

Detailed data describing viability and death type of KerCT keratinocytes and BJ-5ta fibroblasts exposed to 445 nm, 520 nm and 638 nm irradiation.

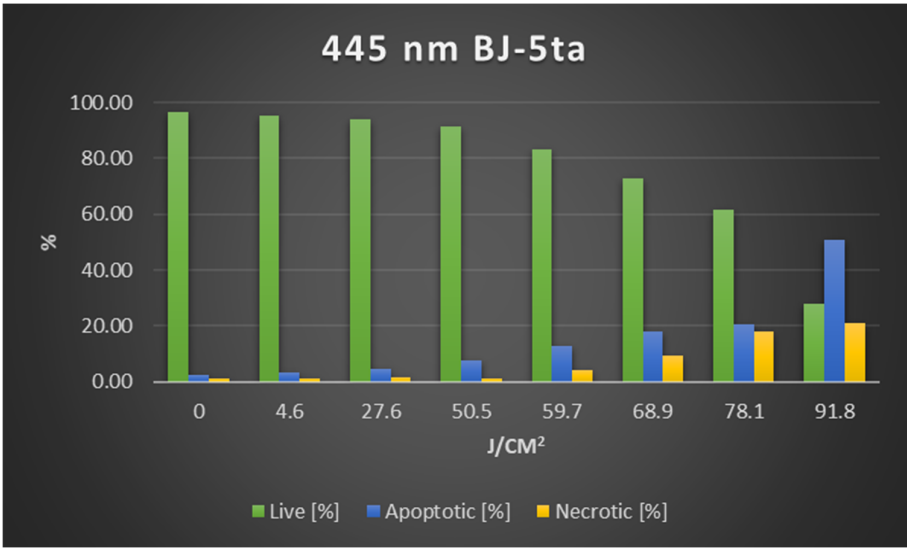


Figure S1. Graphical representation of viability and cell death type of BJ-5ta cells exposed to 445 nm irradiation.

Table S1. Summarized data of viability and cell death type of BJ-5ta cells exposed to 445 nm irradiation.

445 nm BJ-5ta			
J/Cm²	Live [%]	Apoptotic [%]	Necrotic [%]
0	96.67	2.29	1.04
4.6	95.32	3.40	1.28
27.6	93.99	4.66	1.35
50.5	91.17	7.60	1.23
59.7	83.06	12.92	4.02
68.9	72.84	17.98	9.17
78.1	61.36	20.61	18.03
91.8	27.90	50.89	21.16

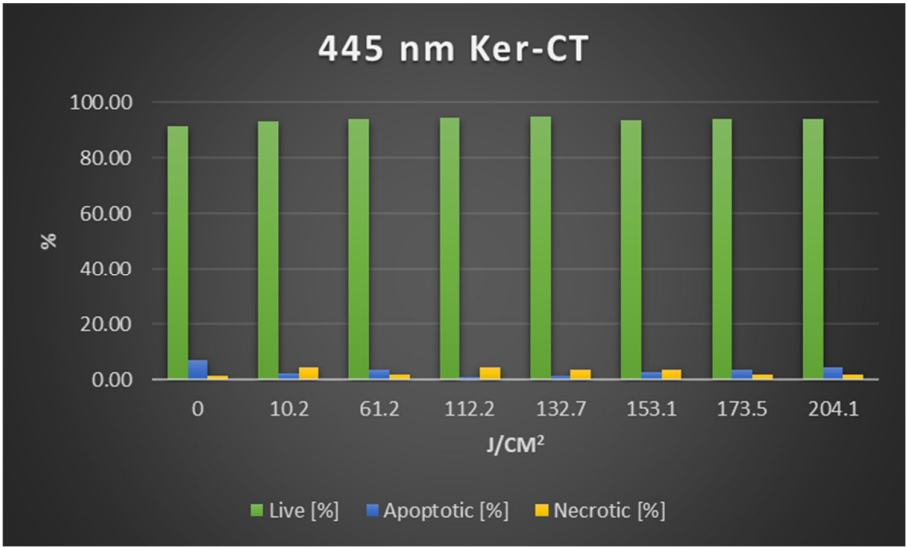


Figure S2. Graphical representation of viability and cell death type of Ker-CT cells exposed to 445 nm irradiation.

Table S2. Summarized data of viability and cell death type of KerCT cells exposed to 445 nm irradiation.

