

Oncology

Apoptosis: caspases, BAX, PARP, cytochrome c...

Proliferation: clonogenic assays, cell cycle analysis...

DNA damage: γ H₂AX, TUNEL, micronuclei...

Transcription factors: c-fos, c-jun, NFkB, Stat...

Kinases: JNK1, MAPK, Akt, PKC, p38...

Neurobiology

Transcription factors: CREB, EGR1, c-fos, steroid receptors...

Neurodegeneration: γ -secretase, β -amyloid, Huntingtin, tau...

Regulatory proteins: DARPP-32, synaptophysin, PLC γ , PP2A...

Receptors & Channels: NGFR, nicotinic receptors, mGluR, K⁺ channels...

Toxicology

Cell stress: oxidative stress, HSP70, p38, JNK1...

Cytotoxicity: cell proliferation, membrane integrity, mitochondrial function...

Genotoxicity: γ H₂AX, TUNEL, micronuclei...

Cosmetology

Ingredients characterization: antioxidant, UV protection effects...

Cell viability: propidium iodide, cytox, caspase...

Ecotoxicity: microalgae cytotoxicity, senescence and proliferation...

