

Supplementary Materials

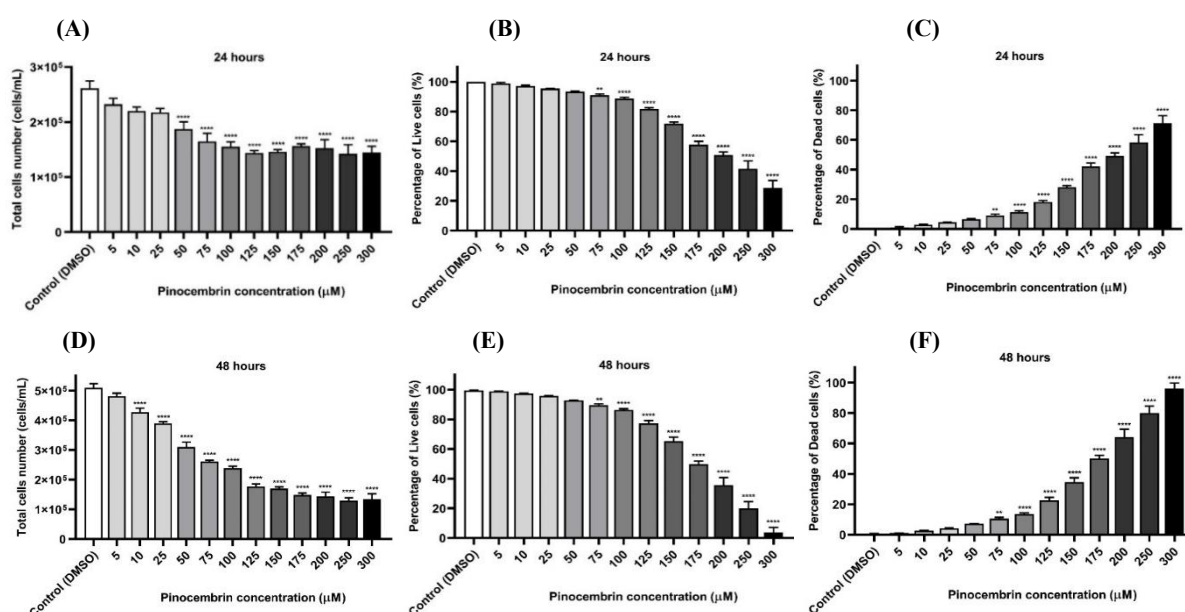
Pinocembrin Suppresses Leukemic Cell Growth through CDK4 Downregulation and Caspase-8 Activation

Narawan Kaewthawee¹ and Sirikalaya Brimson^{2*}

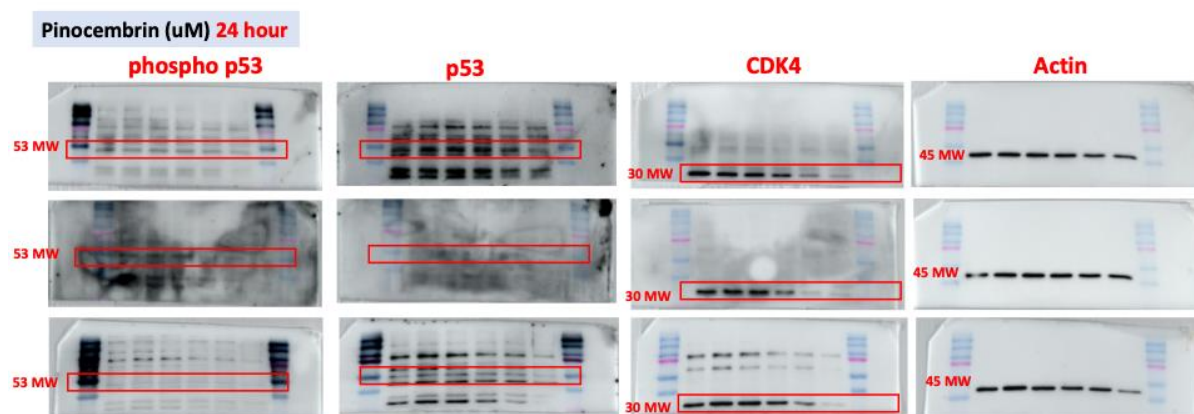
¹ Program in Clinical Hematology Sciences, Department of Clinical Microscopy, Faculty of Allied Health Sciences, Chulalongkorn University, Bangkok 10330, Thailand.

