Abstracts

The Relation of Teratogenesis in Tenebrio Molitor to the Incidence of Low-Level Microwaves (Short Papers)

L.M. Liu, F.J. Rosenbaum and W.F. Pickard. "The Relation of Teratogenesis in Tenebrio Molitor to the Incidence of Low-Level Microwaves (Short Papers)." 1975 Transactions on Microwave Theory and Techniques 23.11 (Nov. 1975 [T-MTT]): 929-931.

The teratogenic effects of irradiation by low-level microwaves have been studied using the pupae of the darkling beetle Tenebrio molitor. For exposures of 2-h duration, statistically significant increases in teratogenesis were observed at waveguide power levels down to 200 μW; the pupation time increased monotonically with the power. Exposures of various durations and powers at a constant dosage of 4 mW/h strongly suggested that it is the total dosage which determines the level of teratological damage.

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