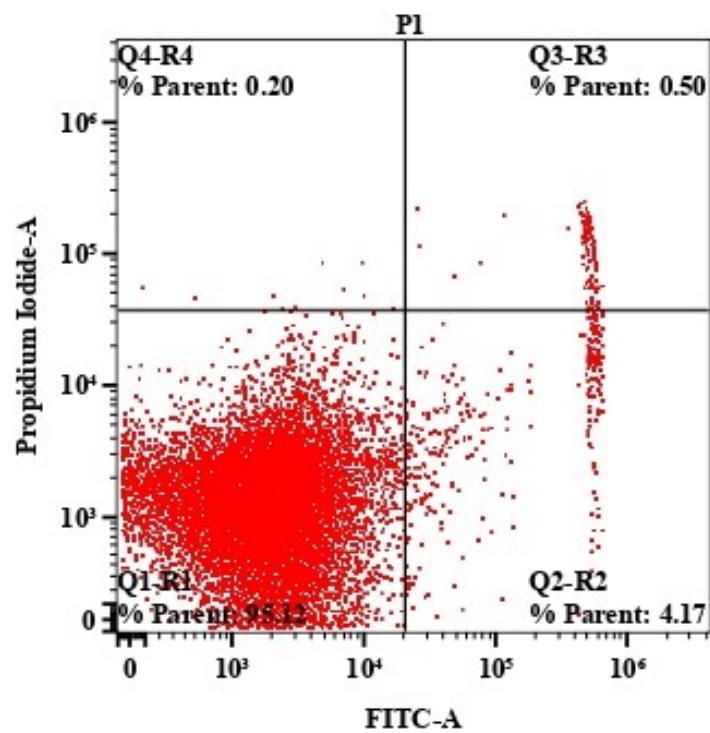
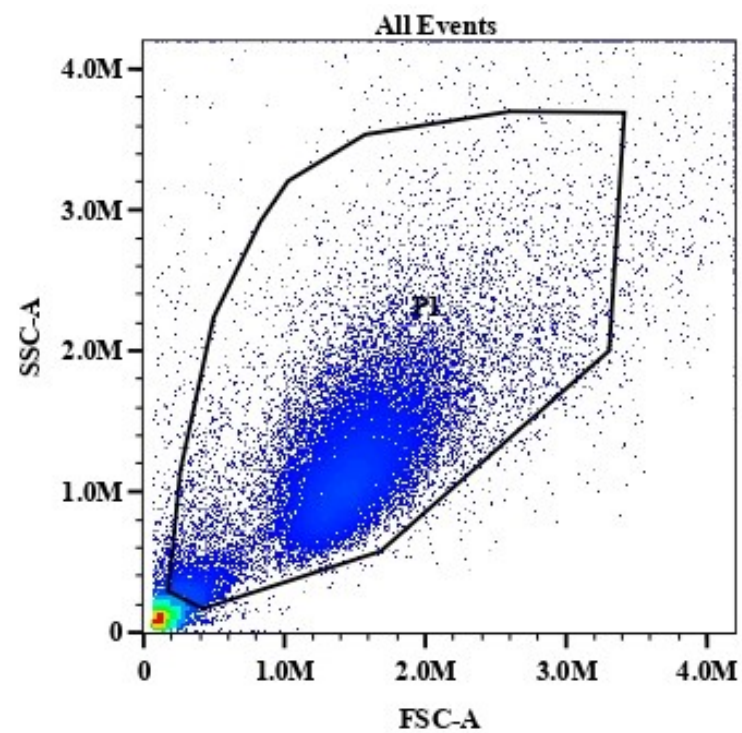
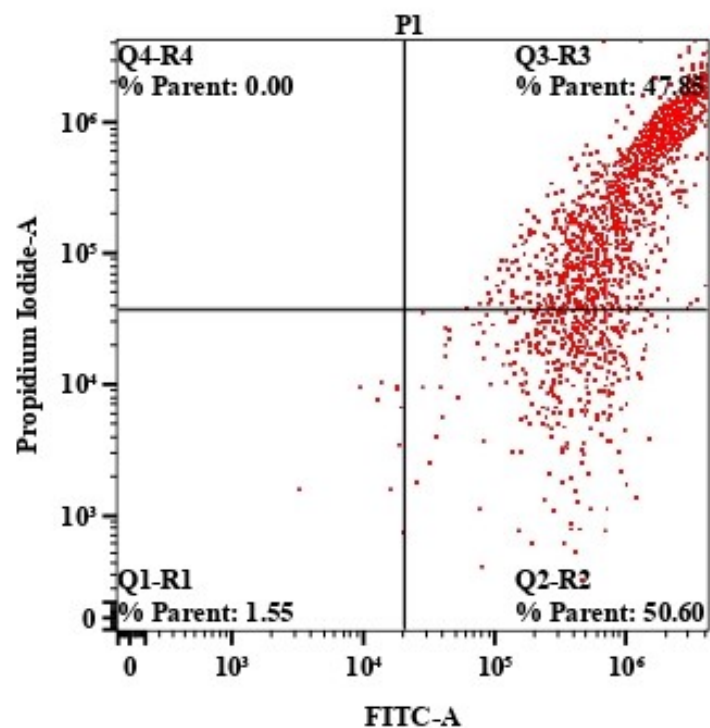
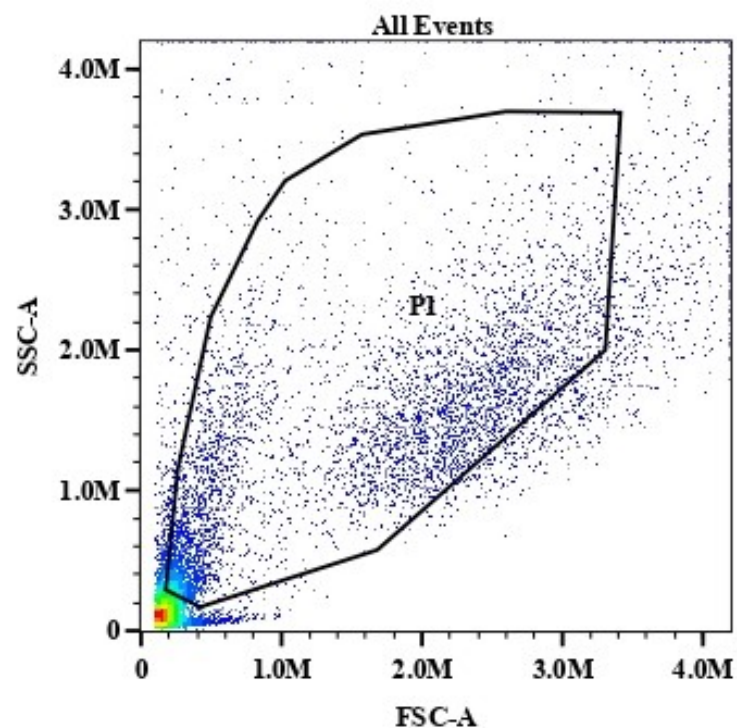


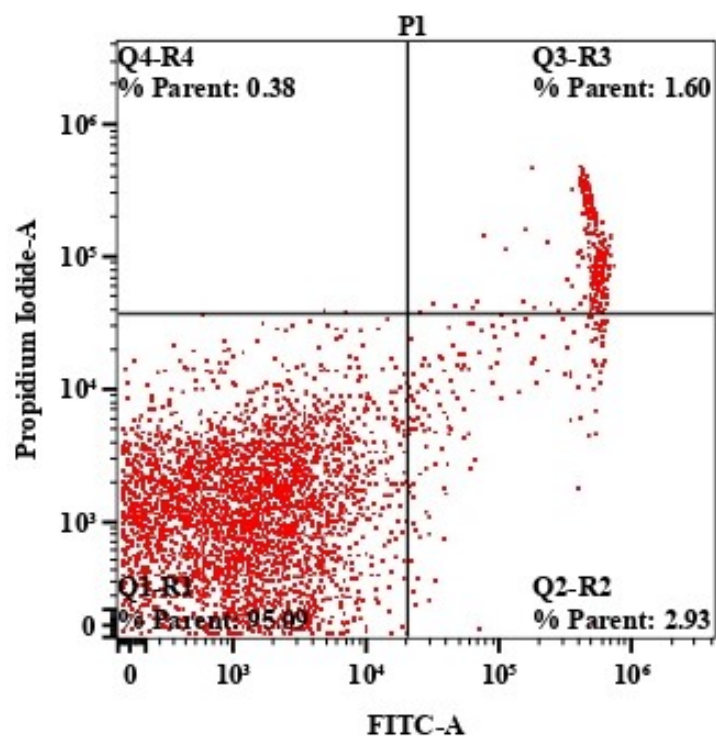
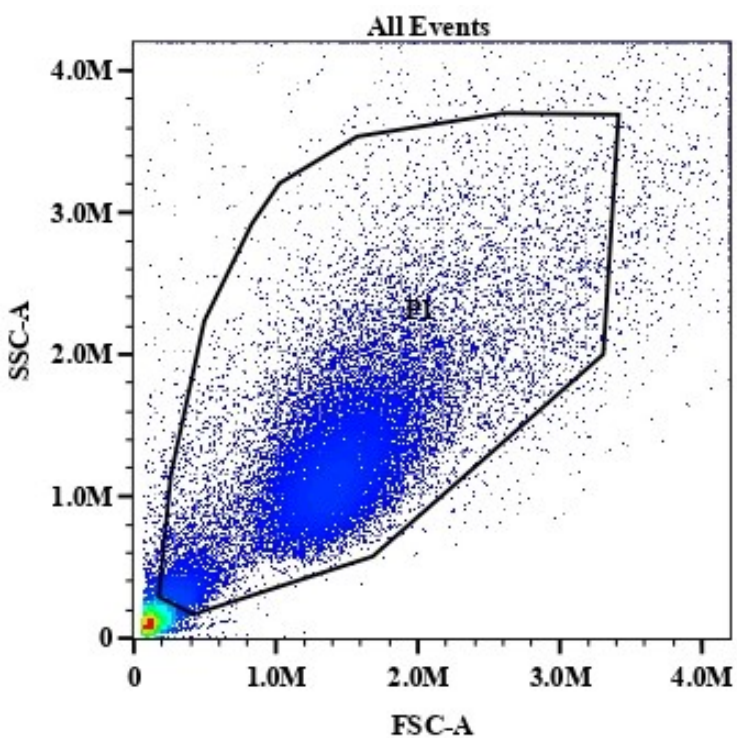
Population Hierarchy Dr Moshtaq-MCF-7-PLANT EXTRACTION			
Population		% Parent	Count
➤ ■ All Events		100.00	21,536
➤ ■ P1		51.94	11,186
■ Q4-R4		0.32	36
■ Q3-R3		97.15	10,867
