

- Goldblith, S.A. (1971):** The inhibition and destruction of the microbial cell by radiation. "Inhibition and Destruction of Microbial Cell". (Hugo, W.B. Ed.), Academic Press, London and New York.
- Goodhead, D.T. (1987):** In "Biophysical Models of Radiation Action, Introductory activity". (Fielden, F.H. Ed), PP. 928-933, Academic Press, New York.
- Grecz, N; Rowley, D.B. and Matsuyama, A. (1983):** The action on bacteria and viruses, In "Preservation of Food by Ionizing Radiation". E.S. Josephson and M.S. Peterson (Eds), CRC Press, Boca Raton, FL.
- Grezelinska, E.; Bartosz, G.; Gwozdzinski, K. and Leyko, W. (1979):** Aspin-Label Study of effect of gamma radiation on erythrocyte membrane. Influence of lipid Peroxidation on membrane structure. Int. J. Rad., 36, 325.
- Habbs, C.H. and Mccellam, R. O. (1975):** In "Toxicology, The Basic Science of Poisons". (Cararett, L.J. and Baull, J. Eds) PP. 390, Macmillan Publishing Co., New York.
- Halasz, A.; Badaway, A.; Sawinsky, J.; Kozma-Kovacs, E. and Beczner, J. (1989):** Effect of gamma-irradiation on F-2 and T-2 toxin production in corn and rice. Folia Microbiol. (Praha) 34(3), 228-32.
- Hammad, A.A.I. (1995):** Shelf-Life extension of strawbernes by combination of some preservatives and irradiation. Egypt J. Food Sci., 23, No.3, P. 217-227.
- Hammad, A.A.I.; El-Mongy, T.M.; Abu-Shady, M.R. and Taha, S.M. (1995):** Microbiol changes in strawberries treated with gamma irradiation to improve their quality. Egypt J. Food Sci., 23, No.1-2, pp. 117-132.

- Hammed, D.A. (2001):** Microbiological and chemical studies on some irradiated medical plants. M.Sc. Thesis, Botany Dept., College of Women, Ain Shams Univ., Cairo, Egypt.
- Hartman, P.E.; Hartman, Z. and Gitardi, M.J. (1988):** Ergothionine, Histidine, and two naturally occurring histidine di-peptides as radio-protectors against gamma-irradiation inactivation of bacteriophage T4 and P<sub>22</sub>. *Rad. Res.*, 114, 319-300.
- Hassanein, W.A.A. (1994):** Studies on the biological changes induced by certain antibiotics and gamma radiation for certain bacteria. Ph.D. Thesis, Dept. of Botany, Faculty of Sci., Zagazig Univ., Egypt.
- Hegazi, M.F.; Shahin, A.A.M.; Shehata, S.T. and Atwa, M.A.M. (2000):** Using gamma radiation to control decay and reduce post harvest losses of grapes and tomatoes. *Az. J. Microbiol.*, Vol. 47, 74-88.
- Hieda, K.; Kobayashi, K.; Ito, A. and Ito, I. (1984):** Comparisons of the effects of vacuum-UV and Far-UV synchrotron radiation on dry yeast cells of different UV sensitivities. *Rad. Res.*, 74-98.
- Howard, P. (1958):** Physical and chemical mechanisms in injuring of cells by ionizing radiation. *Adv. Biol. Med. Phys.*, 6, 553-558.
- Hussein, H.A. (1984):** Gamma radiation effects on the microflora of some food species. M.Sc. Thesis, Faculty of science, Ain Shams Univ., Egypt.
- Hutchinson, V. (1961):** Sulfhydryl groups and the oxygen effect on irradiated solutions of enzymes and nucleic acids. *Rad. Res.*, 14, 721.
- IAEA (1970):** Manual of Mutation Breeding, 119, 21, Vienna.

- IAEA (1973):** The effects of ionizing radiation on bacteria. In "Manual on Radiation Sterilization of Medicinal and Biological Materials". Technical reports Series No. 149, International Atomic Energy Agency, Vienna.
- Ingram, M. and Roberts, T.A. (1980):** Ionizing radiation. In Microbiol Ecology of Foods. "Vol. I", P.46 (ICMSF, Ed), Academic Press, New York.
- Ito, H.; Watanabe, H.; Takehisa, M. and Lizuka, H. (1983):** Isolation and identification of radiation resistant cocci belonging to the genus *Deinococcus* from sewage sludge and animal feed. Agric. Biol. Chem., 47 (6), 1239.
- Jacqueline, E.F.; Braun, E.F.; Sarquis, F.; Vincen T., M. Lafleur, M. and Retel, J. (1996):** Effect of the sulfhydryl compound cysteamine on gamma-radiation induced mutation in double strand M13. Mut. Res., 364, 171-182.
- Kamat, A.S. and Pardhan, D.S. (1987):** Involvement of Ca and DPA in resistance of *B. Cereus* BIS-59 spore to U.V. and gamma-radiation. Int. J. Rad. Biol. Relatstud. Phys. Chem. Med., 51(1), 7-18.
- Kamp, J. (1986):** Cell kinetics and radiation biology. Int. J. Rad Biol., 49: 357-380.
- Kaplan, H.S. and Zavarine, R. (1962):** Correlation of bacterial radio-sensitivity and DNA base composition. Biochem. Biophys. Res. Commun., 8(6), 432-436.
- Kiefer, J. (1990):** Biological Radiation Effects. PP. 159-163. Springer-Vorlag Berlin-Heidelberg.
- Kirn, J.H.; Sac, Y.G.; Yoon, S.C. and Hee, J. (1968):** Studies on the cellular metabolism in microorganisms as influenced by gamma irradiation. Korean, J. Microbiol., 6, 54.

- Koburger, J.A. and Marth, E. (1984):** Yeast and Molds. In speck, M. (Ed), "Compendium of Methods for the Microbiological Examination of Foods". APHA, Inc., Washington, D.C., P.197.
- Kohler, P. and Marahiel, A.M. (1997):** Association of the histone-Like protein HBSu with the nucleoid *B. subtilis*. J. Bact., 3, 2060-2064.
- Koshikawa, T.; Sone, K. and Kobayashi, T. (1993):** A simple identification method for spore forming bacteria showing high resistance against gamma rays. Radioisotopes, 42 (11), 614-623.
- Kulik M.M. and Justice, O.L. (2004):** Survival of two storage fungi after gamma radiation of host seeds. Radiation Botany V. (6), I. (5), PP. 407-412.
- Lawrence D.E. (1971):** In "Cellular Radiobiology" (Lawrence. D.E. Ed Williams Sons, Ltd. London).
- Ley, F.J. (1973):** The effect of ionizing radiation on bacteria. In: "Radiation Sterilization of Medical and Biological Materials", PP. 37-63, IAEA, Vienna.
- Loahranu, P.C. (1995):** Food irradiation, current status and future prospects, In New Methods of Food Preservation. (G.W. Grould, Ed.), Blakie Academic and Professional, London.
- Lorenz, K. (1975):** Irradiation of cereal grains and cereal grain, products CRC Critical Review in food science. Nutrition, 6, 317-82.
- Lye, M.K.; Susan, M.V.; Preston, H. and Kwong, K.W. (1999):** Targeted mutagenesis by duplication insertion in radio-resistant bacterium *D. radiodurans*. Radiation sensitivities of catalase and superoxidedismutase. J. Bact., 181, 666-669.
- Machi, S. (1990):** New trends in radiation processing application in Japan. Proceeding of the Int. Symposium on Radiation Vuleanization of Natural Rubber Latex, pp. 19-26.