

GOTTSCHALK MEDAL 1979

C. R. Parish

Citation

The Gottschalk Medal was established in 1977 to honour the late Dr A. Gottschalk, FAA; it is awarded to a scientist under the age of 36 years in recognition of distinguished research in the medical or biological sciences.

The first award of the medal has been made to Christopher Richard Parish, who is a fellow in the department of microbiology of the John Curtin School of Medical Research, Australian National University.

Between 1967 and 1973 Dr Parish studied the properties of a bacterial protein responsible for provoking immunity or its converse, which is called tolerance. By appropriate chemical treatment he was able to alter these properties in a defined way. In 1973 he developed novel techniques for separating distinct classes of lymphocytes, which are the cells intimately involved in immune responses. These techniques are now widely used. His work during the last five years has been highly original and has helped elucidate the nature of molecules on the surfaces of cells which are involved in the immune response.