445 nm Ker-CT			
J/Cm²	Live [%]	Apoptotic [%]	Necrotic [%]
0	91.45	7.24	1.31
10.2	93.17	2.22	4.62
61.2	94.11	3.82	2.07
112.2	94.40	1.18	4.42
132.7	95.02	1.51	3.47
153.1	93.65	2.77	3.58
173.5	94.31	3.78	1.90
204.1	93.88	4.35	1.77

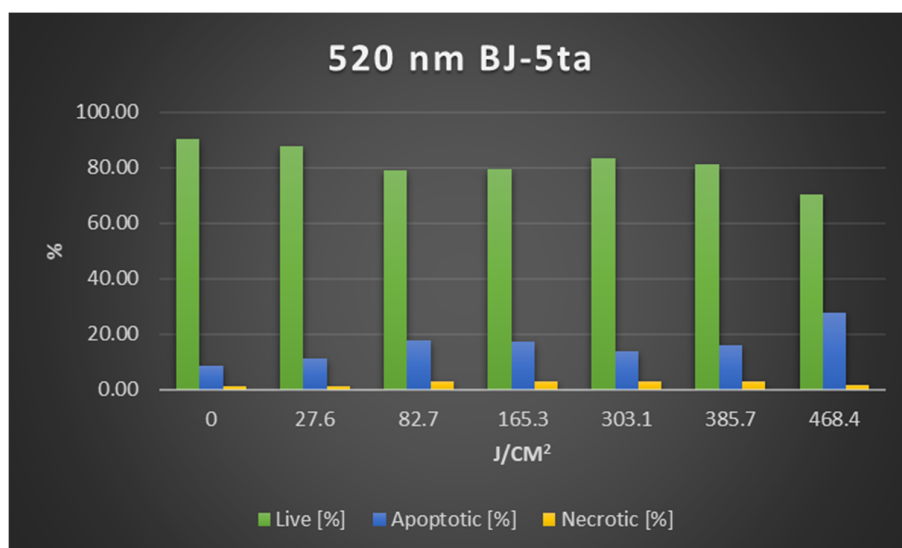


Figure S3. Graphical representation of viability and cell death type of BJ-5ta cells exposed to 520 nm irradiation.

Table S3. Summarized data of viability and cell death type of BJ-5ta cells exposed to 520 nm irradiation.

520 nm BJ-5ta			
J/Cm²	Live [%]	Apoptotic [%]	Necrotic [%]
0	90.19	8.59	1.22
27.6	87.68	11.15	1.17
82.7	78.99	17.87	3.14
165.3	79.52	17.41	3.07
303.1	83.35	13.74	2.92
385.7	81.06	15.95	3.00
468.4	70.40	27.86	1.75

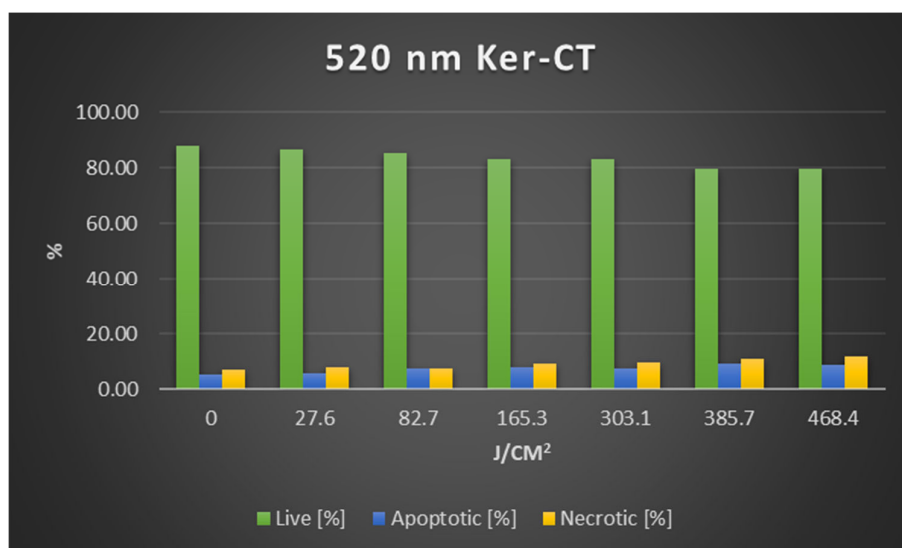


Figure S4. Graphical representation of viability and cell death type of Ker-CT cells exposed to 520 nm irradiation.

Table S4. Summarized data of viability and cell death type of KerCT cells exposed to 520 nm irradiation.

