

Epithelial thickness (μm)

Fig 3

	Control	1h-10	1h-20	3h-10	3h-20
1	45.06	46.42	72.93	74.59	86.14
	38.51	37.76	47.16	57.42	92.35
2	39.26	52.39	48.17	62.61	64.26
	43.49	55.23	65.8	64.4	81.92
3	47.82	59.47	56.94	71.65	67
	38.75	37.47	63.18	90.11	83.83
4	37.12	48.37	53.26	74.48	64.73
	40.22	36.64	61.17	72.45	76.86
5	43.17	61	72.55	67.42	70.23
	41.73	53.86	59.14	61.04	68.07

Average					
Control	1h-10	1h-20	3h-10	3h-20	Epithelial thickness (μm)
41.785	42.09	60.045	66.005	89.245	
41.375	53.81	56.985	63.505	73.09	SE
43.285	48.47	60.06	80.88	75.415	P-value
38.67	42.505	57.215	73.465	70.795	
42.45	57.43	65.845	64.23	69.15	
45.855	62.03	70.675	89.475	95.1	
41.87	60.35	71.93	89.645	105.735	
42.17	54.92	80.25	80.275	95.71	
42.055	64.59	85.515	90.035	101.27	
47.875	66.085	69.53	100.81	91.855	
58.11	77.42	83.275	88.6	117.005	
60.045	84.46	76.275	90.565	91.54	
62.085	73.2	73.225	104.45	93.96	
60.73	74.885	76.86	88.93	91.68	
62.04	78.185	73.62	97.785	90.42	

3 pig average					
Control	1h-10	1h-20	3h-10	3h-20	Epithelial thickness (μm)
48.7	62.7	70.8	84.6	90.1	
2.31	3.39	2.37	3.34	3.44	
	0.002	0.0001	0.0001	0.0001	

HSD[.05]=11.94; HSD[.01]=14.44
 M1 vs M2 P<.05
 M1 vs M3 P<.01
 M1 vs M4 P<.01
 M1 vs M5 P<.01
 M2 vs M3 nonsignificant
 M2 vs M4 P<.01
 M2 vs M5 P<.01
 M3 vs M4 P<.05
 M3 vs M5 P<.01
 M4 vs M5 nonsignificant

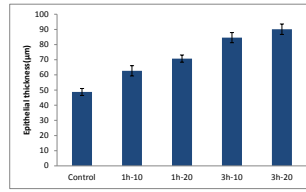


Fig 4

1	56.02	71.72	68.6	87.45	94.42
	35.69	52.34	72.75	91.5	95.78
2	50.86	66.56	69.81	92.57	97.73
	32.88	54.14	74.05	86.72	113.74
3	40.78	52.98	92.43	80.75	93.74
	43.56	56.86	68.07	79.8	97.68
4	37.49	70.71	95.98	88.51	99.1
	47.82	58.47	75.05	91.56	103.44
5	45.71	69.17	67.71	101.2	92.19
	50.04	63	71.35	100.42	91.52

Fig 5

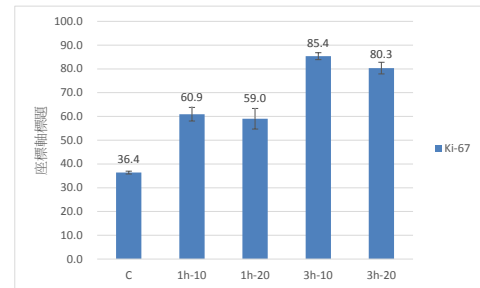
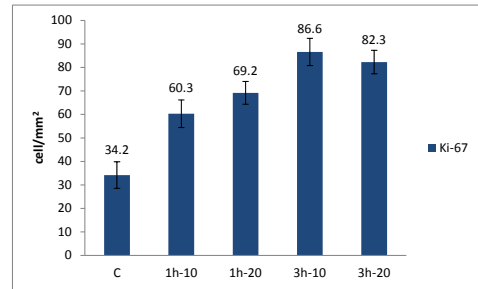
1	58.47	67.51	77.89	92.87	127.05
	57.75	87.33	88.66	84.33	106.96
2	62.9	94.41	68.33	101.18	96.81
	57.19	74.51	84.22	79.95	86.27
3	63	72.85	82.51	107.59	98.12
	61.17	73.55	63.94	101.31	89.8
4	63.83	71.2	69.39	97.68	86.94
	57.63	78.57	84.33	80.18	96.42
5	67.26	77.57	70.24	95.52	88.44
	56.82	79	77	100.05	92.4

