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Altri autori (Persone)	Wolstenholme G. E. W (Gordon Ethelbert Ward) O'Connor Cecilia M <1927-> (Cecilia Mary)
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Soggetti	Ionizing radiation - Physiological effect Cell metabolism
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Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	IONIZING RADIATIONS AND CELL METABOLISM; CONTENTS; Chairman's opening remarks; Cytoplasmic and nuclear structure in relation to metabolic; Discussion; The effects of ionizing radiations on enzymes in vitro; Discussion; The activity of enzymes and coenzymes in irradiated tissues; Discussion; Effects of X-rays and radiomimetic agents on nucleic acids and nucleoproteins; Discussion; Oxidative phosphorylation in some radiosensitive tissues after irradiation; Discussion; The effects of extraneous agents on cell metabolism; Discussion; The influence of oxygen on radiation effects; Discussion The influence of chemical pre- and post-treatments on radiosensitivity of bacteria, and their significance for higher organisms Discussion; Postirradiation treatment of mice and rats; Discussion; Studies on the mechanism of protein synthesis; Discussion; Nucleic acids and amino acid incorporation; Discussion; Protein synthesis in protoplasts; Discussion; Influence of radiation on DNA metabolism; Discussion; The influence of radiation on the metabolism of ascites tumour cells; Discussion; Influence of radiation on metabolism of regenerating rat

liver; Discussion

The induction of chromosomal aberrations by ionizing radiation and chemical mutagens Discussion; Primary sites of energy deposition associated with radiobiological lesions; Discussion; Effects of radiation and peroxides on viral and bacterial functions linked to DNA specificity; Discussion; General Discussion; Chairman's closing remarks
