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| Collana | Cell biology research progress<br>Cancer etiology, diagnosis and treatments |
| Altri autori (Persone) | NguyenSusan D |
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| Livello bibliografico | Monografia |
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| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Aflatoxin B1 and acetaldehyde mutational patterns in the tumour suppressor gene TP53 : experimental fingerprints using a functional assay and relevance to human cancer aetiology / Vincent Paget, Mathilde Lechevrel, Francois Sichel -- Curative therapy for terminal cancer? / Doug Dix -- Breast cancer screening by methylation analysis of tumor suppressor genes in breast fluid / J.S. de Groot ... [et al.] -- Rab GTPases as potential tumor suppressors / Christelle En Lin Chua ... [et al.] -- Regulation of neutrophil function by tumor suppressor PTEN / Subhanjan Mondal, Hongbo R. Luo -- Emerging roles of BRIT1/MCPH1 in genome maintenance and tumor suppression / Guang Peng, Shiaw-Yih Lin --<br>The role of histone deacetylase (HDAC) and EZH2 in oncogenesis : epigenetic silencing of tumor suppressors / Junpei Yamaguchi, Motoko Sasaki, Yasuni Nakanuma -- Functions of Kank1 and carcinogenesis / Naoto Kakinuma ... [et al.] -- The relationship between microRNA and tumor suppressors / Douglus Wu, Mary Waye -- How does tumor suppressor FHIT modulate oxidative stress and DNA damage checkpoints in early cancer? / Hideshi Ishii, Toshiyuki Saito -- Role of the tumor suppressor PDCD4 in the differentiation of the skin / Sachiko Matsuhashi, Takeshi Okawa, Yutaka Narisawa. |
| Sommario/riassunto | A tumour suppresser gene, or anti-oncogene, is a gene that protects a cell from one step on the path to cancer. When this gene is mutated to |

cause a loss or reduction in its function, the cell can progress to cancer, usually in combination with other genetic changes. This book presents topical research data in the study of tumour suppressers.