

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



1987 Award Lecturer  
Professor Alain M. Boudet

The 1987 Tate & Lyle Award was presented to Professor A. M. Boudet at the P.S.E. meeting on the Biochemistry of the Algae and Cyanobacteria in Aberystwyth on 7 April 1987. Following the presentation Professor Boudet delivered a lecture entitled 'The vacuole: an attractive compartment for phytochemists'.

Professor Boudet has spent all of his scientific career at the Université Paul Sabatier in Toulouse. He has been awarded a Licence des Sciences Naturelles (1961), Docteur de Spécialité, Physiologie Végétale (1965) and Docteur d'Etat, Sciences Naturelles (1972). He is currently a Professeur des Universités le Classe in the Centre de Physiologie Végétale. He has also spent three periods of time working at the University of East Anglia (U.K.), University of California, Davis (U.S.A.) and Freiburg Universität (F.R.G.).

Professor Boudet's early work comprised a detailed analysis of the shikimate pathway and the metabolism of aromatic compounds particularly in *Quercus pendunculata*. A major breakthrough was the demonstration that quinate:NAD<sup>+</sup> oxidoreductase was subject to reversible phosphorylation. The enzyme was later shown to be activated by Ca<sup>2+</sup> and calmodulin. More recent work has concentrated on the isolation of intact vacuoles from higher plant protoplasts. Analysis of the vacuolar content has shown that specific proteolytic enzymes are active within the compartment.

Professor Boudet has organised a number of symposia in Toulouse including one on behalf of the P.S.E. entitled 'Membranes and compartmentation in regulation of plant functions' in September 1983.