520 nm Ker-CT			
J/Cm ²	Live [%]	Apoptotic [%]	Necrotic [%]
0	87.65	5.27	7.09
27.6	86.57	5.72	7.71
82.7	85.24	7.27	7.49
165.3	83.10	7.79	9.12
303.1	82.94	7.45	9.61
385.7	79.75	9.24	11.02
468.4	79.44	8.68	11.89

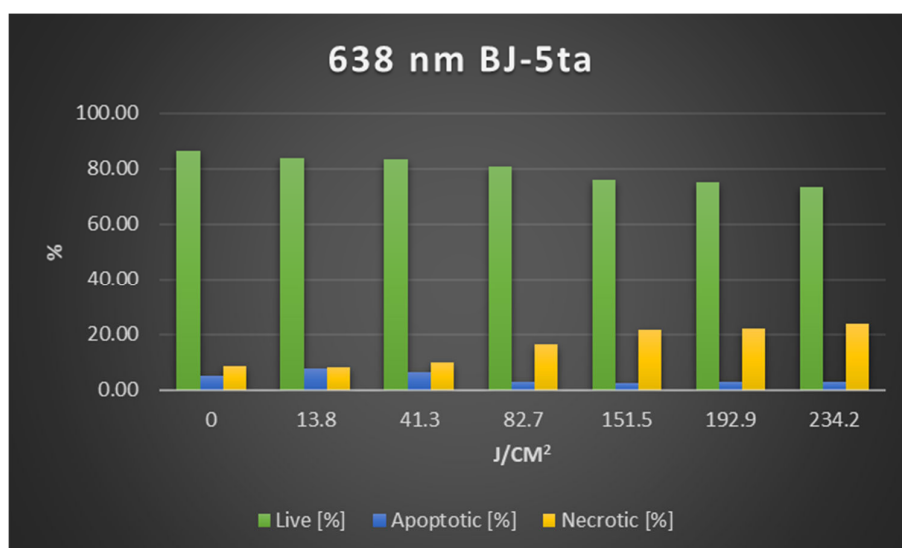


Figure S5. Graphical representation of viability and cell death type of BJ-5ta cells exposed to 638 nm irradiation.

Table S5. Summarized data of viability and cell death type of BJ-5ta cells exposed to 638 nm irradiation.

638 nm BJ-5ta			
J/Cm²	Live [%]	Apoptotic [%]	Necrotic [%]
0	86.22	5.07	8.71
13.8	83.78	7.84	8.38
41.3	83.56	6.53	9.91
82.7	80.87	2.80	16.33
151.5	75.81	2.43	21.76
192.9	74.92	3.02	22.07
234.2	73.26	2.80	23.94

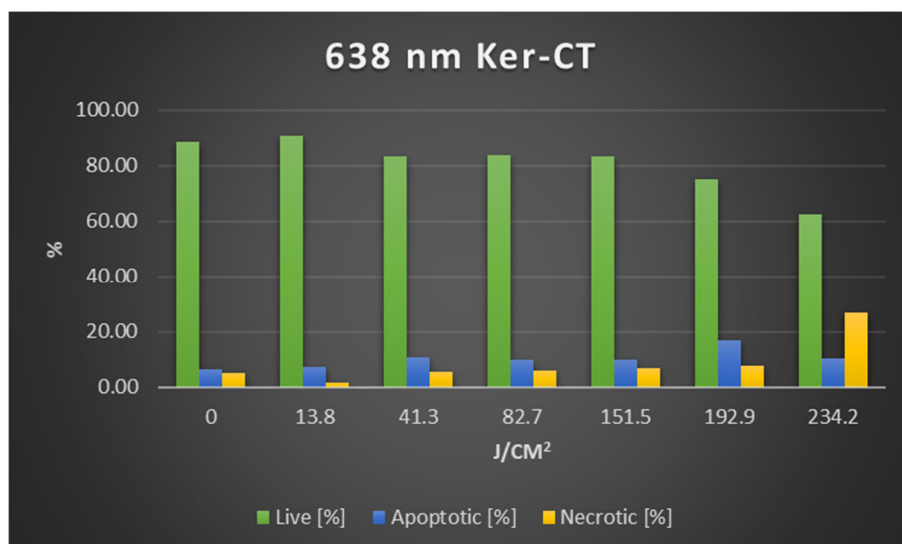


Figure S6. Graphical representation of viability and cell death type of Ker-CT cells exposed to 638 nm irradiation.

Table S6. Summarized data of viability and cell death type of KerCT cells exposed to 638 nm irradiation.

638 nm Ker-CT			
J/Cm²	Live [%]	Apoptotic [%]	Necrotic [%]
0	88.71	6.27	5.02
13.8	90.97	7.34	1.69
41.3	83.43	10.80	5.76
82.7	84.05	9.73	6.21
151.5	83.28	9.93	6.80
192.9	75.32	16.69	7.99
234.2	62.60	10.47	26.94