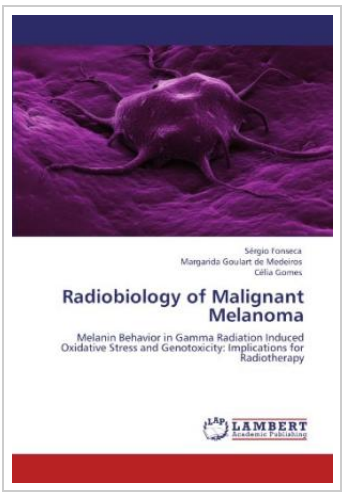

Radiobiology of Malignant Melanoma

By Fonseca, Sérgio / Goulart de Medeiros, Margarida

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Melanin Behavior in Gamma Radiation Induced Oxidative Stress and Genotoxicity: Implications for Radiotherapy | The goals of the present work are to evaluate the sensitizing/protective effect of melanin in the cytotoxicity and genotoxicity of ionizing radiation, including induced oxidative stress modulation in malignant melanoma cells in presence and absence of melanin, and to interpret obtained results in the perspective of melanoma or other malignancies radiotherapy. The biological effects of ionizing radiation interaction are explored with special focus on the biologic effects of radiation in normal and melanoma cells and the interaction of melanin with the damage caused by ionizing radiation (IR). Melanin is a class of pigments present in almost all living beings. Melanin protection against UV radiation is widely acknowledged, but not completely understood; some recent studies claim that melanin can also play an in important role in protection against ionizing radiation. However, other studies evidenced that melanogenesis may be a source of reactive substances, some of them carcinogenic. This study is an attempt to clarify which behavior prevails in IR-exposed cells. | Format: Paperback | Language/Sprache: english | 84 pp.

Reviews

An incredibly awesome publication with perfect and lucid reasons. It can be writter in simple phrases and not confusing. I am just delighted to let you know that this is actually the very best publication i actually have study during my very own lifestyle and could be he best publication for actually.

-- ***Paula Gutkowski***

Thorough guide! Its this sort of excellent read. It is really simplified but unexpected situations in the 50 % in the book. You are going to like just how the blogger create this publication.

-- ***Prof. Lela Steuber***