PIG#3	contorl	1hr-10times	1hr-20times	3hr-10times	3hr-20times
in 1.4mm2	31	70	92	107	115.6
	22.1	50	65.7	76.4	82.57
pig#3 ki 67 number	46	52	75	120	125
	23	82	105	91	101
	24	76	96	110	121
pig#4	43	45	103	121	99
	33	62	100	120	98
	48	101	99	133	88
	27	111	67	117	100
	34	82	71	80	107
pig#5	85	100	107	119	136
	71	105	104	138	134
	76	97	131	158	110
	51	104	110	148	139
	62	80	92	122	140
1.4 mm2	47.9	84.4	96.9	121.3	115.2
SD	34.2	60.3	69.2	86.6	82.3
P	5.7	5.9	4.9	5.8	5.0
		0.0002	0.0001	0.0001	0.0001

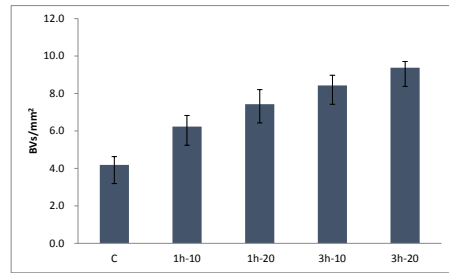
1H-10:1H20 0.1100
 3H10:3H20 0.4400
 1H10:3H10 0.0002
 1H20:3H20 0.0200
 1H:3H 0.0001

C	1h-10		1h-20		3h-10		3h-20		whole cell	
ki-67	whole cell	ki-67	whole cell	ki-67	whole cell	ki-67	whole	ki-67	whole cell	whole cell
67	187	134	261	277	521	273	300	297	362	
92	243	123	192	193	260	462	552	198	255	
66	185	141	245	214	343	260	310	165	228	
92	244	196	302	139	280	287	346	211	255	
84	241	145	217	151	271	221	259	219	252	
C	35.8	51.3	53.2	91.0	82.0					
	37.9	64.1	74.2	83.7	77.6					
	35.7	57.6	62.4	83.9	72.4					
	37.7	64.9	49.6	82.9	82.7					
	34.9	66.8	55.7	85.3	86.9					
AVERAGE	36.4	60.9	59.0	85.4	80.3					
	0.59	2.86	4.33	1.46	2.45					

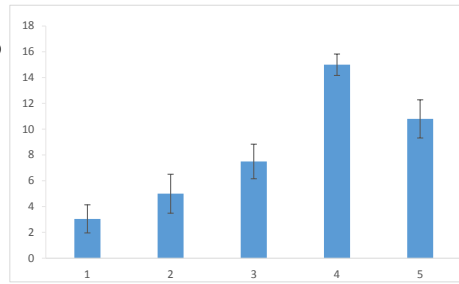
PIG#4	contorl	1hr-10times	1hr-20times	3hr-10times	3hr-20times
in 1.4mm2	37	80.2	88	114.2	98.4
	26.4	57.2	62.8	81.5	70.2
Ki-67	C	1h-10	1h-20	3h-10	3h-20
	34.2	60.3	69.2	86.6	82.3



	control	1hr-10 times	1hr-20times	3hr 10 times	3hr-20 times	
pig3	2.8	6.7	7.5	8.7	9.2	
pig4	3.57	5	7.14	9.14	9.57	
	C	1hr-10	1hr-20	3hr 10	3hr-20	
PIG#3	4	6	4	10	12	
	5	8	15	12	12	
	2	10	10	15	13	
	3	9	12	12	13	
	6	14	12	12	15	
PIG#4	6	5	5	6	14	
	5	11	6	16	10	
	3	9	12	13	17	
	4	6	16	13	12	
	7	4	11	16	14	
PIG#5	11	13	9	9	14	
	7	11	14	10	14	
	11	8	11	12	12	
	7	9	13	11	10	
	7	8	6	10	15	
MEAN	5.9	8.7	10.4	11.8	13.1	
SE	0.44	0.59	0.78	0.55	0.33	
Density	C	1hr-10	1hr-20	3hr-10	3hr-20	
	4.2	6.2	7.4	8.4	9.4	
Blood Vessels						
P value		0.007	0.0006	0.0001	0.0001	
	1H-10:1H20		0.17			
	3H10:3H20		0.16			
	1H10:3H10		0.05			
	1H20:3H20		0.05			
	1H-3H		0.01			



PIG	contorl	1hr-10time	1hr-20time	3hr-10time	3hr-20times
	2	6	6	10	8
	2	4	7	10	10
	4	3	6	11	8
	2	2	4	11	7
	1	3	4	12	6
total	11	18	27	54	39
mean	2.2	3.6	5.4	10.8	7.8 (HF/7.2 MM2)
	3.05	5	7.5	15	10.8 (HF/CM2)
SD	1.09	1.51	1.34	0.83	1.48



HSD[.05]=2.43; HSD[.01]=3.04
M1 vs M2 nonsignificant
M1 vs M3 P<.01
M1 vs M4 P<.01
M1 vs M5 P<.01
M2 vs M3 nonsignificant
M2 vs M4 P<.01
M2 vs M5 P<.01
M3 vs M4 P<.01
M3 vs M5 nonsignificant
M4 vs M5 P<.05