

## COMPLETE PUBLICATIONS

### Text Book

Editor of "Advances in DNA Damage and Repair; Oxygen Radical Effects, Cellular Protection and Biological Consequences", Plenum Publ. Corp., New York, 1999.

### Papers Published in Peer-Reviewed Journals and Books

1. Dizdaroglu M., Scherz, H., and von Sonntag, C., " $\gamma$ -Radiolysis of meso-Erythritol in Aqueous Solution," Z. Naturforsch. 27b, 29-41 (1972).
2. von Sonntag, C., and Dizdaroglu, M., "Radical Chain Reactions in Crystalline alpha-Lactose Monohydrate," Z. Naturforsch. 28b, 367-368 (1973).
3. Dizdaroglu, M., von Sonntag, C., Schulte-Frohlinde, D., and Dahlhoff, W.V., "Radiation Chemical Preparation of 5-Deoxylactobionic Acid," Liebigs Ann. Chem. 1592-1594 (1973).
4. Dizdaroglu, M., and von Sonntag, C., " $\gamma$ -Radiolysis of Cellobiose in N<sub>2</sub>O-saturated Aqueous Solution, Part I. Identification of the Products," Z. Naturforsch. 28b, 635-646 (1973).
5. Dizdaroglu, M., Henneberg, D., and von Sonntag, C., "The Mass Spectra of TMS-Ethers of Deuterated Polyalcohols. A contribution to the Structural Investigation of Sugars," Org. Mass Spectr. 8, 335-345 (1974).
6. von Sonntag, C., Neuwald, K., and Dizdaroglu, M., " $\gamma$ -Radiolysis of 2-Deoxy-D-Ribose in the Crystalline State. Conversion of 2-Deoxy-D-Ribose into 2,5-Deoxy-D-erythro-pentonic Acid via a Chain Reaction," Radiat. Res. 58, 1-8 (1974).
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10. Dizdaroglu, M., Leitich, J., and von Sonntag, C., "Conversion of D-Fructose into 6-Deoxy-threo 2,5-hexodiulose by  $\gamma$ -Irradiation. A Chain Reaction in the Crystalline State," Carbohydr. Res., 47, 15-23 (1976).
11. Dizdaroglu, M., Neuwald, K., and von Sonntag, C., "Radiation Chemistry of DNA Model Compounds, IX. Carbohydrate Products in the  $\gamma$ -Radiolysis of Thymidine in Aqueous Solution. The Radical Induced Scission of the N-Glycosidic Bond," Z. Naturforsch. 31b, 227-233 (1976).

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12. von Sonntag, C., Dizdaroglu, M., and Schulte-Frohlinde, D., " $\gamma$ -Radiolysis of Cellobiose in  $N_2O$ -Saturated Aqueous Solution, Part II. Quantitative Measurements. Mechanisms of the Radical Induced Scission of the Glycosidic Linkage," *Z. Naturforsch.* 31b, 857-864 (1976).
13. Baugh, P.J., Goodall, J.I., Phillips, G.O., von Sonntag, C., and Dizdaroglu, M., "Radiation Induced Ring Opening in Cyclic Oligosaccharide Hydrates," *Carbohydr. Res.* 49, 313-323 (1976).
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16. Dizdaroglu, M., Schulte-Frohlinde, D., and von Sonntag, C., "Isolation of 2-Deoxy-D-erythro-pentonic acid from an Alkali Labile Site in  $\gamma$ -Irradiated DNA," *Int. J. Radiat. Biol.* 32, 481-483 (1977).
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19. Dizdaroglu, W., Hermes, W., Schulte-Frohlinde, and von Sonntag, C., "Enzymatic Digestion of DNA  $\gamma$ -Irradiated in Aqueous Solution. Separation of the Digests by Ion-Exchange Chromatography," *Int. J. Radiat. Biol.* 33, 563-569 (1978).
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25. Dizdaroglu, M., and Simic, M.G., "Separation of Dipeptides by High-Resolution Gas Chromatography on a Fused Silica Capillary Column After Trimethylsilylation," *Anal. Biochem.* 108, 269-273 (1980).
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