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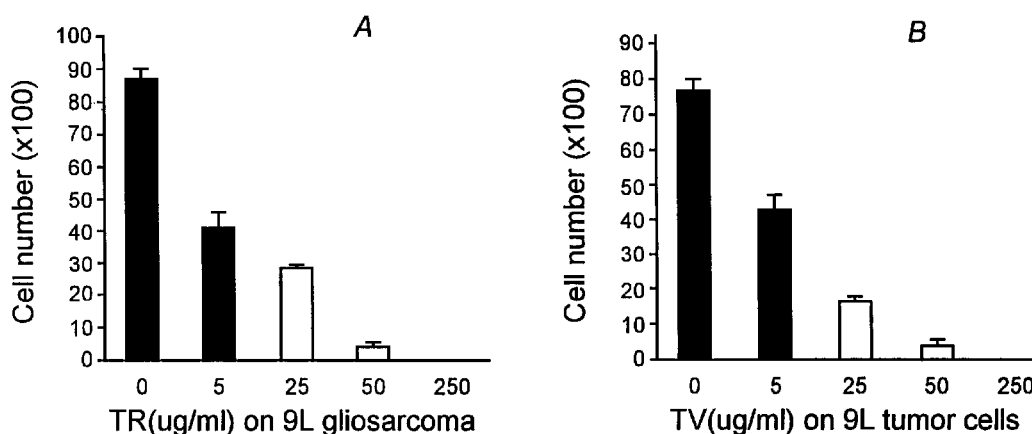
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(54) Title: METHOD FOR TREATING CANCER, VISUALIZING CELL STRUCTURES, AND ISOLATING ORGANELLES USING ORGANELLE CRYSTALLIZING AGENTS



(57) Abstract: This invention provides a method for visualizing cellular organelles using cellular organelle and/or cytoskeleton crystallizing agents (e.g. tetrazolium violet), a method for isolating cellular organelles using cellular organelle and/or cytoskeleton crystallizing agents, a method for detecting dehydrogenase inhibitors using cellular organelle and/or cytoskeleton crystallizing agents, a method for treating cancer in mammals through cellular-organelle-crystallization-induced-death (herein defined as "Cocid"), a method for treating cancer using Cocid inducing agents, pharmaceutical compositions containing a therapeutically effective amount of cocid inducing agents, and compositions containing Cocid inducing agents in combination with a pharmaceutically acceptable carrier, diluent or excipient. Said Cocid inducing agents with or without a pharmaceutically acceptable carrier, diluent or excipient, are used in combination with surgery and/or non-surgical anti-tumor treatments.