



# Phytochemicals in Cancer with Special Emphasis on Ovarian Cancer

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## Supplementary Information

### Abbreviations:

AP-1: Activator protein-1, ATP: Adenosine triphosphate, Bcl-2: B-cell lymphoma 2, Bcl-xL: B-cell lymphoma-extra large, Bim: Bcl-2-like protein 1 gene, commonly called Bim, CDK: Cyclin-dependent kinase, c-IAP: Cellular inhibitor of apoptosis protein, CKI: Cyclin-dependent kinase inhibitor, COX-2: Cyclooxygenase-2, CTR: Copper uptake protein, DNA: Deoxyribonucleic acid, DR5: Death receptor 5, E2F: Group of genes encode a family of transcription factors in higher eukaryotes, EGF: Epidermal growth factor, EGFR: Epidermal growth factor receptor, EGR-1: Early growth response protein 1, ERK: Extracellular signal regulated kinase, FKHR: Gene for Fork head domain protein, GSH: Glutathione, GST: Glutathione S-transferases, HIF: Hypoxia-inducible factors, HRas: A small G protein in the Ras subfamily, ICAM-1: Intercellular adhesion molecule-1, IGF: Insulin-like growth factor, IGF-BP1: Insulin-like growth factor-binding protein, IKK: IκB kinase, IκB: Inhibitor of NF-κB, IL-1: Interleukin, iNOS: Inducible nitric oxide synthase, JNK: c Jun N-terminal kinase, MAPK: Mitogen-activated protein kinases, MCL1: Myeloid cell leukemia 1 protein, MDR: Multidrug resistance gene, MMR: Mismatch repair, NER: Nucleotide excision repair, NF-κB: Nuclear factor-kappa B, p27KIP1: p27 kinase inhibitor protein 1, p53: Tumour suppressor protein, PARP: Polyadenosine-diphosphate-ribose polymerase, PKB: Protein kinase B, PKC: Protein kinase C, Ras: A protein family members belong to a class of protein called small GTPase, RNA: Ribonucleic acid, ROS: Reactive oxygen species, SOD: Super oxide dismutase, SP1: Specificity protein 1, STAT: Signal transducer and activator of transcription, TNF: Tumour necrosis factor, TRAF: TNF receptor-associated factor, VEGF: Vascular endothelial growth factor