

$R = H$

Jerantinine B

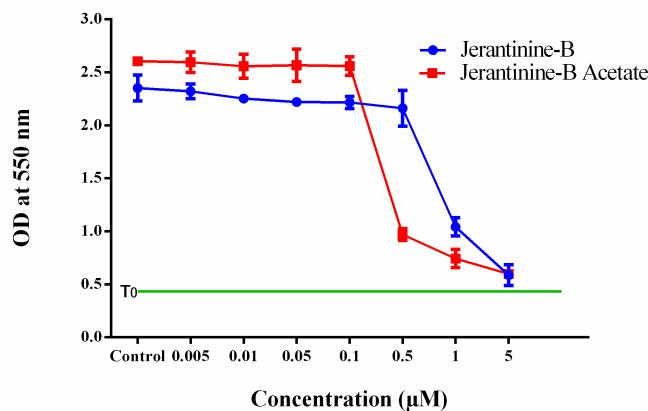
$R = \text{COMe}$

Jerantinine B acetate

Effects of jerantinine B and jerantinine B acetate on cancer cell growth

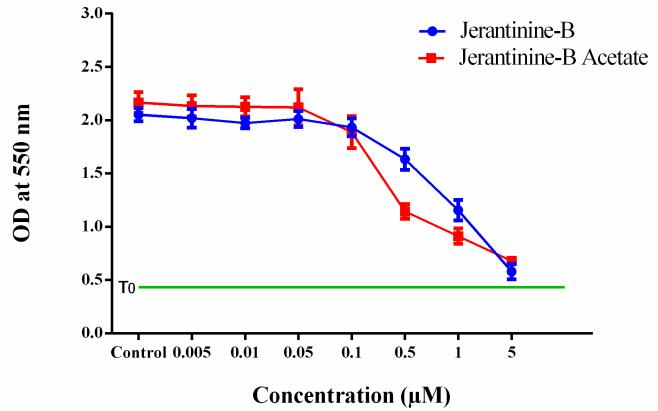
A

HCT-116



