

SUPPLEMENTAL INFORMATIONS

MCF-7

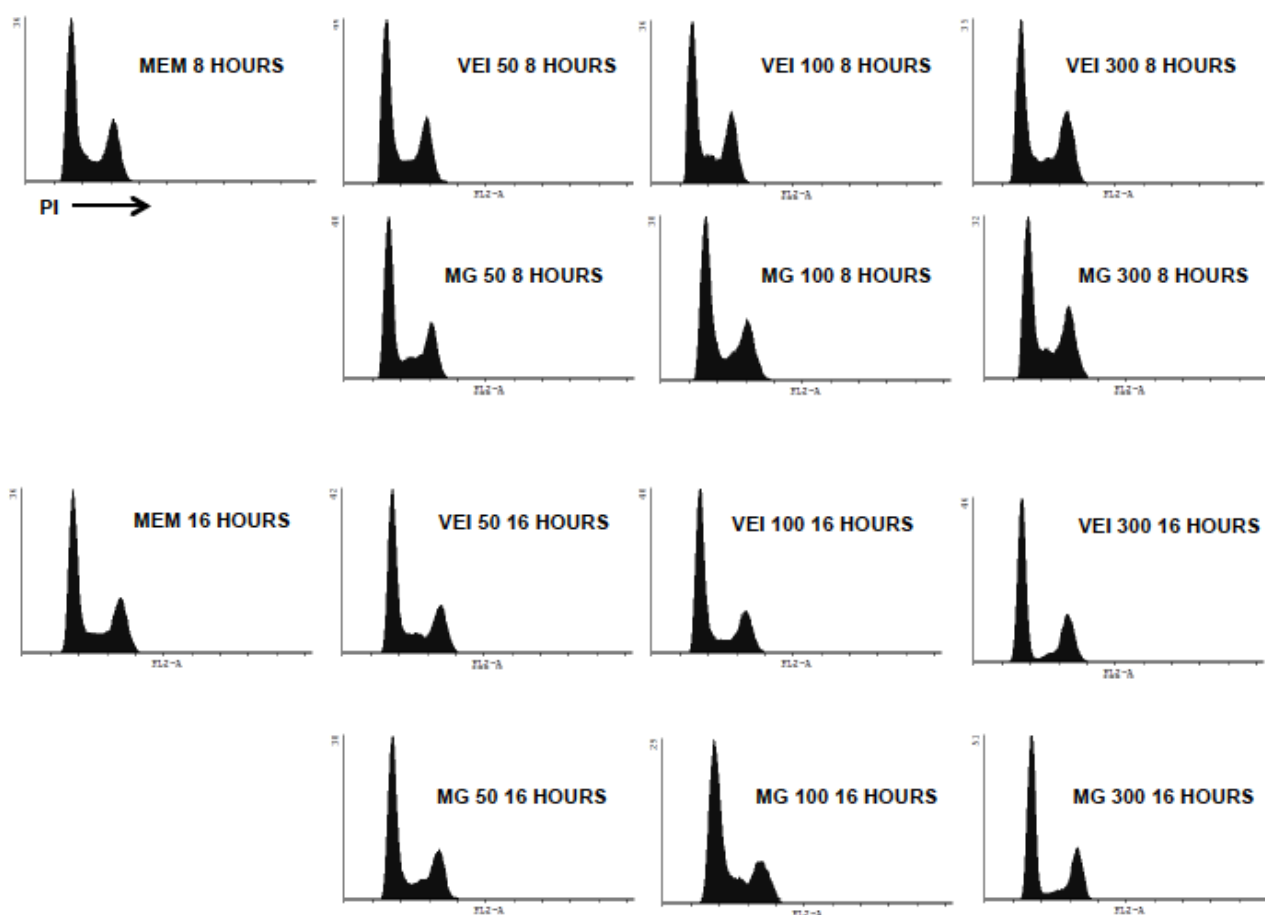


Figure A: Cell cycle analysis of MCF-7 cells by propidium iodide (PI) staining and flow cytometry after treatment with DMSO and 50-300 μ M mangiferin at 8 and 16 h.

