

**SUPPLEMENTARY TABLE 1.** The original value, mean, standard deviation, and p-values of data generated during the experiment

Figure 4-A cell number (invasion)						
Lower chamber	Repeat	RFU	Cell number	AVERGE level 1	SD	P (One-Way ANOVA, Tukey)
PC-14/B	n1	42846	26977.76			
	n2	48162	30559.97	27742.8122	2523.17825	0.997 (VS PC-14/B)
	n3	40936	25690.7			
PC-14/B+Lv-NC	n1	42916	27024.93			
	n2	50552	32170.49	28765.0494	2949.431	0.997 (VS PC-14/B)
	n3	43027	27099.73			
PC-14/B+Lv-miRNA-217	n1	20182	11705.53			
	n2	22028	12949.46	11731.5813	1205.06304	<b>0.004 (vs PC-14/B)</b>
	n3	18452	10539.76			
PC-14/B+Lv-SIRT1	n1	68264	44105.8			
	n2	52017	33157.68	39504.4924	5678.94298	0.027 (vs PC-14/B)
	n3	64026	41250			<b>&lt;0.0001 (vs PC-14/B+Lv-miRNA-217)</b>
PC-14/B+Lv-SIRT1+Lv-miRNA-217	n1	65036	41930.59			
	n2	51182	32595.01	38611.186	5219.45106	0.041 (vs PC-14/B)
	n3	64112	41307.95			<b>&lt;0.0001 (vs PC-14/B+Lv-miRNA-217)</b>

  

Figure 4-B cell number (migration)						
Rate	Rate	Percent	AVERGE level 1	SD	P (One-Way ANOVA, Tukey)	
PC-14/B	n1	0.681	68.1329			
	n2	0.793	79.3173	77.6416906	8.79154153	
	n3	0.855	85.4749			
PC-14/B+Lv-NC	n1	0.668	66.8288			
	n2	0.844	84.3666	75.5339582	8.76958619	0.998 (vs PC-14/B)
	n3	0.754	75.4065			
PC-14/B+Lv-miRNA-217	n1	0.33	32.9637			
	n2	0.306	30.6022	30.8190103	2.04492072	<b>0.001 (vs PC-14/B)</b>
	n3	0.289	28.8911			
PC-14/B+Lv-SIRT1	n1	0.754	75.4125			
	n2	0.95	95.0389	88.1843617	11.0706445	0.641 (vs PC-14/B)
	n3	0.941	94.1016			<b>&lt;0.0001 (vs PC-14/B+Lv-miRNA-217)</b>
PC-14/B+Lv-SIRT1+Lv-miRNA-217	n1	0.724	72.4138			
	n2	0.883	88.3082	85.5474447	11.9939773	0.827 (vs PC-14/B)
	n3	0.959	95.9203			<b>&lt;0.0001 (vs PC-14/B+Lv-miRNA-217)</b>

SUPPLEMENTARY TABLE 1. Continued

Original data							
Width (µm)	PC-14/B	PC-14/B+Lv-NC	PC-14/B+Lv-miRNA-217	PC-14/B+Lv-SIRT1	PC-14/B+Lv-SIRT1+Lv-miRNA-217		
1 Day							
n2	1023	1028	992	1212	928		
n2	996	1113	1013	1028	1129		
n3	1253	984	983	1102	1054		
3 Day							
n1	326	341	665	298	256		
n2	206	174	703	51	132		
n3	182	242	699	65	43		
Rate	0.6813	0.668	0.32964	0.754125	0.724138		
	0.7932	0.844	0.30602	0.950389	0.883082		
	0.8547	0.754	0.28891	0.941016	0.959203		
Figure 4C-CCK8							
Group		24 h	48 h	AVERGE level 1	SD	P (One-Way ANOVA, Tukey)	72h
PC-14/B	n1	0.427	0.617				1.52
	n2	0.42	0.802	0.644	0.14637964		1.382
	n3	0.356	0.513				1.61
PC-14/B+Lv-NC	n1	0.382	0.527				1.524
	n2	0.424	0.813	0.674	0.14316773		1.592
	n3	0.525	0.682				1.791
PC-14/B+Lv-miRNA-217	n1	0.288	0.414				0.962
	n2	0.426	0.582	0.466	0.10063797		0.71
	n3	0.321	0.402				0.856
PC-14/B+Lv-SIRT1	n1	0.62	0.851				2.291
	n2	0.513	1.052	1.09466667	0.2675637	<b>0.005 (vs PC-14/B+Lv-miRNA-217)</b>	2.334
	n3	0.586	1.381				1.826
PC-14/B+Lv-SIRT1+Lv-miRNA-217	n1	0.584	1.125				1.937
	n2	0.594	0.978	1.04233333	0.0751953	<b>0.009 (vs PC-14/B+Lv-miRNA-217)</b>	2.127
	n3	0.565	1.024				2.184