

Contents

Welcome	
H.D. SCHLUMBERGER	1
 <u>Experimental Models of Rheumatoid Lesions</u>	
Chairman: D.C. DUMONDE	3
 Experimental Models of Rheumatoid Inflammation	
D.C. DUMONDE, ELIZABETH H. JONES, R.H. KELLY, and CAROLYN M. OATES. With 4 Figures	4
 Persistence of Antigen in Experimental Allergic Mono- arthritis	
H.E. JASIN and T.D. COOKE	28
 Experimental Subcutaneous Granulomata Simulating R.A. Nodules	
L.E. GLYNN	33
 Studies on the Mitotic Responsiveness of "T" Cells After Stimulation with Contact Sensitizing Agents.	
A.J.S. DAVIES, V.J. WALLIS, E. LEUCHARS, I. GERY, and T. PALMER. With 2 Figures	35
 Rheumatoid-Type Lymph Node Changes in Animals Exhibiting Immunoregulatory Defects	
R.H. KELLY. With 6 Figures	41
 <u>Experimental Models and Systemic Lupus</u>	
Chairman: N. TALAL	51
 Autoimmunity: A Problem of Disordered Immunologic Regulation	
N. TALAL, J.R. ROUBINIAN, R. PAPOIAN, and R.J. PILLARISSETTY	52
 Chronic Infections of C-Type RNA Viruses	
NATALIE M. TEICH and R.A. WEISS	59
 Evidence for a Virus in Canine Systemic Lupus Erythematosus	
R.M. LEWIS	71

Viral Replication in Lymphocytes and the Pathogenesis of Connective Tissue Diseases A.M. DENMAN, D.J. APPLEFORD, R.C. IMRIE, M.J. KINSLEY, B.K. PELTON, and T. SCHNITZER. With 8 Figures	77
<u>Recent Approaches to Experimental Immune Complex Disease and Allergic Vasculitis</u> Chairman: P.M. HENSON	93
Immune Complex Diseases: Cellular Mediators and the Pathogenesis of Inflammatory Tissue Injury Produced by Immune Complexes P.M. HENSON. With 1 Figure	94
Antibody Affinity, Macrophage Function and Immunoregulation in Murine Immune Complex Disease M.W. STEWARD. With 4 Figures	107
Features of Human Spontaneous Vasculitis Reproduced Experimentally in Animals. Effects of Antiglobulins, C-Reactive Protein and Fibrin W.E. PARISH	117
Mechanisms Involved in Clinical Allergic Vasculitis J.J. CREAM	152
Significance of Anti-IgG Antibodies in Experimental Arthritis K. FEHR, M. VELVART, and A. BÖNI. With 5 Figures	164
Immune Complex Arthritis - In Man and Experimental Animals G. LOEWI. With 2 Figures	182
<u>Arthritis During the Course of Experimental or Natural Infection</u> Chairman: B.P. MARMION	187
Rheumatoid Arthritis and the Virus Hypothesis B.P. MARMION and J.M.K. MACKAY. With 3 Figures	188
Teno-Synovitis (Viral Arthritis) of Chickens G.A. CULLEN	212
Hemostasis, Fibrin Incorporation and Local Mesenchymal Reaction in Erysipelothrix Infection as a Model for Rheumatism Research L.Cl. SCHULZ, H. EHARD, B. HERTRAMPF, W. DROMMER, D. SEIDLER, and K.H. BÖHM. With 18 Figures	215
Erysipelothrix Arthritis in Rabbits L.E. GLYNN	238
Mycoplasma Infection and Arthritis of Chickens G.A. CULLEN	240

Experimental Models of Streptococcal Arthritis: Pathogenic Role of Streptococcal Products and Prostaglandins and Their Modification by Anti-Inflammatory Agents I. GINSBURG, U. ZOR, and Y. FLOMAN. With 20 Figures	256
<u>Control Mechanisms in Inflammatory Responses</u>	
Chairman: R. VAN FURTH	301
The Regulation of the Participation of Mononuclear Phagocytes in Inflammatory Responses R. VAN FURTH, D. VAN WAARDE, J. THOMPSON, and A.E. GASSMANN With 10 Figures	302
The Kinetics of Chronic Inflammatory Cellular Infiltrates W.G. SPECTOR	327
Pathology of Lymphoid Tissue in Rheumatoid Arthritis and Allied Diseases B. SCHNITZER. With 16 Figures	331
Lymphocyte Infiltration and Proliferation of Stroma Cells of Synovial Tissue in Rheumatoid Arthritis H.G. FASSBENDER. With 6 Figures	349
Aspects of Synovial Biodegradation D.P. PAGE-THOMAS. With 15 Figures	353
An Effect of Joint Fluid on Blood Monocytes G. LOEWI and J. REYNOLDS. With 1 Figure	366
<u>Should We Stimulate or Suppress the Inflammatory Response?</u>	
Chairman: D.A. WILLOUGHBY	369
Should We Suppress or Stimulate the Immune Response in Inflammation? D.A. WILLOUGHBY, C.J. DUNN, P.A. DIEPPE, and E.C. HUSKISSON With 3 Figures	370
The Action of Anti-Inflammatory Drugs on the Lymphocyte-Macrophage Axis J. MORLEY, M.A. BRAY, and D. GORDON. With 3 Figures	376
Problems in Analysing the Actions of Immunosuppressive Agents in Immuno-Inflammatory Disease M.C. BERENBAUM. With 4 Figures	391
Influence of Anti-Inflammatory Drugs on Connective Tissue Metabolism H. GREILING, A.M. GRESSNER, and H.W. STUHLSTATZ With 11 Figures	406
<u>Final General Discussion and Résumé</u>	
Chairman: L.E. GLYNN	421
<u>Subject Index</u>	443