

ANNALS OF THE RHEUMATIC DISEASES

EDITOR

W. S. C. COPEMAN

**ASSISTANT EDITOR
OSWALD SAVAGE**

EDITORIAL COMMITTEE

LLGREN N. F. MACLAGAN

EDITORIAL BOARD

JOHN BALL J. J. R. DUTHIE A. G. S. HILL
L. E. GLYNN G. D. KERSLEY SIR RONALD TUNBRIDGE
and the EDITOR of the *British Medical Journal* appointed by the
BRITISH MEDICAL ASSOCIATION and the ARTHRITIS AND RHEUMATISM COUNCIL FOR RESEARCH

| | | | |
|---|----|----|----|
| Antinuclear Factor in Rheumatoid Arthritis and Related Diseases | .. | .. | 1 |
| D. A. PITKEATHLY AND G. TAYLOR | | | |
| Alterations in the Antigenic Constitution of Renal Glomerular Capillaries accompanying the Histological Maturation of Renal Glomeruli in the Rat | | | 10 |
| D. G. SCOTT AND N. R. ROWELL | | | |
| Pituitary Adrenal Function during Corticosteroid Withdrawal in Rheumatoid Arthritis | | | 18 |
| J. R. DALY, A. B. MYLES, P. A. BACON, C. G. BEARDWELL, AND O. SAVAGE | | | |
| Ultrastructure of Normal Rat Synovial Membrane | .. | .. | 26 |
| S. ROY AND F. N. GHADIALY | | | |
| Suppressive Effects of Indoxole in Crystal-Induced Synovitis in Man | .. | .. | 39 |
| A. D. STEELE AND D. J. MCCARTY JR. | | | |
| Flufenamic Acid in Rheumatoid Arthritis | .. | .. | 43 |
| K. T. RAJAN, A. G. S. HILL, A. BARR, AND E. WHITWELL | | | |
| Incidence of "Rheumatoid Factors" in Aged Serum | .. | .. | 47 |
| J. J. DE BLÉCOURT, F. WESTENDORP BOERMA, AND E. O. VORENKAMP | | | |
| Intracytoplasmic Filaments in the Cells of Adult Human Articular Cartilage | .. | | 50 |
| G. MEACHIM AND S. ROY | | | |
| Carpal Tunnel Syndrome as a Manifestation of Systemic Disease | .. | .. | 59 |
| R. S. PHILLIPS | | | |
| Book Reviews | .. | .. | 64 |
| Notices | .. | .. | 65 |
| Abstracts | .. | .. | 66 |

BRITISH MEDICAL ASSOCIATION TAVISTOCK SQUARE LONDON W.C.1

YEARLY SUBSCRIPTION (6 NUMBERS) FINLAND £4 4s.

ABROAD £4 15s.

SINGLE NUMBER 18s. 6d.

CONTENTS OF VOLUME XXVI

No. 1. JANUARY, 1967

| | PAGE |
|---|------|
| Antinuclear Factor in Rheumatoid Arthritis and Related Diseases | 1 |
| D. A. PITKEATHLY AND G. TAYLOR | |
| Alterations in the Antigenic Constitution of Renal Glomerular Capillaries accompanying the Histological Maturation of Renal Glomeruli in the Rat | 10 |
| D. G. SCOTT AND N. R. ROWELL | |
| Pituitary Adrenal Function during Corticosteroid Withdrawal in Rheumatoid Arthritis | 18 |
| J. R. DALY, A. B. MYLES, P. A. BACON, C. G. BEARDWELL, AND O. SAVAGE | |
| Ultrastructure of Normal Rat Synovial Membrane | 26 |
| S. ROY AND F. N. GHADILLY | |
| Suppressive Effects of Indoxole in Crystal-Induced Synovitis in Man | 39 |
| A. D. STEELE AND D. J. McCARTY JR. | |
| Flufenamic Acid in Rheumatoid Arthritis | 43 |
| K. T. RAJAN, A. G. S. HILL, A. BARR, AND E. WHITWELL | |
| Incidence of "Rheumatoid Factors" in Aged Serum | 47 |
| J. J. DE BLÉCOURT, F. WESTENDORP BOERMA, AND E. O. VORENKAMP | |
| Intracytoplasmic Filaments in the Cells of Adult Human Articular Cartilage | 50 |
| G. MEACHIM AND S. ROY | |
| Carpal Tunnel Syndrome as a Manifestation of Systemic Disease | 59 |
| R. S. PHILLIPS | |
| Book Reviews | 64 |
| Notices | 65 |
| Abstracts | 66 |