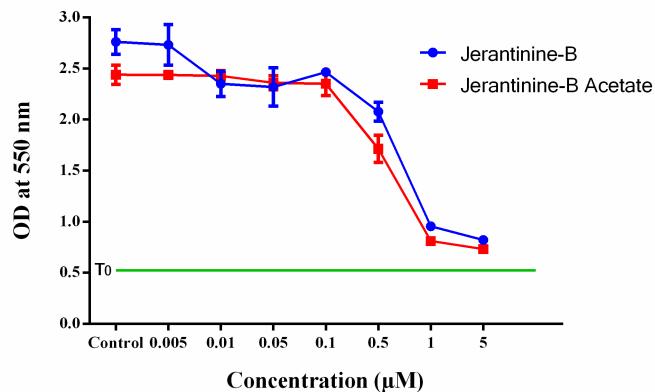
B

MCF-7



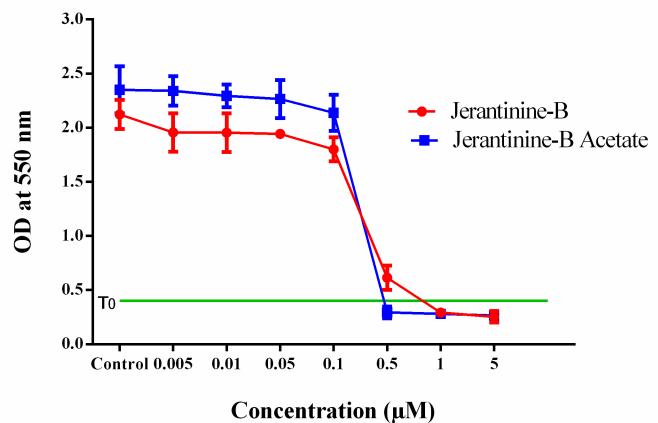
C

A549



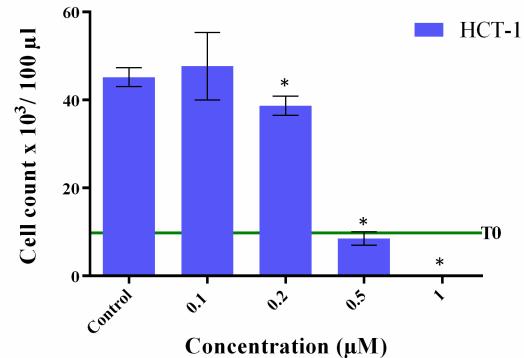
D

Mia PaCa 2



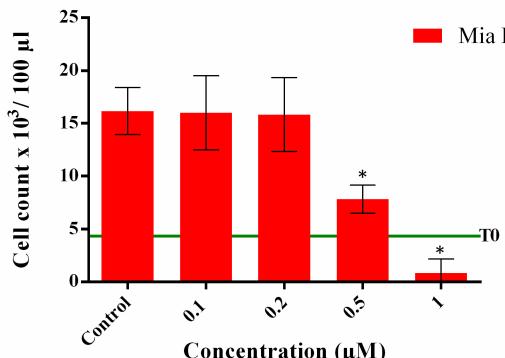
E

HCT-116



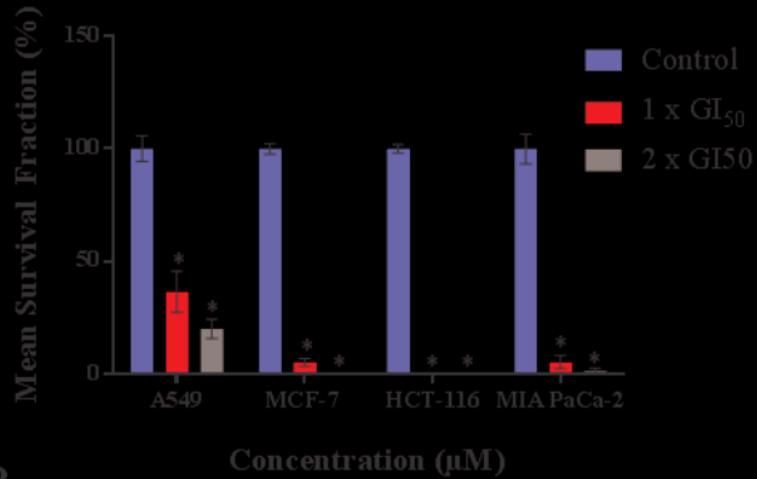
