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Nota di contenuto	Cyclooxygenase-2 inhibitor and gastric cancer / Yumin Li, Raaj K. Praseedom, and Andrew Butler et al. -- Prevention and chemoprevention of gastric cancer : dietary habits, Helicobacter pylori and COX-2 inhibitors / Gerardo Nardone and Alba Rocco -- Cyclooxygenases in cancer / Daniela Fodera ... et al. -- Nephrotoxicity of nonsteroidal anti-inflammatory drugs : focus on selective cyclooxygenase-2 (COX-2) inhibitors / Steven G. Coca and Mark A. Perazella -- Are COX-2 inhibitors active on intracellular oxidative processes? A study on in vitro and cellular models / Ange Mouithys-Mickalad et al. -- Theoretical mechanism studies on dual inhibition of human cyclooxygenase-2 and 5-lipoxygenase by diaryl-pyrrolizine derivatives / R. Pouplana, C. Perez, and J. Ruiz -- NSAIDs in animal models of Alzheimer's disease / N.G. Giovannini, C. Scali, and A. Bellucci -- Relevance of COX-2 inhibitors in Alzheimer's disease / Amita Quadros, Laila Abdullah, and Nikunj Patel et al. -- COX. 1-COX.2 simultaneous inhibitory mechanism in gastric injury and COX. 2-COX.3 in small intestine injury / Laudanno Oscar -- Effects of COX-2 inhibitors on brain diseases / Takako Takemiya -- Cyclooxygenase-2 overexpression and the chemopreventive and therapeutic uses of cyclooxygenase inhibitors in lung cancer / Zhongxing Liao et al. -- Safety monitoring of celecoxib and rofecoxib in the New Zealand intensive medicines monitoring programme / David Coutler et al.

## Sommario/riassunto

COX-2 Inhibitors are newly developed drugs for inflammation that selectively block the COX-2 enzyme. Blocking this enzyme impedes the production of the chemical messengers (prostaglandins) that cause the pain and swelling of arthritis inflammation. Cox-2 inhibitors are a new class of nonsteroidal anti-inflammatory drugs (NSAIDS). Because they selectively block the Cox-2 enzyme and not the Cox-1 enzyme, these drugs are uniquely different from traditional NSAIDS. This new book explores new research in this field.

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