

Thirteenth Cambridge Ophthalmological Symposium

THE OUTER RETINA 8th & 9th SEPTEMBER, 1983

A quarter of an hour has been allowed for discussion following each talk.

WEDNESDAY 7th SEPTEMBER

6.30 p.m. Wine Reception in the School of Pythagoras

THURSDAY 8th SEPTEMBER

Chairman — Professor J. Dowling, Harvard

9.00 a.m. Introduction

9.05 a.m. ^{v4} The anatomy of the outer retina

9.35 a.m. ^{v4} How does the retina transform ^{light?}

10.05 a.m. ^{v4} How is colour perceived? ³

10.35 a.m. ^{v4} The renewal of the photoreceptors

11.05 a.m. ^{v4} Coffee ^{← Bill Dabney — Neurosciences of the retina}

11.35 a.m. ^{v4} Normal and abnormal electrical activity in the retina

12.05 p.m. ^{v4} Thermal versus photochemical damage in the retina

12.35 p.m. ^{v4} Phagocytosis in the outer retina.

1.05 p.m. ^{v4} Lunch

2.30 p.m. ^{v4} The fate of the phagosome.

3.00 p.m. ^{v4} Circadian rhythms in the retina

3.30 p.m. ^{v4} Auto immunity and the outer retina

4.00 p.m. ^{v4} Tea

4.30 p.m. ^{v4} What is retinitis pigmentosa? ^{How light or the photoreceptor cell?}

5.00 p.m. ^{v4} Visual pigment changes in retinitis pigmentosa

5.30 p.m. ^{v4} Close

7.30 p.m. ^{v4} SPECIAL DINNER IN ST JOHN'S COLLEGE HALL — Dinner Jacket.

After Dinner, the Symposium Music Ensemble will give a recital in the New Music Room, First Court. A programme will be provided during the afternoon.

P.G. Watson, Cambridge

J.H. Marshall, London

P.A. McNaughton, Cambridge

J.K. Bowmaker, London

J.G. Hollyfield, Houston

G.B. Arden, London

R. Birngruber, Munich

M.M. LaVail, San Francisco

Lynette Feerick, Columbia

Charlotta Remo, Zurich

A.H.S. Rahi, London

A.M. Lattes, Philadelphia

C.M. Kemp, London

Paper

Paper

Paper

Paper

Paper

FRIDAY 9th SEPTEMBER

Chairman — Professor A.C. Bird, London

- 9.15 a.m. Relationship between retinitis pigmentosa and the choriocapillaris
P. Henkind, *Paper*
New York
- 9.45 a.m. DNA probes in retinitis pigmentosa
A. Wright, *Paper*
Edinburgh
- 10.15 a.m. Retinal changes in animals as models for retinitis pigmentosa
K.C. Barrett, *Paper*
Newmarket
- 10.45 a.m. Biochemical changes in inherited retinal disease
R.N. Lolley, *Paper*
Sepulveda
- 11.15 a.m. Coffee
- 11.45 a.m. What can we learn from retinal pigment epithelium in culture?
D.A. Newsome,
Baltimore
- 12.15 p.m. The prospects for treatment in retinitis pigmentosa
A.C. Bird,
London
- 12.45 p.m. Lunch
- 2.15 p.m. The changes in the retina as a result of diabetes
Gillian Clover,
London
- 2.45 p.m. What is the value of retinal biopsy?
I.J. Constable, *Paper*
Perth
- 3.15 p.m. How tightly does the retina stick?
H.L. Kain,
Munich
- 3.45 p.m. Tea
- 4.15 p.m. The induction of retinal detachment
G. Coscas,
Cretail
- 4.45 p.m. The effects of photocoagulation on the retina
J.H. Marshall,
London
- 5.15 p.m. Summing Up
A.C. Bird
- 5.30 p.m. Close of meeting

2.00