■ Q1-R1		0.41	46
■ Q2-R2		2.12	237



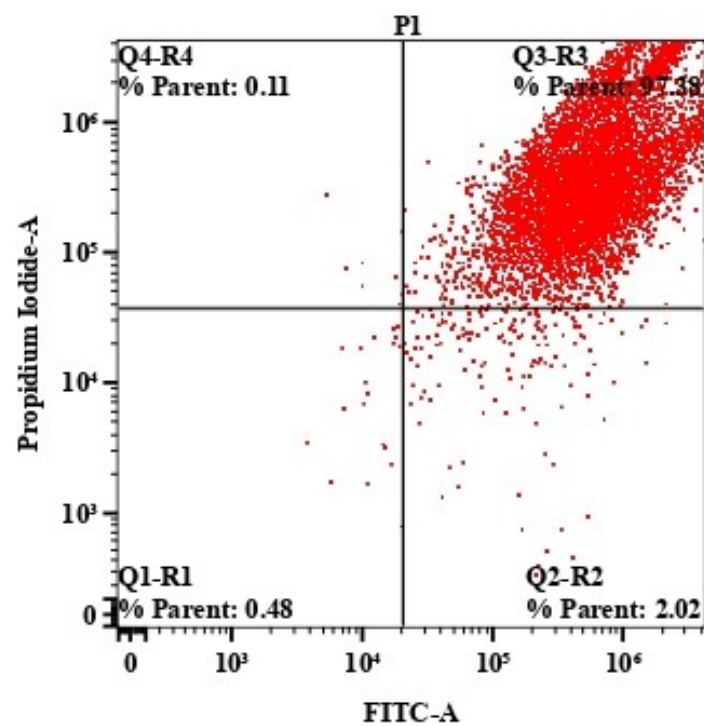
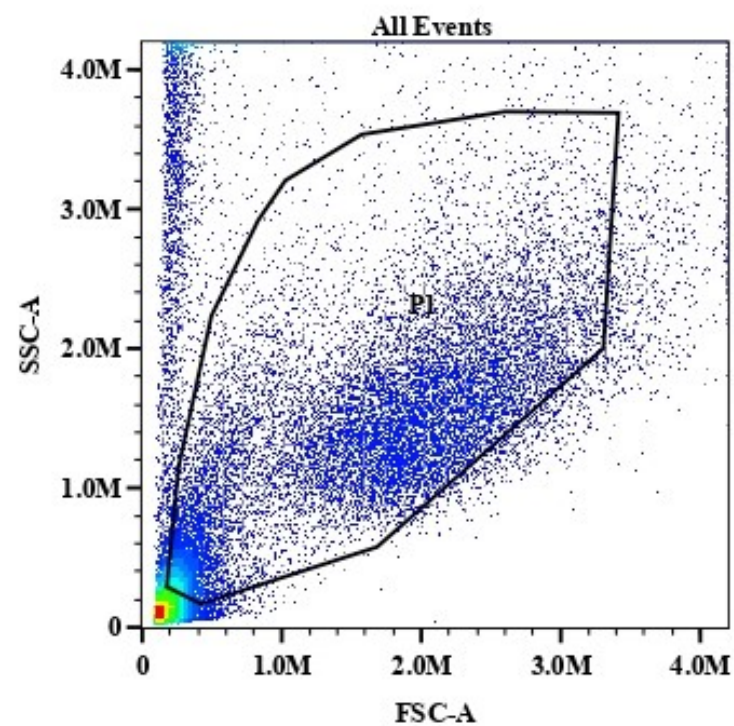
Population Hierarchy Dr Moshtaq-MCF-7-MCF-7 CONTROL			
Population		% Parent	Count
➤ ■ All Events		100.00	50,000
➤ ■ P1		52.14	26,071
■ Q4-R4		0.20	53
■ Q3-R3		0.50	131
■ Q1-R1		95.12	24,799
■ Q2-R2		4.17	1,088



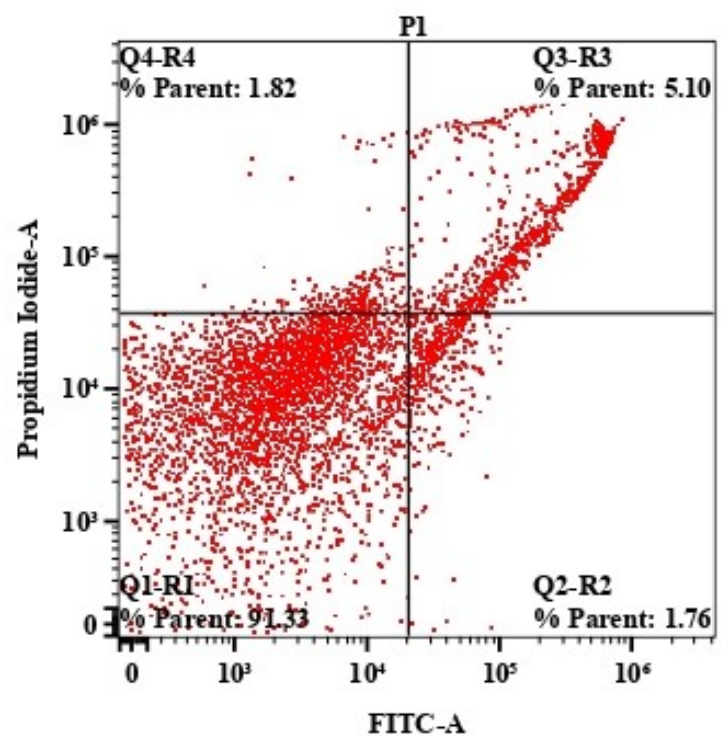
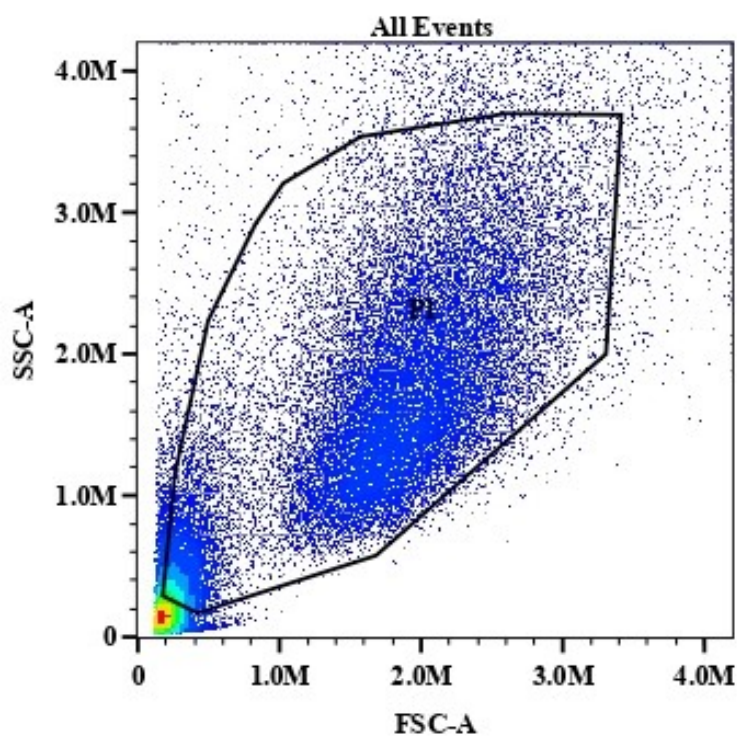