No. 2. MARCH, 1967

| | |
|---|-----|
| Articular and Vascular Manifestations of Polymyalgia Rheumatica | 103 |
| M. I. BRUK | |
| Histochemistry of Synovium in Experimental Haemarthrosis in the Rabbit | 117 |
| F. N. GHADILLY AND S. ROY | |
| Plasma Cortisol Response to Synacthen (β^{1-24} Ciba) at Different Times of the Day in Patients with Rheumatic Diseases | 123 |
| P. E. MCGILL, W. R. GREIG, M. C. K. BROWNING, AND J. A. BOYLE | |
| Side-Effects of Indomethacin | 127 |
| P. L. BOARDMAN AND F. DUDLEY HART | |
| Phenylbutazone in the Treatment of Tietze's Syndrome | 133 |
| E. J. VALTONEN | |
| Allopurinol in the Treatment of Uraemic Patients with Gout | 136 |
| J. D. WILSON, H. A. SIMMONDS, AND J. D. K. NORTH | |
| Use of the Hypospray Jet Injector for Intra-articular Injection | 143 |
| J. BAUM AND M. ZIFF | |
| Degenerative Joint Disease in <i>Praomys (Mastomys) natalensis</i> | 146 |
| L. SOKOLOFF, K. G. SNELL, AND H. L. STEWART | |
| Review | 155 |
| Australian Rheumatism Association | 156 |
| Abstracts | 158 |

No. 3. MAY, 1967

| | |
|--|-----|
| Heberden Oration, 1966 | 185 |
| Categorization of Medicine: A Survey of Still's Disease | |
| E. G. L. BYWATERS | |
| The Joint Disease of Sarcoidosis | 193 |
| J. M. GUMPEL, C. J. JOHNS, AND L. E. SHULMAN | |
| Fibrin Promotion and Lysis in Arthritic Joints | 206 |
| M. I. BARNHART, J. M. RIDDLE, G. B. BLUHM, AND C. QUINTANA | |
| Significance of the Occurrence of Transparent Skin: A Study of Histological Characteristics and Biosynthesis of Dermal Collagen | 219 |
| B. MC CONKEY, K. W. WALTON, S. A. CARNEY, J. C. LAWRENCE, AND C. R. RICKETTS | |
| Carpal Tunnel Syndrome in Rheumatoid Arthritis | 226 |
| C. G. BARNEs AND H. L. F. CURREY | |
| Relative Roles of Genetic and Environmental Factors in the Control of Serum Uric Acid Levels in Normouricaemic Subjects | 234 |
| J. A. BOYLE, W. R. GREIG, M. K. JASANI, A. DUNCAN, M. DIVER, AND W. WATSON BUCHANAN | |
| Jaccoud's Arthritis | 239 |
| E. BEAUSANG, E. V. BARNETT, AND S. GOLDSTEIN | |
| Phenolsulphonphthalein Clearance from the Knee Joint in Normal and Pathological States | 246 |
| R. NAKAMURA, H. ASAI, H. SONOZAKI, AND M. NAGANO | |
| Ferritin Formation by Synovial Cells exposed to Haemoglobin <i>in vitro</i> | 251 |
| K. D. MURDEN, J. R. E. FRASER, AND B. CLARRIS | |
| Topical Fluocinolone in Rheumatoid Arthritis | 260 |
| L. HALL AND THE LATE N. R. BANERJEE | |
| Heberden Society | 262 |
| Book Review | 264 |
| New Zealand Rheumatism Association | 265 |
| Abstracts | 266 |

No. 4. JULY, 1967

| | |
|--|-----|
| Immunocytology in Arthritic Joints | 281 |
| M. I. BARNHART, J. M. RIDDLE, AND G. B. BLUHM | |
| Components of the Fibrinolytic System in Synovial Joints | 297 |
| D. E. CAUGHEY AND T. C. HIGHTON | |
| Significance of Antinuclear Factor in Older Persons | 306 |
| R. F. WILLKENS, R. R. WHITAKER, R. V. ANDERSON, AND D. BERVEN | |
| Salivary Flow Rates and Iodide Trapping Capacity in Patients with Sjögren's Syndrome | 311 |
| D. K. MASON, R. McG. HARDEN, J. A. BOYLE, M. K. JASANI, J. WILLIAMSON, AND W. W. BUCHANAN | |
| Intra-articular Hydrocortisone in Osteo-arthrosis | 316 |
| K. D. SHAH AND V. WRIGHT | |
| Changes in the Antigenic Properties of Connective Tissue in the Skin of Embryonic Rats during Development | 319 |
| D. G. SCOTT AND N. R. ROWELL | |

| | |
|---|-----|
| Rheumatoid Changes in the Metacarpophalangeal Region as a Cause of Bunnell's Sign | 328 |
| K. VAINIO | |
| Blood Groups ABO and Rh(D) Factor in the Rheumatic Diseases | 332 |
| I. STOIA, R. RAMNEANTU, AND M. POITAS | |
| Antiglobulin Factors in Sera from Patients with Rheumatoid Arthritis and Normal Subjects | 334 |
| G. TORRIGIANI AND I. M. ROITT | |
| Heberden Society | 341 |
| Book Reviews | 352 |
| Notices | 353 |
| Abstracts | 354 |