² Department of Clinical Microscopy, Faculty of Allied Health Sciences, Chulalongkorn University, Bangkok 10330, Thailand.

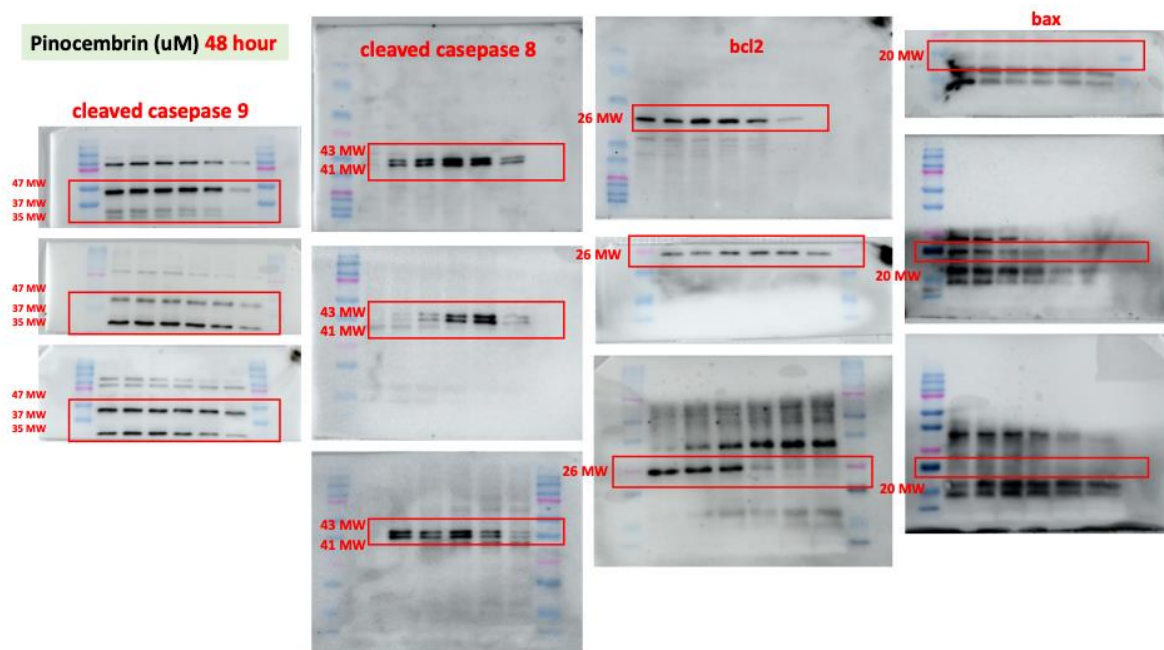
* Corresponding author, email: Sirikalaya.j@chula.ac.th



Sup.Figure.1 The effect of pinocembrin on the viability of Jurkat cells measured using the trypan blue exclusion assay, from at least 3 independent experiments. Total cell number after treatment with pinocembrin for (A) 24 hours and (D) 48 hours. The percentage of live cells after treatment with pinocembrin for (B) 24 hours and (E) 48 hours. The percentage of dead cells after treatment with pinocembrin for (C) 24 hours and (F) 48 hours. Statistical analysis using ANOVA followed by Tukey's *post hoc* test for statistical significance compared with control (** $p < 0.01$, *** $p < 0.001$, **** $p < 0.0001$)



Sup.Figure.2 Full blots of all western blots carried out for Pinocembrin treatment at 24 hours analysis red box shows cropped section for manuscript and analysis.



Sup.Figure.3 Full blots of all western blots carried out for Pinocembrin treatment at 48 hours analysis red box shows cropped section for manuscript and analysis.



Sup.Figure.4 Full blots Actin of all western blots carried out for Pinocembrin treatment at 48 hours analysis red box shows cropped section for manuscript and analysis.