F

Mia PaCa-2

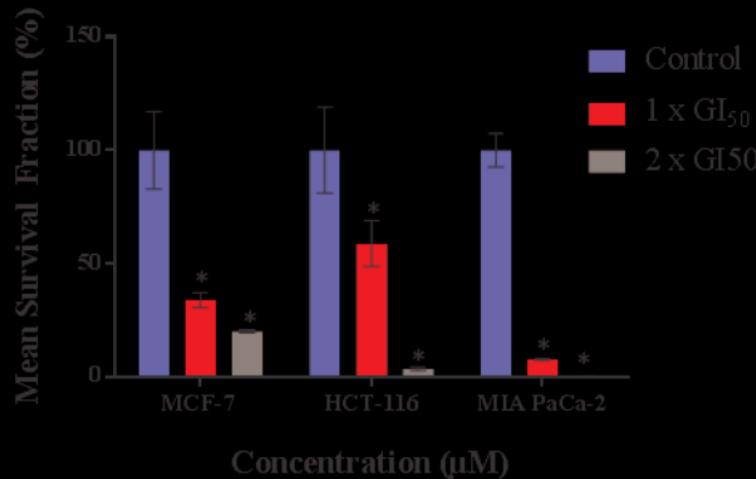


A

Effect of JB on Colony Formation



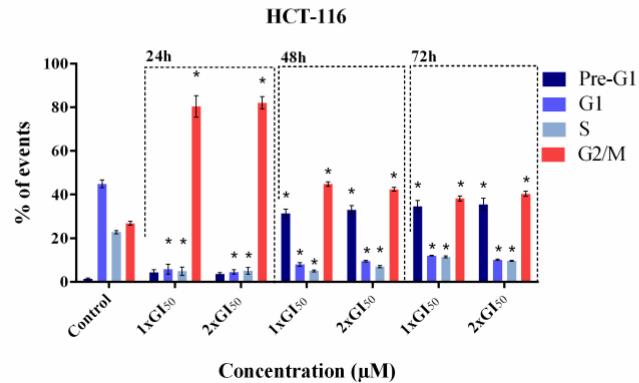
Effect of JBA on Colony Formation

**B**

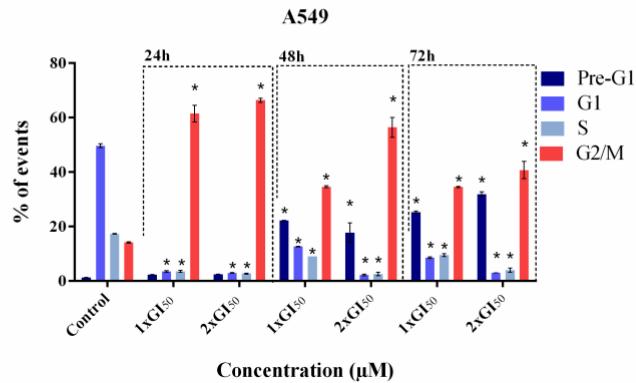
