

Supplementary Table 1. Haematology analysis

	Blank 8mm microrods	Blank 16mm microrods	Prednisolone Acetate 8mm microrods	Prednisolone Acetate 16mm microrods	P values*
Before implantation					
RBC	5.26 ±0.53	5.44 ±0.37	5.62 ±0.56	5.2 ±0.50	0.54
HGB	12.37 ±0.72	13.27 ±1.06	12.7 ±0.87	12.37 ±0.95	0.86
HCT	39.97 ±3.46	41.93 ±1.61	42.97 ±3.04	40.7 ±3.92	0.82
MCV	76.17 ±4.51	80.9 ±2.04	76.3 ±1.99	78.3 ±3.18	0.63
MCH	23.53 ±1.63	24.43 ±0.47	22.63 ±0.93	23.8 ±0.66	0.73
MCHC	30.93 ±0.70	30.2 ±1.11	29.53 ±0.91	30.43 ±0.72	0.82
PLT	387.67 ±8.96	390.33 ±26.50	441 ±151.09	389.33 ±96.50	0.49
WBC	9.67 ±2.74	12.64 ±4.20	9.96 ±4.31	36.41 ±46.55	0.37
Reticulocyte count	77.5 ±12.04	77.27 ±17.71	91.33 ±9.09	89.53 ±45.52	0.64
Reticulocyte %	1.5 ±0.20	1.47 ±0.38	1.67 ±0.31	1.67 ±0.74	0.75
Neutrophil count	5.37 ±1.74	7.32 ±3.12	5.45 ±2.67	5.49 ±0.77	0.71
Neutrophil %	55.1 ±3.20	57.13 ±7.05	53.23 ±6.00	59.47 ±6.85	0.80
Eosinophil count	0.05 ±0.02	0.09 ±0.08	0.29 ±0.18	0.07 ±0.02	0.66
Eosinophil %	0.53 ±0.06	0.93 ±1.10	3.27 ±1.92	0.8 ±0.10	0.45
Basophil count	0.013 ±0.01	0.02 ±0.00	0.017 ±0.01	0.017 ±0.01	0.69
Basophil %	0.17 ±0.12	0.17 ±0.06	0.13 ±0.06	0.2 ±0.00	0.58
Lymphocyte count	3.83 ±0.95	4.83 ±1.53	3.74 ±1.49	3.54 ±1.58	0.66
Lymphocyte %	39.9 ±1.76	38.7 ±8.07	38.03 ±1.89	36.53 ±7.22	0.56
Monocyte count	0.35 ±0.10	0.32 ±0.17	0.42 ±0.10	0.24 ±0.02	0.40
Monocyte %	3.8 ±1.51	2.63 ±1.10	4.83 ±2.44	2.67 ±0.57	0.37
LUC count	0.05 ±0.01	0.057 ±0.02	0.047 ±0.02	0.04 ±0.02	0.82
LUC%	0.5 ±0.10	0.433 ±0.12	0.5 ±0.00	0.4 ±0.10	0.80
12 weeks after implantation					
RBC	5.57 ±0.73	5.54 ±0.36	6.04 ±0.56	5.37 ±0.34	0.72
HGB	13 ±0.89	13.4 ±0.79	13.47 ±0.92	12.67 ±0.60	0.80
HCT	42.9 ±3.32	44.3 ±2.38	46.23 ±4.10	41.4 ±1.35	0.63

MCV	77.5 ±5.13	80.07 ±1.03	76.57 ±1.07	77.2 ±2.52	0.61
MCH	23.53 ±1.72	24.17 ±0.21	22.40 ±0.60	23.6 ±0.53	0.70
MCHC	30.37 ±0.31	30.2 ±0.17	29.23 ±0.67	30.6 ±0.95	0.79
PLT	444.67 ±98.56	451.33 ±49.44	448.67 ±135.08	429.67 ±12.32	0.54
WBC	10.86±0.64	11.96 ±2.55	9.76 ±1.38	13.21 ±3.61	0.60
Reticulocyte count	138.67 ±81.96	71.57 ±9.88	88.43 ±41.12	85.6 ±55.97	0.31
Reticulocyte %	2.63 ±1.96	1.33 ±0.25	1.43 ±0.60	1.63 ±1.10	0.68
Neutrophil count	3.6 ±0.75	6.29 ±2.60	3.45± 0.58	5.87 ±2.90	0.45
Neutrophil %	32.93 ±5.27	51.53 ±11.61	35.97 ± 9.03	42.17 ±12.44	0.29
Eosinophil count	0.21 ±0.17	0.10 ±0.03	0.28 ± 0.20	0.30 ±0.22	0.79
Eosinophil %	1.87 ±1.44	0.93 ±0.40	2.87 ± 2.16	2.2 ±1.18	0.48
Basophil count	0.023 ±0.01	0.017 ±0.01	0.02 ± 0.01	0.03 ±0.01	0.74
Basophil %	0.23 ±0.06	0.13 ±0.06	0.17 ± 0.06	0.2 ±0.00	0.77
Lymphocyte count	6.57 ±0.19	5.14 ±1.26	5.42 ±1.59	6.41 ±0.1	0.50
Lymphocyte %	60.73 ±5.34	43.9 ±12.46	54.8 ± 7.91	50.63 ±11.79	0.58
Monocyte count	0.40 ±0.07	0.37 ±0.15	0.55 ± 0.23	0.53 ±0.08	0.46
Monocyte %	3.73 ±0.81	3.03 ±1.00	5.77 ± 2.76	4.20 ±1.01	0.69
LUC count	0.05 ±0.01	0.05 ±0.01	0.04 ± 0.01	0.07 ±0.03	0.77
LUC%	0.5 ±0.00	0.43 ±0.15	0.43 ± 0.06	0.53 ±0.21	0.73

* Comparisons across 4 groups

RBC: Red blood cell count, HGB: hemoglobin, HCT: hematocrit, MCV: mean corpuscular volume, MCH: mean corpuscular hemoglobin, MCHC: mean corpuscular hemoglobin concentration, PLT: platelet, WBC, white blood cell count, LUC: large unstained cell