MCF10A

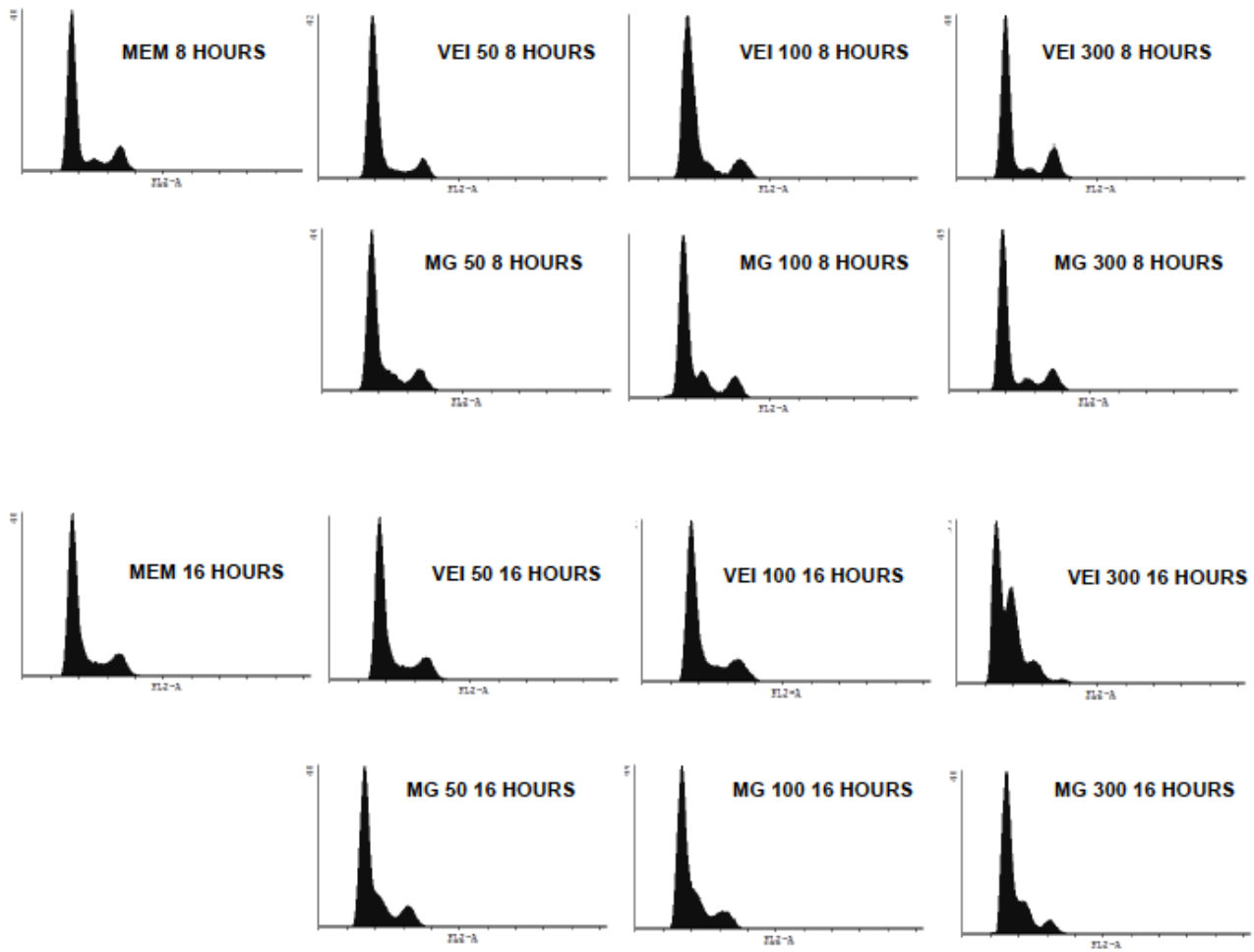


Figure B: Cell cycle analysis of MCF10A cells by propidium iodide (PI) staining and flow cytometry after treatment with DMSO and 50-300 μ M mangiferin at 8 and 16 h.

Table 1: MCF-7 and MCF10A cell cycle analysis

MCF-7	% OF CELLS			MCF10A	% OF CELLS		
TREATMENT	G0/G1	S	G2/M	TREATMENT	G0/G1	S	G2/M
MEM 8H	51,14	21,36	27,49	MEM 8H	71,87	12,66	15,45
VEI 50 8H	51,19	18,97	29,83	VEI 50 8H	75,85	12,37	11,76
VEI 100 8H	44,6	25,19	30,19	VEI 100 8H	71,84	13,96	14,18
VEI 300 8H	42,35	25,25	32,06	VEI 300 8H	68,75	11,71	19,52
MG 50 8H	50,35	21,97	27,67	MG 50 8H	68,25	17,37	14,36
MG 100 8H	51,21	20,1	28,67	MG 100 8H	66,9	19,84	13,25
MG 300 8H	49,57	22,4	28,01	MG 300 8H	62,21	25,14	12,64
MEM 16H	54,55	22,64	22,8	MEM 16H	71,03	13,71	15,24
VEI 50 16H	56,19	19,36	24,44	VEI 50 16H	68,64	16,75	14,59
VEI 100 16H	59,14	18,09	22,75	VEI 100 16H	69,4	18,01	17,07
VEI 300 16H	63,51	12,61	23,85	VEI 300 16H	45,42	35,64	18,92
MG 50 16H	56,37	20,89	22,75	MG 50 16H	62,69	21,39	15,91
MG 100 16H	60,57	19,45	19,96	MG 100 16H	66,01	21,21	12,68
MG 300 16H	61,87	11,65	26,47	MG 300 16H	64,71	24,31	10,96