Control 0.7 μM 1.4 μM

Effects of jerantinine B on cell cycle

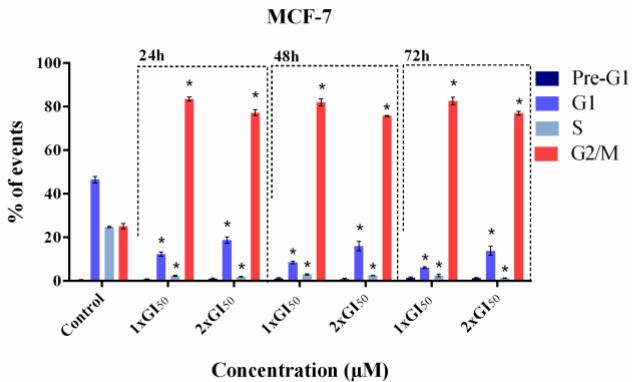
A



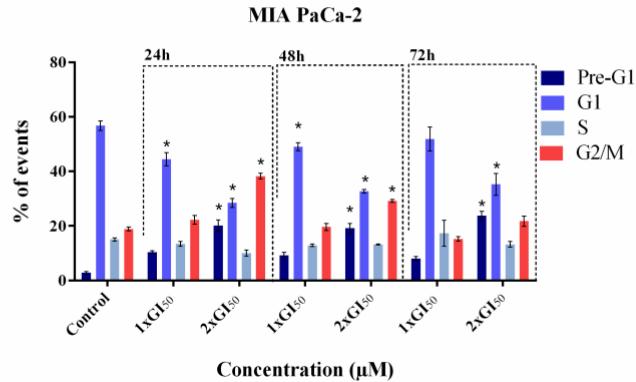
B

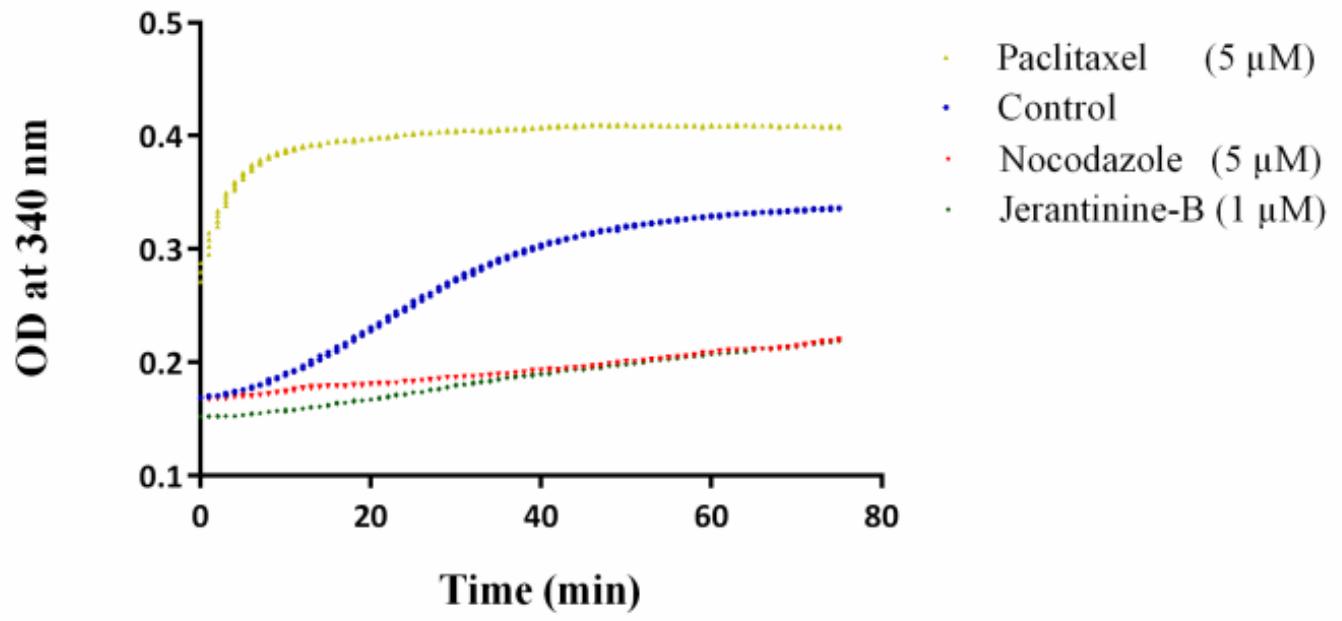
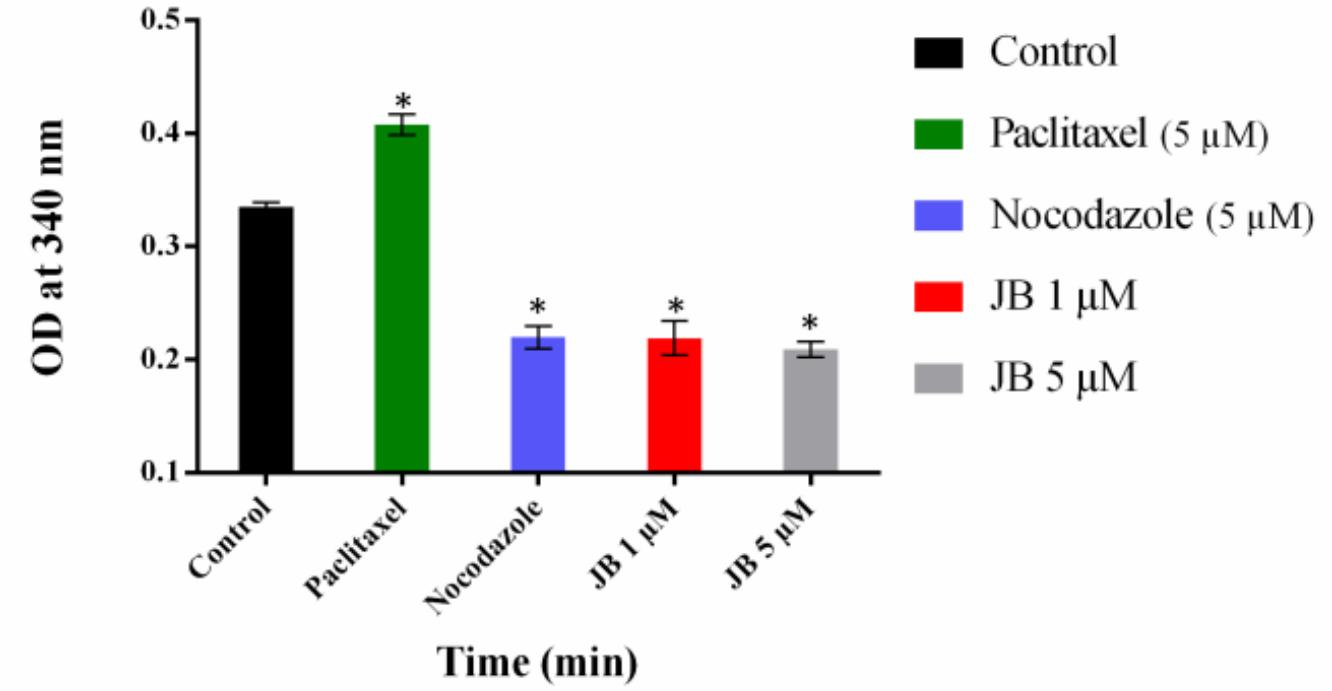


