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P2X receptors; ATP as a co-transmitter with no rad ren al i ne i n sym pat he t i c nerves-function and fate; ATP release and its prejunctional modulation; General discussion II
Involvement of distinct receptors in the actions of extracellular uridine nucleotidesFeatures of P2X receptor-mediated synapses in the rat brain: why doesn't ATP kill the postsynaptic cell?; P2 purinoceptors in the immune system; General discussion III; Challenges in developing P2 purinoceptor-based therapeutics; Summing-up; Index of contributors; Subject index

Sommario/riassunto

Many different pathological conditions are currently under investigation as therapeutic targets of purines including cancer, cardiovascular conditions, behavioural disorders, inflammation, immunoregulation, and neuroendocrine function. This book draws together research on all aspects of P2 purinoceptors and discusses their use in different therapeutic areas.