Population Hierarchy Dr Moshtaq-HEPG2-PLANT EXTRACTION			
Population		% Parent	Count
➤ ■ All Events		100.00	12,248
➤ ■ P1		41.66	5,103
■ Q4-R4		0.00	0
■ Q3-R3		47.85	2,442
■ Q1-R1		1.55	79
■ Q2-R2		50.60	2,582



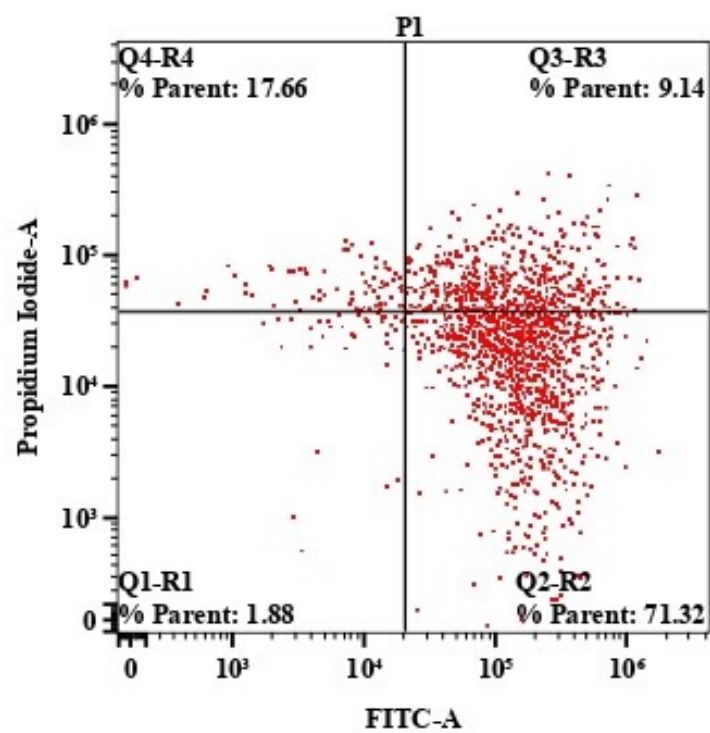
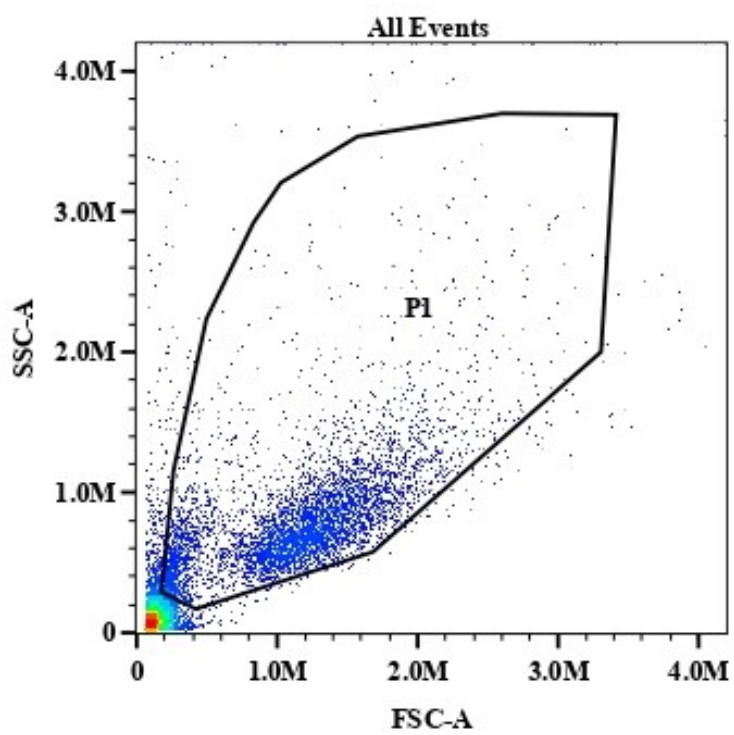
Population Hierarchy			
Dr Moshtaaq-HEPG2-HEPG-2 CONTROL			
Population		% Parent	Count
1	All Events	100.00	50,000
