

The therapeutic potential of purinergic signalling

Geoffrey Burnstock

The talk will begin with a review of the main conceptual steps involved in the development of purinergic signalling. The focus will then be on the pathophysiology of purinergic signalling in a wide variety of systems, including urinogenital, cardiovascular, airways, musculoskeletal and gastrointestinal. There will also be consideration of the involvement of purinoceptors in pain, cancer and diseases of the central nervous system. Purinergic therapeutic approaches for the treatment of some of these diseases will be discussed.