From Proteomics to Molecular Epidemiology: Relevance of Autoantibodies

Report on the 6th Dresden Symposium on Autoantibodies held in Dresden on September 4-7, 2002
4. Induction of autoantibodies and autoimmune diseases

- The pristane model of lupus

- Infectious origin of antiphospholipid syndrome
  Y. Shoenfeld, M. Blank

- Oxidative modification of autoantigens
  B. T. Kurien, K. Hensley, S. Ganick, M. Bachmann, R. H. Scofield

- Epitopes and complementary epitopes of autoantigens: Clinical and biologic significance
  A. Tzioufas, J. G. Routsias, H. M. Moutsopoulos

- Linear epitopes of two different autoantigens (La/SSB and myelin basic protein) with molecular similarity, produce different humoral responses

- Induction of T cell dependent idiotypic / anti-idiotypic antibody response by complementary peptides from the immunodominant epitope 289-308 of the La/SSB autoantigen

- Rapid onset of intra- and inter-molecular epitope spreading by immunization with 4-hydroxy-2-nonenal modified 60 kDa-Ro
  B. T. Kurien, S. Ganick, D. Ohebo, M. McClain, Q. Pye, R. Schneider, R. H. Broyles, J. A. James, M. Bachmann, J. B. Harley, K. Hensley, R. H. Scofield

- Induction of autoantibodies in different mouse strains by the C-terminal peptide of SmD1 83-119
  G. Riemekasten, D. Langnickel, P. Enghard, A. Meine, F. Hiepe

- Apoptosis, a mechanism to break tolerance?
  M. P. Bachmann, J. A. Gross, Z. Pan, A. D. Farris

- Apoptotic cleavage of the LEDGF/p75 autoantigen: Mechanism, impact on
function, and possible role in the induction of autoantibodies
V. Ganapathy, X. Wu, T. Brown, T. Daniels, C. A. Casiano

- Mice transgenic for human La are tolerant to La antigen in the form of late apoptotic cells
  Z. Pan, K. Davis, M. P. Bachmann, A. D. Farris

- Influence of Th1 and Th2 cytokines on the primary and secondary immune response in vitro
  I. Sterzl, J. Votruba, P. Matucha, J. Sterzl

- Relationship between rheumatoid factors, immune complexes and galactosylation status of IgG during humoral immune response in hyperimmunized rabbits
  D. Ciric, N. Milosevic-Jovcic, V. Ilic, L. Hajdukovic-Dragojlovic

- Characteristics of the anti-dsDNA autoantibody response induced by Infliximab
  P. Charles, L. Aarden, R. N. Maini

- Antinuclear antibody profile following infliximab treatment in rheumatoid arthritis and spondyloarthropathy.
  L. De Rycke, N. van Damme, E. Kruithof, I. E. A. Hoffman, F. van den Bosch, E. M. Veys, F. de Keyser

- Immune response to neo- or recall antigens is not altered by alefacept
  A. Gottlieb, A. Vaishnaw, K. Gordon

- Alefacept (human LFA-3/IgG1) is well tolerated and non-immunogenic: Results of two randomized, placebo-controlled phase III trials
  G. Krueger, A. Vaishnaw, K. Gordon

- Complexes of natural autoantibodies with histones perform role of novel autoantibodies
  D. N. Abakushin, A. M. Poverenny

- The reactivity of human serum IgM antibodies with Salmonella outer membrane proteins as a potential marker of Salmonella carrier
  A. Gamian, D. Witkowska, M. Staniszewska, W. Gorczyca, L. Maslowski

- Reactivity of antibodies against human muscle beta-enolase with bacterial outer membrane proteins
  D. Witkowska, J. Pietkiewicz, B. Szostko, A. Gamian

- Increased blood plasma concentrations of TGF-ß in patients with multiple sclerosis after treatment with IVIG
  D. Reinhold, K. Schrecke, E. Perlov, H.-J. Heinze, M. Sailer