

An excellent overview of current research

Biologic and Gene Therapy of Autoimmune Disease

Editor: **C. Garrison Fathman**

The clinical management of autoimmune diseases has proven to be extremely difficult. Current therapies focus on trying to alleviate symptoms, but fail to correct the fundamental immune defects that lead to pathology. To achieve this goal, it is necessary to understand much of the biology of antigen presentation, lymphocyte activation and the effects of cytokines.

The articles in this book provide an up-to-date review of current innovative therapies using both biologic and gene therapy for the treatment of selected autoimmune diseases. Therapeutical approaches discussed include oral tolerance, the use of anti-CD4 monoclonal antibodies, IL-10 and anti-TNF α antibodies, DNA vaccination, and gene therapy applied to organ-specific autoimmune disease. Although some of these techniques are still in their

infancy, their potential efficacy has been demonstrated in several animal models of autoimmune disease, holding great promise for the future development of treatments. Written by recognized experts in the field, the chapters in this book illustrate the concept of technology transfer from bench to bedside and provide a valuable update for clinicians and scientists in clinical immunology.

Fields of Interest:
Immunology, Genetics, Cell Biology



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Contents

Oral Tolerance as a Treatment Modality for Autoimmune Diseases

Whitacre, C.C.; Campbell, K.A.

Anti-CD4 Monoclonal Antibody Therapy in Human Autoimmune Diseases

Schulze-Koops, H.; Lipsky, P.E.

Novel Concepts of Tumor Necrosis Factor Action in Autoimmune Pathology

Riminton, D.S.; Sedgwick, J.D.

Anti-TNF α Therapy in Rheumatoid Arthritis – Current and Future Directions

Taylor, P.C.; Williams, R.O.; Maini, R.N.

Cytokine-Directed Targeting in Chronic Arthritis

van den Berg, W.B.; Joosten, L.A.B.; Lubbets, E.

Interleukin-10: Therapeutic Prospects in Rheumatoid Arthritis

St. Clair, E.W.

Immunomodulation of Crohn's Disease

van Deventer, S.J.H.

Retroviral and Lentiviral Gene Therapy for Autoimmune Disease

Smith, R.; Nolan, G.P.

Application of Gene Therapy in Autoimmune Disease

Fathman, C.G.; Seroogy, C.M.

DNA Vaccination in the Treatment of Autoimmune Disease

Garren, H.; Steinman, L.

Author Index
Subject Index

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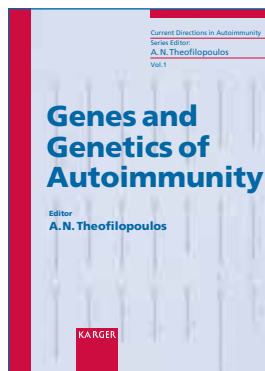
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