

Table S4 Hematological parameters in rats 28 days after single *iv* application of PEG-AuNPs and TiO₂NPs

Parameter	Unit	Control (n = 7)	PEG-AuNPs (n = 8)	TiO ₂ NPs (n = 8)
WBC	10 ⁹ /L	5.97 ± 0.36	6.61 ± 0.63	7.48 ± 0.65
RBC	10 ¹² /L	7.90 ± 0.26	8.75 ± 0.25*	8.89 ± 0.30*
HGB	g/dL	15.23 ± 0.43	17.28 ± 0.38*	17.21 ± 0.60*
HCT	%	46.06 ± 1.38	50.93 ± 1.29	51.63 ± 1.85*
MCV	fL	58.36 ± 0.25	58.22 ± 0.45	58.09 ± 0.70
MCH	pg	19.29 ± 0.29	19.77 ± 0.25	19.38 ± 0.29
MCHC	g/dL	33.07 ± 0.39	33.96 ± 0.28	33.34 ± 0.18
PLT	10 ⁹ /L	726.6 ± 46.8	803.9 ± 39.9	866.4 ± 34.8*
LYM %	%	85.80 ± 1.07	82.72 ± 1.15	80.16 ± 1.68
LYM	10 ³ /μL	5.10 ± 0.28	5.44 ± 0.48	5.99 ± 0.54
Differential WBC count				
Lymphocytes	%	86.79 ± 1.88	82.72 ± 1.63	83.125 ± 1.89
Neutrophils	%	12.00 ± 1.49	15.22 ± 1.50	14.94 ± 1.79
Monocytes	%	0.29 ± 0.10	1.00 ± 0.25*	1.19 ± 0.21*
Eosinophils	%	0.93 ± 0.53	1.06 ± 0.21	0.75 ± 0.27
Basophils	%	0.0 ± 0.0	0.0 ± 0.0	0.0 ± 0.0

Abbreviations: WBC - White blood cells; RBC - Red blood cells; HGB – Haemoglobin; HCT – Haematocrit; MCV - Mean Cell Volume; MCH - Mean Cell Haemoglobin; MCHC - Mean Cell Haemoglobin Concentration; PLT – Platelets; LYM – Lymphocytes. Results are expressed as mean ± SEM. Significance: *p < 0.05.