

Yosef Shiloh, Ph.D.

## **Publications**

### **Book:**

**Shiloh, Y.** (1991) *The New Genetics*. Publications of the Ministry of Defense, Government of Israel (Hebrew).

### **Book (co-editor):**

Khanna, K.K. and **Shiloh, Y.** (2009) *The DNA Damage Response: Implications on Cancer Formation and Treatment*. Springer.

### **Guest Editor:**

2004: "Bridge over Broken Ends", Special issue of *DNA Repair* on the Cellular Response to DNA Breaks.

### **Peer-Reviewed Articles**

1. **Shiloh, Y.** and Cohen, M.M. (1978) An improved technique for preparing bone marrow specimens for cytogenetic analysis. In Vitro, 14:510-515.
2. Cohen, M.M. and **Shiloh, Y.** (1978) Genetic toxicology of LSD. Mutation Res., 47:183-209.
3. **Shiloh, Y.**, Naparstek, B. and Cohen, M.M. (1979) Chromosomal aberrations in bone marrow specimens of malignant and pre-leukemic states. Isr. J. Med. Sci., 15:500-506.
4. **Shiloh, Y.** and Becker, Y. (1981) Kinetics of O<sup>6</sup>-methylguanine repair in human normal and ataxia-telangiectasia cell lines and correlation of repair capacity with cellular sensitivity to methylating agents. Cancer Res., 41:5114-5120.
5. Ben-Hur, E., Kol, R., Heimer, Y. M., **Shiloh, Y.**, Tabor, E. and Becker, Y. (1981) An apparent correlation between the inhibition of induced ornithine decarboxylase activity by radiation and the capacity for DNA repair synthesis in normal and ataxia-telangiectasia fibroblasts. Radiat. Environ. Biophysics, 20:21-28.
6. **Shiloh, Y.**, Tabor, E. and Becker, Y. (1982) Cellular hypersensitivity to neocarzinostatin in ataxia-telangiectasia skin fibroblasts. Cancer Res., 42:2247-2249.

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11. **Shiloh, Y.**, Tabor, E. and Becker, Y. (1983) Repair of potentially lethal and sublethal damage induced by neocarzinostatin in normal and ataxia-telangiectasia skin fibroblasts. Biochem. Biophys. Res. Commun., 110:483-490.
12. Heimer, Y., Kol, R., **Shiloh, Y.** and Riklis, E. (1983) Psoralen plus near ultraviolet light: a possible new method for measuring DNA repair synthesis. Radiation Res., 95:541-549.
13. **Shiloh, Y.**, van der Schans, G.P., Lohman, P.H.M. and Becker, Y. Induction and repair of DNA damage in normal and ataxia-telangiectasia fibroblasts treated with neocarzinostatin. Carcinogenesis, 4:917-921.
14. **Shiloh, Y.**, Tabor, E. and Becker, Y. (1983) Abnormal response of ataxia-telangiectasia cells to agents that break the deoxyribose moiety of DNA via a targeted free radical mechanism. Carcinogenesis, 4:1317-1322.
15. **Shiloh, Y.**, Tabor, E. and Becker, Y. (1984) Cells from patients with ataxia-telangiectasia are abnormally sensitive to the cytotoxic effect of a tumor promoter, phorbol-12-myristate-13-acetate. Mutation Res., 149:283-286.
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26. Ziv, Y., Amiel, A., Jaspers, N.G.J., Berkel, A.I. and **Shiloh, Y.** Ataxia telangiectasia: a variant with altered in vitro phenotype of fibroblast cells. Mutation Res., 210:211-219.
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### **Invited Reviews and Commentaries**

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