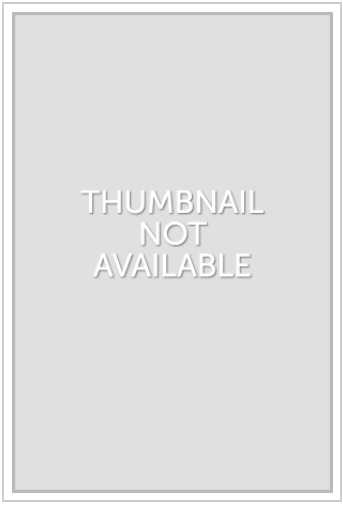

Thermosensitive Nanocarrier for Pulse Drug Release in Cancer Therapy

By Moumita Kundu

LAP Lambert Academic Publishing Dez 2017, 2017. Taschenbuch. Condition: Neu. Neuware - Cancer is the second deadly disease worldwide. According to the report of WHO, it causes 8.8 million deaths in 2015 globally. Moreover, limited numbers of options are available for cancer treatment in developing countries as efficient applications are not possible in all cases. Therefore smart delivery systems are required to develop for effective cancer therapy. Two points are very crucial for successful cancer therapy: i) improvement of drug's efficacy and ii) low cytotoxicity on normal cells. In this book, smart nanocarrier has been developed for the purpose of paclitaxel release in response of temperature change during hyperthermia treatment. Higher temperature of hyperthermia synergistically improves the efficacy of paclitaxel and using local hyperthermia its toxic effects on normal cells can be reduced. 172 pp. Englisch.

Reviews

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