

**ANNOUNCEMENT**  
**THE PHYTOCHEMICAL SOCIETY OF EUROPE**  
**TATE AND LYLE AWARD**



1984 Tate and Lyle Award Lecturer

DR. CHRISTOPHER J. LEAVER

The Phytochemical Society of Europe Tate and Lyle Award for 1984 has been awarded to Dr. Leaver for his original and outstanding contributions in the field of mitochondrial biogenesis in higher plants. Dr. Leaver, who is 42 years old, obtained his B.Sc. in Botany at Imperial College, London and was awarded his Ph.D. in 1966. After two years at Purdue University, as the holder of a Fulbright Scholarship, Dr. Leaver was appointed as a lecturer in the Department of Botany of the University of Edinburgh. He is currently Reader in the same department.

Dr. Leaver has in excess of 60 publications to his credit, pioneering the application of biochemical techniques to the study of mitochondrial development in higher plants. Specific novel findings made by Dr. Leaver include:

- (1) the isolation and sequencing of the first protein coding genes from higher plant mitochondria,
- (2) the first demonstration that plant mitochondrial DNA contains extra information to that in other organisms, and
- (3) the correlation of the synthesis of specific variant polypeptides by isolated mitochondria with the occurrence of male sterility.

These studies have had extensive application in agriculture.

The award lecture will be delivered at the PSE Symposium on Nucleic Acids and Nucleotides, to be held at Royal Holloway College, Egham, Surrey on 8-9 January 1985.