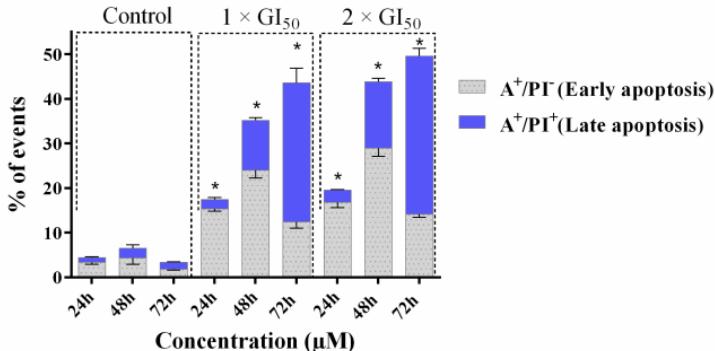
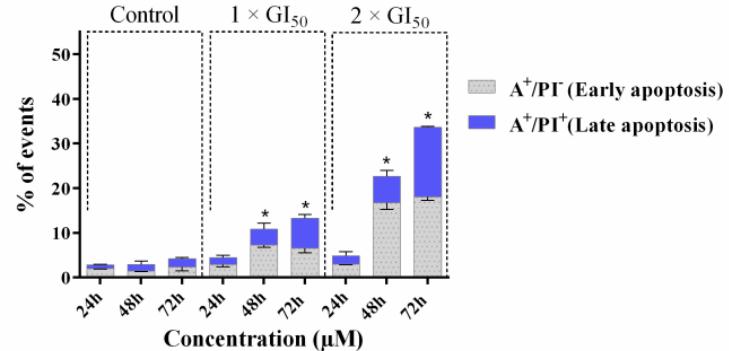
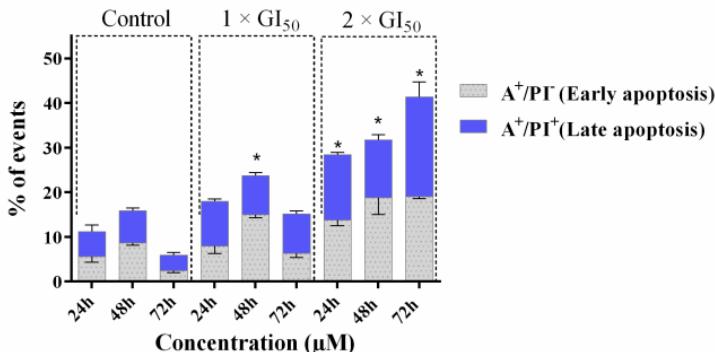
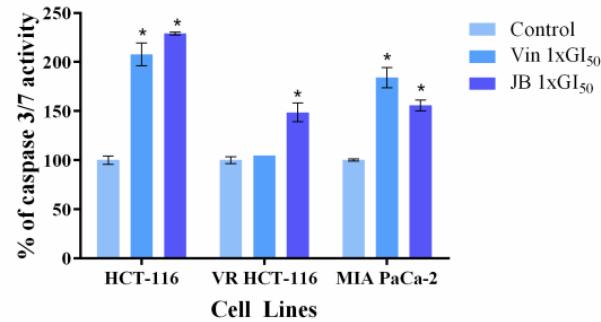
C