No. 5. SEPTEMBER, 1967

| | |
|--|-----|
| Assessment of Drugs in Out-patients with Rheumatoid Arthritis | 373 |
| R. M. MASON, D. E. BARNARDO, W. R. FOX, AND M. WEATHERALL | |
| Ultrastructural Study of Leucocytes and Urates in Gouty Arthritis | 389 |
| J. M. RIDDELL, G. B. BLUHM, AND M. I. BARNHART | |
| Occurrence of Antibody to Salivary Duct Epithelium in Sjögren's Disease, Rheumatoid Arthritis, and Other Arthritides | 402 |
| R. N. M. MACSWEEN, R. B. GOUDIE, J. R. ANDERSON, E. ARMSTRONG, M. A. MURRAY, D. K. MASON, M. K. JASANI, J. A. BOYLE, W. W. BUCHANAN, AND J. WILLIAMSON | |
| Levels of Serum Immunoglobulins in Patients with Rheumatoid Arthritis | 412 |
| R. MARCOLONGO, F. FRULLINI, A. BRAVI, G. BIANCO, AND A. CARCASSI | |
| The Hypermobility Syndrome | 419 |
| J. A. KIRK, B. M. ANSELL, AND E. G. L. BYWATERS | |
| Ultrastructure of Synovial Membrane in Rheumatoid Arthritis | 426 |
| F. N. GHADIALY AND S. ROY | |
| Book Reviews | 444 |
| Obituary | 447 |
| I South East Asia and Pacific Area Congress, 1968 | 447 |
| Abstracts | 448 |

No. 6. NOVEMBER, 1967

| | |
|--|-----|
| Rheumatoid Pleuritis | 467 |
| W. C. WALKER AND V. WRIGHT | |
| Clinical Background of Rheumatoid Vascular Disease | 475 |
| M. WILKINSON AND W. N. TORRANCE | |
| Lipid Content of Human Costal and Articular Cartilage | 481 |
| R. A. STOCKWELL | |
| A Clinical and Serological Study of Rheumatoid Arthritis | 487 |
| MARY CORBETT, JUNE M. DOWNES, AND F. R. SCHMID | |
| Mefenamic Acid in Rheumatoid Arthritis | 494 |
| A. B. MYLES, P. A. BACON, AND K. A. WILLIAMS | |
| An Investigation of the Prevalence and Significance of Gastric Parietal-cell Autoantibody in Rheumatoid Arthritis | 499 |
| E. M. ARMSTRONG | |

| | |
|---|-----|
| Influence of Lymphatic Tissue on the Development of Adjuvant-induced Polyarthritis in Rats | 506 |
| A. G. RYŻEWSKA | |
| Ultrastructure of Synovial Membrane in Osteo-arthritis | 517 |
| S. ROY | |
| Haemolytic Complement Level and Ragocyte (R A Cell) Concentration in Synovial Fluid | 528 |
| A. P. PELTIER, F. DELBARRE, AND G. KRASSININE | |
| Influence of Trauma on the Development of Chronic Inflammatory Polyarthritis | 532 |
| K. A. WILLIAMS AND J. T. SCOTT | |
| Rheumatoid Arthritis of the Temporomandibular Joints | 538 |
| J. J. MARBACH AND H. SPIERA | |
| Immunological Characterization of Some Basement Membrane Antigens | 544 |
| G. LOEWI | |
| Nature of Anaemia in Rheumatoid Arthritis. VII. Storage of Iron in Rheumatoid Disease | 552 |
| A. A. H. LAWSON, E. T. OWEN, AND A. G. MOWAT | |
| Ibuprofen in the Treatment of Rheumatoid Arthritis and Osteo-arthritis | 560 |
| P. L. BOARDMAN, G. NUKI, AND F. DUDLEY HART | |
| Shakespeare's Rheumatology | 562 |
| G. E. EHRLICH | |
| Book Reviews | 564 |
| Heberden Society | 565 |
| Abstracts | 568 |
| Index, 1967 | 583 |