

Interaction and cytotoxicity of compounds with human cell lines

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Abstract

The interactions of compounds on human cell lines are either influenced by the composition of substances present in plant material or alteration of constituents by solvent fractionation. These substances or constituents have an influence on the percentage cytotoxicity readings of compounds in human cell culture. Understanding and correlating the relationship between cytotoxicity and other parameters, such as cell death inducing mechanisms, will assist pharmaceutical chemists to synthesize compounds that can target particular ailments with greater efficiency. This will also allow scientists to understand the interaction of compounds with different cell types for different compound fractions.

Biography:

Rishan Singh is a Biologist.