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## HEBERDEN SOCIETY

A clinical meeting was held on October 18, 1957, at the Wellcome Foundation. In a Symposium on the Ninth International Congress on Rheumatic Diseases at Toronto, the following speakers dealt with different aspects of the work presented at the Congress:

- DR. H. F. WEST: Steroids with special reference to biochemistry.  
DR. F. DUDLEY HART: Collagen and "Para-Rheumatic" Diseases.  
DR. A. G. S. HILL: Serology and Pathology.  
DR. R. M. MASON: Gout and Reiter's Disease.  
DR. J. H. GLYN: Miscellaneous.

DR. HARRY COKE presented a paper on "The Relationship of Some Enzyme Inhibitors in Rheumatoid Arthritis": Following the work of Ungar in determining the presence of a substance, which he termed Splenin, as an abnormality in rheumatoid arthritis, the phenomenon had been confirmed in a blind statistical experiment. This was related to the serum inhibitor of Trypsin. The titre of trypsin inhibitor had been shown to be raised in

statistical relation to the activity of the disease process. The inhibitor is isolated by curtain electrophoresis in the alpha-globulin region. Statistical evaluation of tyrosin and bound-hexose in a series of 150 cases showed the values for these two elements in the alpha-seromucoid fraction to be raised in rheumatoid arthritis to a significant degree. The reduction of these values by chrysotherapy was demonstrated. Zone electrophoresis in transparent cellulose acetate strips enabled gold in the blood to be stained by a silver physical development method and demonstrated the association of the gold with a protein which migrated at pH 8·6 just ahead of the  $\alpha_2$ -globulin. Gold itself did not produce a chemical dissociation of this serum fraction. In a discussion of the nature of the action of gold, its possibilities as an anabolic enzyme blocking the reticulo-endothelial system, as an inhibitor to hyaluronidase, as a dispensable metal-protein complex, and as a chemical metal-protein complex which might become auto-antigenic, were considered.

## LIGA ARGENTINA CONTRA EL REUMATISMO Y ENFERMEDADES OSTEOARTICULARES

An Argentine League against Rheumatism and the Osteo-Articular Diseases has been formed with the object of encouraging:

1. The scientific investigation of rheumatism.
2. The holding of congresses and symposia for the instruction of qualified doctors.
3. The publication of scientific works on this subject.
4. (a) Preventive measures;  
(b) The creation of a society of mutual assistance for rheumatic patients, and of a society of medical auxiliaries in conjunction with the League;

(c) All work designed to combat the social evils of rheumatism.

- President:* Dr. S. Tarnopolsky.  
*Vice-President:* Dr. A. S. Calvo.  
*Secretary:* Dr. E. I. Amosa (provisional address: Lavalle No. 1882, Buenos Aires).  
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## AMERICAN RHEUMATISM ASSOCIATION

The forthcoming publication is announced of a new medical journal, *Arthritis and Rheumatism*, the official journal of the American Rheumatism Association, which will appear bi-monthly starting with the January-February issue of 1958, under the editorship of Dr. William S. Clark. The Publication Committee is composed of Drs Richard H. Freyberg, William H. Kammerer, John Lansbury, Charles Ragan, and Charles L. Short.

The Journal will cover the field of connective

tissue disorders, in particular rheumatoid arthritis, osteo-arthritis, rheumatic fever, gout, the so-called "collagen diseases", and non-articular rheumatism. In addition to original and review articles, special departments will include news and notices, correspondence, editorial comment, progress reports, and book reviews. The Journal should interest not only the specialist in rheumatic diseases, but also the internist, orthopaedic surgeon, research worker, and all practitioners with a special interest in these diseases.

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