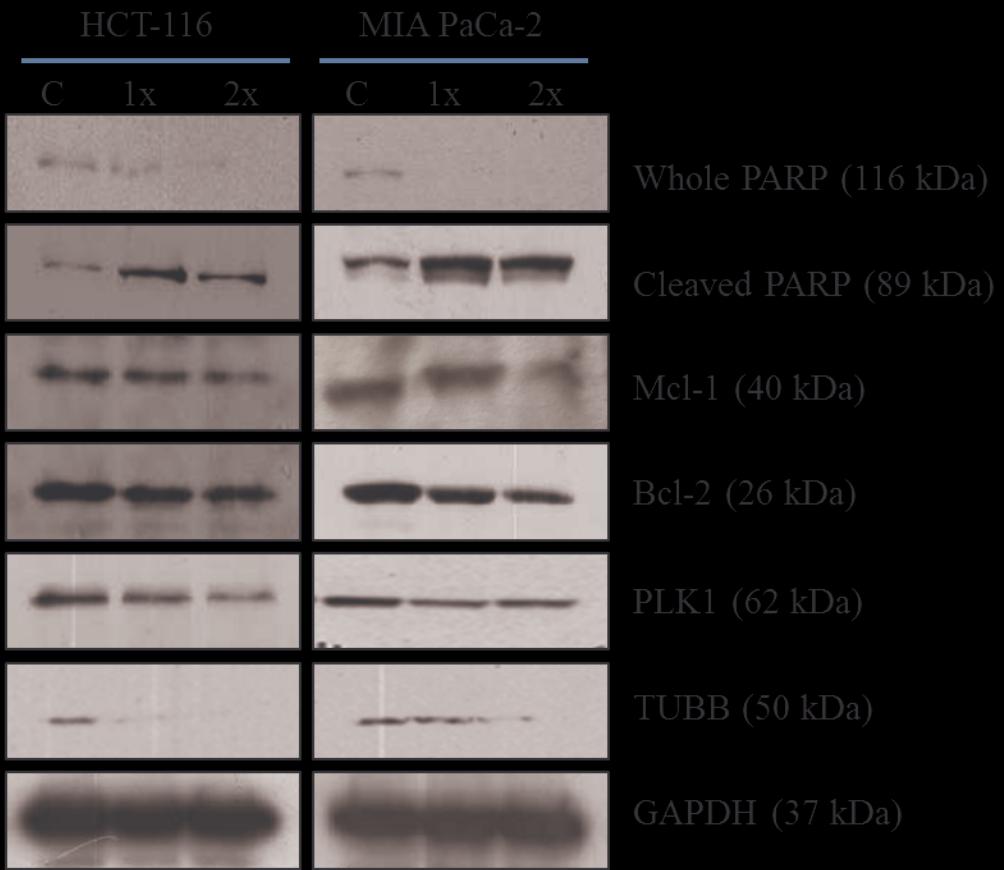


D



A**B**

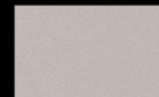
A**HCT-116****B****A549****C****MIA PaCa-2****D**



VR HCT-116

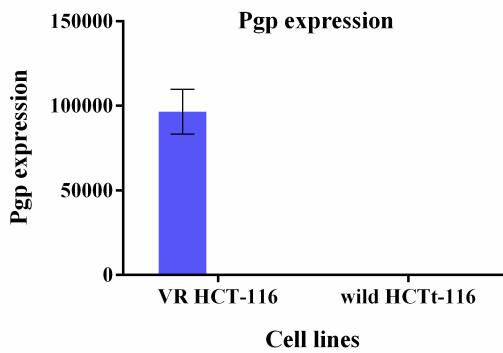
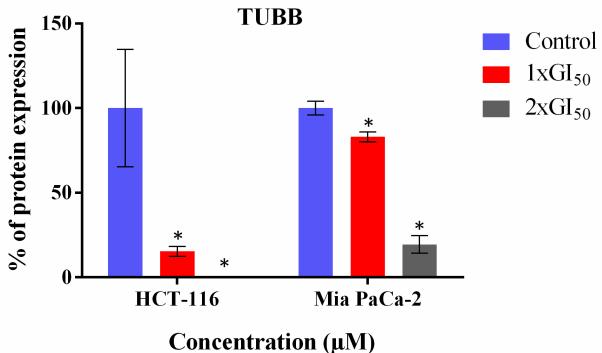
