.A. Cohen , P. Lowe, C. P. Price (1998). Real-time analysis of cell surface HLA class I interactions. *Biosensors and Bioelectronics* 13, 1099-1105
- C.L. Morgan, A. K. Ruprai, A. Solache, M. Lowdell, C. P. Price, S.B.A. Cohen, P. Parham, J. A. Madrigal, D. J. Newman (1998). The influence of exogenous peptide on b 2 -microglobulin exchange in the HLA complex: analysis in real time. *Immunogenetics* 48: 98-107

- S.B.A. Cohen , S.L.Parry, M. Feldmann, B. Foxwell (1997). Autocrine and paracrine regulation of human IL-10 production. *J. Immunol.* 158 , 5596-5602
- S.B.A. Cohen, J.B. Crawley, M.C. Kahan, M. Feldmann, B. Foxwell (1997). IL-10 rescues T cells from apoptotic cell death: association with an upregulation of Bcl-2. *Immunol.*92, 1-5
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- P.D. Katsikis, S.B.A. Cohen , M. Londei, M. Feldmann. (1995). Are CD4 + Th1 cells pro-inflammatory or anti-inflammatory? The ratio IL-10 to IFN $\gamma$  or IL-2 determines their function. *Int. Immunol.* 7 , 1287-1294.
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### Renal Dialysis

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- A.Zamauskaite, J.A. Madrigal, M. M. Yaqoob, S.B.A. Cohen. (1999). The frequency of Th2 type cells increases with time on peritoneal dialysis in patients with diabetic nephropathy. *Eur. Cyt. Net* 10, 219-226

### Vaccines

- A.B. McDermott, J.A. Madrigal, C.A. Sabin, J. N. Zuckerman, S.B.A. Cohen . (1999). The influence of host factors and immunogenetics on lymphocyte responses to Hepagene vaccination . *Vaccine* 17 , 1329-1337
- A.M.McDermott, S.B.A.Cohen , J.N Zuckerman, J.A.Madrigal (1999) . Human leukocyte antigens influence the immune response to a Pre-S/S hepatitis B vaccine. *Vaccine* 17, 330-339.

### Letters

- K. Bogunia-Kubik, I. Perez-Cruz, P. R. Fallen, J.A Madrigal, S B.A. Cohen (2000). Cord blood (CB) lymphocytes have a low frequency of cytokine producing T cells due to a high threshold For Activation *Immunology Letters* 72 , 145-146
- S.B.A. Cohen (2000). How should we present our cytokine profile data? *Immunology Today* 21 , 199.

### Examples of Published Scientific Reviews

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- S.B.A. Cohen Proceedings of the (2000) Annual UK Cord Blood Immunology Group (2000)
- S.B.A. Cohen, X. N. Wang, A. Dickinson (2000). Can Cord Blood Cells Support The Cytokine Storm In GvHD? Cytokine and Growth Factor Reviews 11, 185-197
- I.Perez-Cruz, S.B.A. Cohen , J.A. Madrigal. (1999) Produccion de citocinas por linfocitos de cordon umbilical. Relacion con el transplante alogenico de celulas multipotenciales. Hematol. Citocinas Inmunoter. Ter. Cel. 2:6 425-233
- S.B.A. Cohen , I. Perez-Cruz, P. Fallen, E. Gluckman, J.A. Madrigal (1999). Analysis of the cytokine production by cord and adult blood. Human Immunol. 60, 331-336 .
- S.B.A. Cohen , E. Dominguez, M. Lowdell & J.A. Madrigal (1998). The Immunological properties of cord blood: Overview of current research presented at the 2nd EUROCORD Workshop. Bone Marrow Transpl . 22 , S1 22-25
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- I. Perez-Cruz, P. Fallen, K. Bogunia-Kubik, P.R. Fallen, J. A. Madrigal, S.B.A. Cohen (1999) Cord Blood (CB) lymphocytes have a low frequency of cytokine producing cells due to a high threshold for activation. Jour. Interf. Cytok. Research , 19 (1) S:156.
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- A. Zamauskaite, M. Yaqoob, L.R.I Baker, A. Madrigal, S.B.A. Cohen (1997). Identification of a Th2 cytokine profile in insulin dependant diabetes mellitus (IDDM) dialysis patients. Nephrology, 3, P698
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- E. Price, S.B.A. Cohen, S.M. Brookes, L.M.C. Webb and P.J.W. Venables (1996). T cell clones from a subset of patients with primary Sjogren's syndrome produce high levels of IL-10. *Brit. J. Rheum.* 35, Supplement. 1, P16
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- S.B.A.Cohen , S.L. Parry, I. Perez, A. Madrigal, B. Foxwell , M. Feldmann (1996). The secretion of IL-10 by human Th1 type cells can determine the function of the cell. *Blood* , 88, 312.
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