

## Spring Meeting

April 1st and 2nd, 1966 in Botany Department, University College London.

## PROGRAMME

Gower Street, W.C.1.

Friday, 1st April - Symposium on Extra-Nuclear DNAChairman - Professor John Maynard Smith (University of Sussex, Brighton).

- 10.00 a.m. Chairman's opening remarks.
- 10.5 Dr. Ruth Sager (Columbia University, New York)  
Searle lecturer  
Physical organization of non-chromosomal genes in chlamydomonas.
- 11.00  
to  
11.20
- 11.20 Professor J. Brachet (Université Libre de Bruxelles, Brussels)  
The significance of cytoplasmic DNA for morphogenesis and protein synthesis in acetabularia and animal eggs. X
- 11.50 Professor Sir John Randall, F.R.S. (King's College London)  
Evidence for the presence of DNA at basal body sites in tetrahymena.
- 12.20 Dr. M. Steinert (Université Libre de Bruxelles, Brussels)  
Mitochondrial DNA in trypanosomes and related flagellates.
- 12.50 General Discussion
- 1.00  
to  
2.15
- LUNCH
- 2.15 p.m. Dr. A. Gyldenholm (University Genetics Institute, Copenhagen)  
On the nucleic acid metabolism during chloroplast development in young bean leaves (*Phaseolus vulgaris*)
- 2.35 Dr. D. Wilkie (University College London)  
Biochemical and genetical studies of respiratory mutants in yeast.
- 2.55 Dr. K. Vickerman (University College London)  
Mitochondrial inheritance in flagellates.
- 3.15 Dr. P.E. Bell (University College London)  
Extra-nuclear DNA in plant eggs and embryo sacs.
- 3.35  
to  
3.55
- TEA
- 3.55 Dr. J.P.G. Kirk (University College of Wales, Aberystwyth)  
Nature and function of plastid DNA.
- 4.15 Dr. P.D. Gahan (King's College London)  
Cytoplasmic DNA in dividing cells.
- 4.35 Panel Discussion
- 5.45 DEMONSTRATIONS

Lecturers

Seige (Smith) Ch. 2000th



1-20

3-15

Saturday, 2nd April

9.30 a.m.

Annual General Meeting

General Session

- 10.15 Dr. J. Seed (Department of Radiotherapeutics, Cambridge)  
The relationship between DNA replication and the  
synthesis of cytoplasmic RNA in dividing animal cells.
- 10.35 Dr. R. Berry (Radiobiology Laboratory, Oxford)  
Clone-size distribution analysis of the post-  
irradiation growth of surface-attached HeLa cells.
- 10.55 Dr. W. Korohoda, Dr. J.A. Forrester and Mr. D. Gingell  
(Crackow, Chester Beatty Research Institute & King's  
College London)  
Studies on the adsorption of polystyrene onto the  
surface of the Naegleria gruberii: physico-chemical  
and behavioural effects.
- 11.15  
to  
11.35 COFFEE - DEMONSTRATIONS ✓
- 11.35 Dr. V. Maggi (Imperial Cancer Research Fund, London)  
The cellular localization of exogenous insulin: A  
preliminary report.
- 11.55 Dr. P.E. Gahan, Dr. M. Kalina, Dr. J. McLean and  
Dr. W. Sharma (King's College London)  
Application of a freeze-sectioning method in plant  
histochemistry.
- 12.15 Dr. P.C.T. Jones (University College of Wales,  
Aberystwyth)  
ATP/ADP ratio as a control mechanism in cell movement  
and adhesion.