Supplementary Material Information Poly Organotin Acetates against DNA with Possible Implementation on Human Breast Cancer

G.K. Latsis¹, C.N. Banti^{1,*}, N. Kourkoumelis^{2,*}, C. Papatriantafyllopoulou³, N. Panagiotou³, A. Tasiopoulos³, A. Douvalis⁴, A.G. Kalampounias⁵, T. Bakas⁴, S.K. Hadjikakou^{1,*}

- ¹ Section of Inorganic and Analytical Chemistry, Department of Chemistry, University of Ioannina, 45110 Ioannina, Greece
- ² Medical Physics Laboratory, Medical School, University of Ioannina, Greece
- ³ Department of Chemistry, University of Cyprus, 1678 Nicosia, Cyprus
- ⁴ Mössbauer Spectroscopy and Physics of Material Laboratory, Department of Physics, University of Ioannina, Greece
- ⁵ Physical Chemistry Laboratory, Department of Chemistry, University of Ioannina, Greece
- * All correspondence should be addressed to: Dr C.N. Banti (Post Doctoral Fellow); e-mail: cbanti@cc.uoi.gr; Dr. N. Kourkoumelis (Assistant Professor); e-mail: nkourkou@uoi.gr; Professor Dr S.K. Hadjikakou; e-mail: shadjika@uoi.gr; tel. xx30-26510-08374

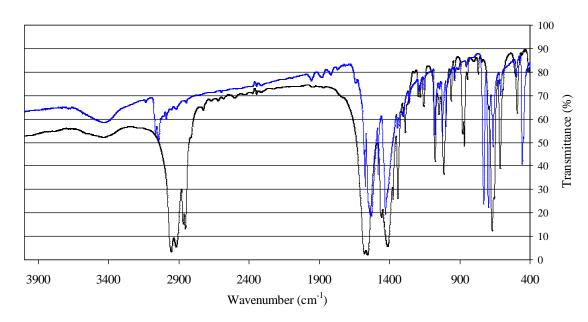


Figure S1. FT-IR spectra of 1 (--) and 2 (--).

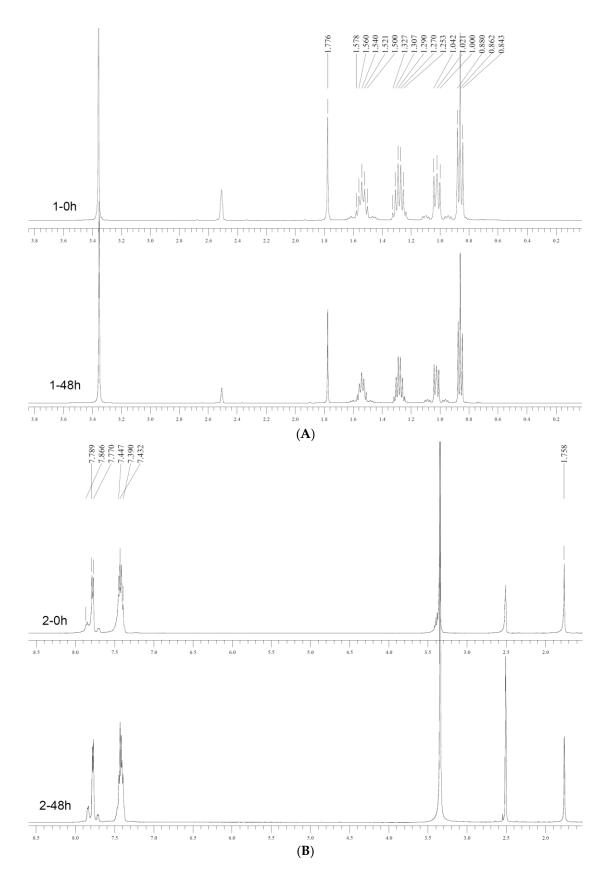
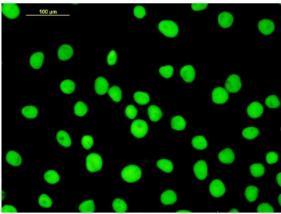


Figure S2. 1 H-NMR spectra of 1 (A) and 2 (B).



Control

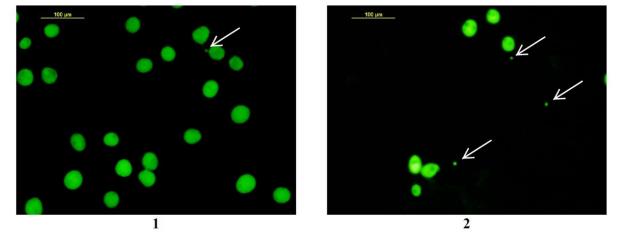


Figure S3. Micronucleus observed in the culture of MRC-5 cells in untreated and treated with **1** and **2** at their IC₅₀ value for a period of 48 h, arrow indicates micronucleus in MRC-5 cells.