

Society for Developmental Biology

The second meeting of the Society for Developmental Biology will be held on **Saturday, November 21st 1964** at the National Institute for Medical Research, Mill Hill, London, N.W.7., in the Fletcher Memorial Hall (main building).

The nearest Underground station is Mill Hill East (Northern Line), then bus 240 or 15 mins. walk up hill.

Those members requiring hotel accommodation should communicate **before November 5th** with the secretary, Dr. E. M. Deuchar, Anatomy Department, University College, London, W.C.1.

PROGRAMME

1. THE ONTOGENY OF THE IMMUNE RESPONSE

Chairman: Prof. D. R. Newth

- 10.00 Dr. J. B. SOLOMON **The onset of immunological reactions in the chicken.**

The onset of immunological competence in the chicken, measured by various transplantation methods, will be described. The cell type involved in transplantation reactions is probably a small lymphocyte.

- 10.30 Mr. D. JAMES **The effects of antigenic differences on placental size in mice.**

- 11.00 COFFEE

2. HORMONES, ANTIGENS AND INDUCTION

Chairman: Dr. J. H. Humphrey

- 11.30 Dr. J. A. TATA **Amphibian metamorphosis.**

The roles and properties of some enzymes and proteins synthesised during spontaneous and hormone-induced metamorphosis will be described. Experiments on nucleic acid synthesis will also be discussed.

- 12.00 Dr. N. A. MITCHISON **Double competence in the response to antigen.**

Competent cells respond to antigen by becoming paralysed or immunised. The factors which control this response include timing, dosage and cell phase.

LUNCH (7s. 6d. including coffee) will be available at the National Institute for Medical Research, for those members and their guests who let the Secretary know by **November 16th**.