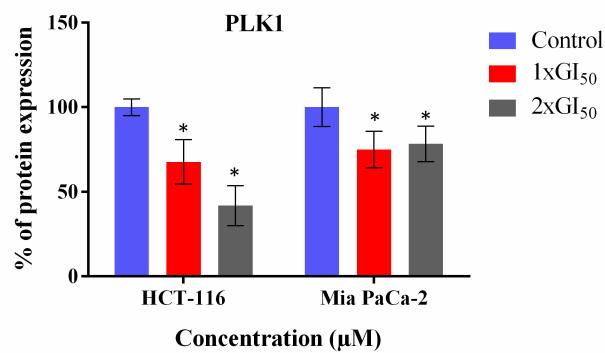
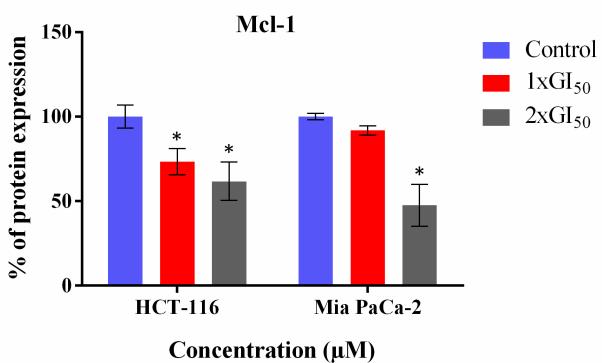
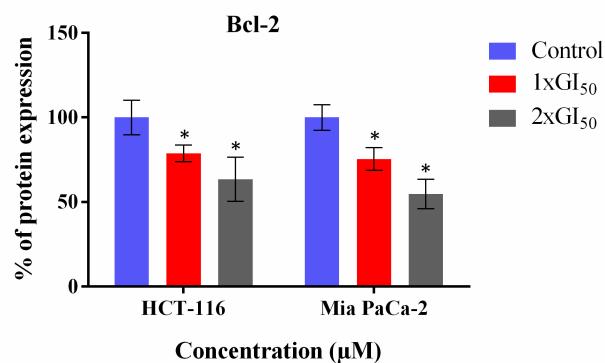
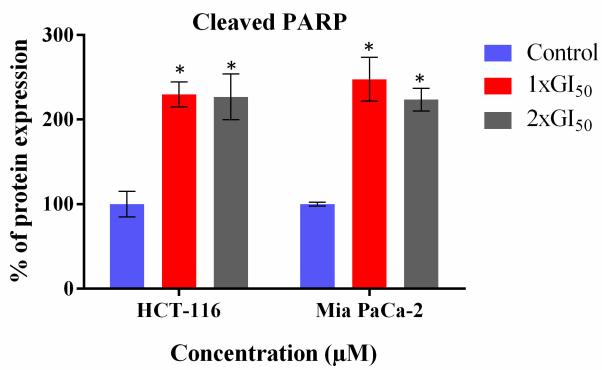
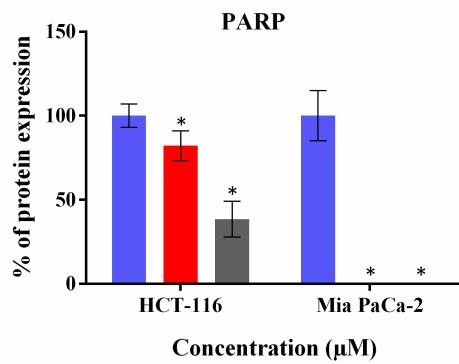