1	P1	51.99	25,993
	Q4-R4	0.38	99
	Q3-R3	1.60	415
	Q1-R1	95.09	24,717
	Q2-R2	2.93	762



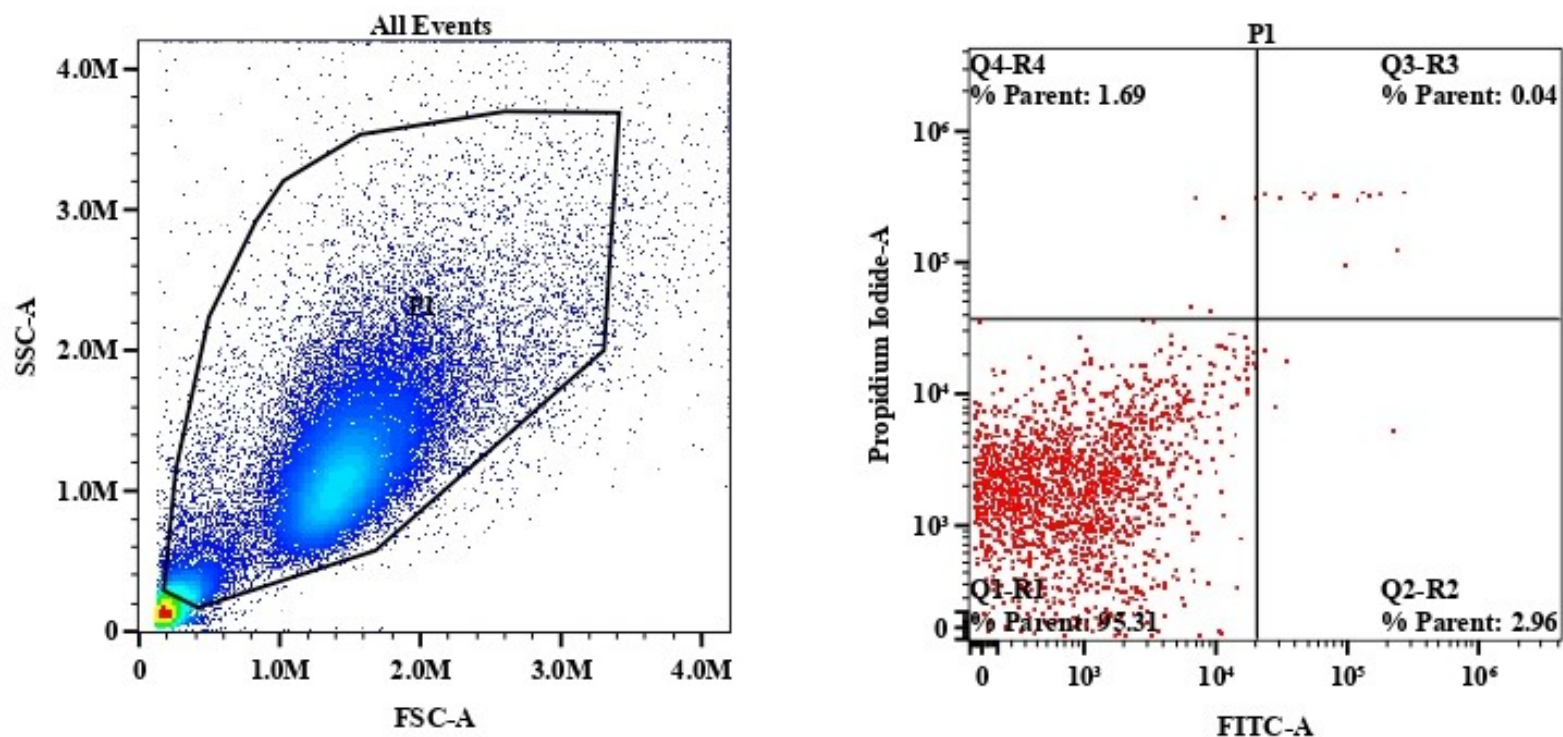
Population Hierarchy Dr Moshtaaq-HELA CELLS-PLANT EXTRACTION			
Population		% Parent	Count
└─ All Events	■	100.00	50,000
└─ P1	■	31.81	15,904
└─ Q4-R4	■	0.11	17
└─ Q3-R3	■	97.38	15,488
└─ Q1-R1	■	0.48	77
└─ Q2-R2	■	2.02	322



Population Hierarchy Dr Moshtaaq-HELA CELLS-HELA CONTROL			
Population		% Parent	Count
└─ █ All Events		100.00	50,000
└─ █ P1		61.10	30,552
█ Q4-R4		1.82	556
█ Q3-R3		5.10	1,557
█ Q1-R1		91.33	27,902
█ Q2-R2		1.76	537



Population Hierarchy Dr Moshtaaq-HCT 116-PLANT EXTRACTION				
Population		% Parent		Count
└─	█ All Events	100.00		12,160
└─	█ P1	42.01		5,108
	█ Q4-R4	17.66		902
	█ Q3-R3	9.14		467
	█ Q1-R1	1.88		96
	█ Q2-R2	71.32		3,643



Population Hierarchy Dr Moshtaaq-HCT 116-HCT 116 CONTROL			
Population		% Parent	Count
└─ All Events		100.00	50,000
└─ P1		73.63	36,817
└─ Q4-R4		1.69	622
└─ Q3-R3		0.04	14
└─ Q1-R1		95.31	35,091
└─ Q2-R2		2.96	1,090

Supplementary Figure S3. Distribution of cells in different phases of cell death after treatment with leaf extract of *M. communis*: The cells shown in the closed polygon (PI) of the left panel are the fraction of total cells gated into the channels for their enumeration into live, early apoptotic, late apoptotic, and necrotic cells (right panel). The table shows the gated cells (PI) of total cells in terms of events and percentage, and their further distribution into live (Q1-R1), early apoptotic (Q2-R2), late apoptotic (Q3-R3) and necrotic (Q4-R4) cells. For each cell line, treatment (leaf extract-treated) and control (DMSO-treated) data sets are shown.