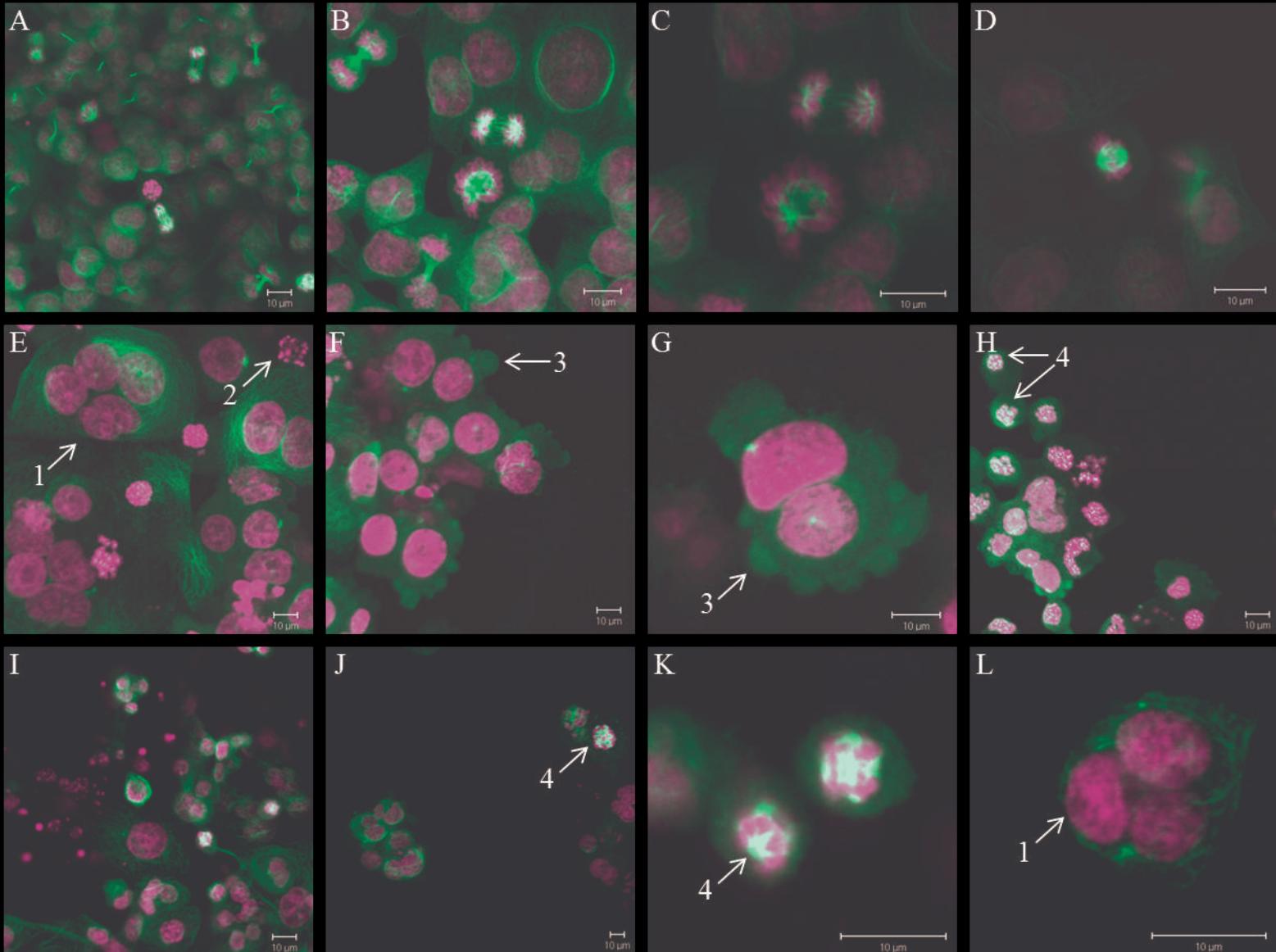
Wild type HCT-116



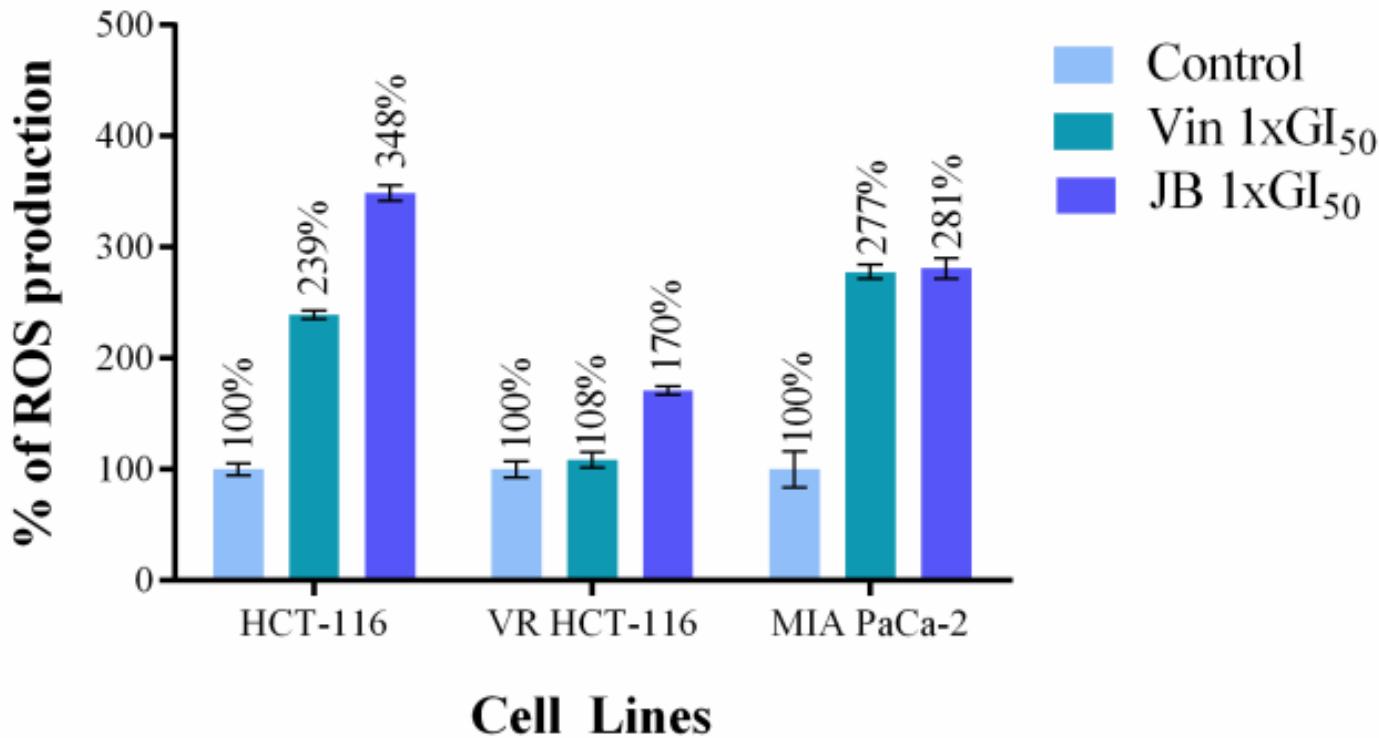
Pgp (170 kDa)

GAPDH

B



Effect of Jerantinine B on cellular ROS Production



Effect of Jerantinine-B on the activity of PLK1

