

**Gamma-tocotrienol modulates total-body irradiation-induced hematopoietic injury in a  
nonhuman primate model**

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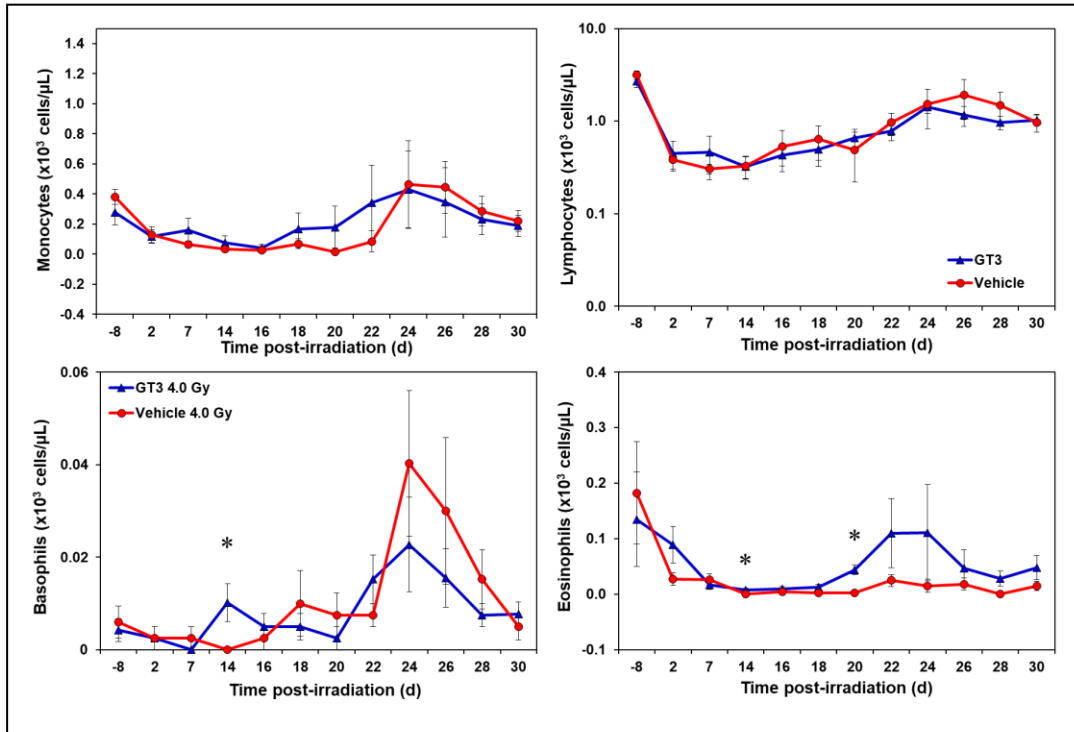
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## Supplementary Tables and Figures:

### Supplementary Tables:

<b>Supplementary Table S1. Antibodies used for the analysis of NHP-BM samples</b>			
<b>Antibody</b>	<b>Fluorochrome</b>	<b>Clone</b>	<b>Manufacturer</b>
Live/dead	eFluor™ 506	N/A	eBioscience™
CD3	V450	SP34-2	BD Biosciences
CD4	PE-Alexa Fluor 700	S3.5	ThermoFisher Scientific
CD8	APC	LT8	ThermoFisher Scientific
CD25	Super Bright 702 (SB702)	CD25-4E3	eBioscience™
CD20	APC-H7	2H7	BD Biosciences
CD56	Super Bright 600 (SB600)	TULY56	eBioscience™
CD16	Super Bright 645 (SB645)	3G8	eBioscience™
CD34	PE	563	BD Biosciences
CD45	FITC	D058-1283	BD Biosciences
CD11b/Mac1	PE-Cy7	ICRF44	BD Biosciences



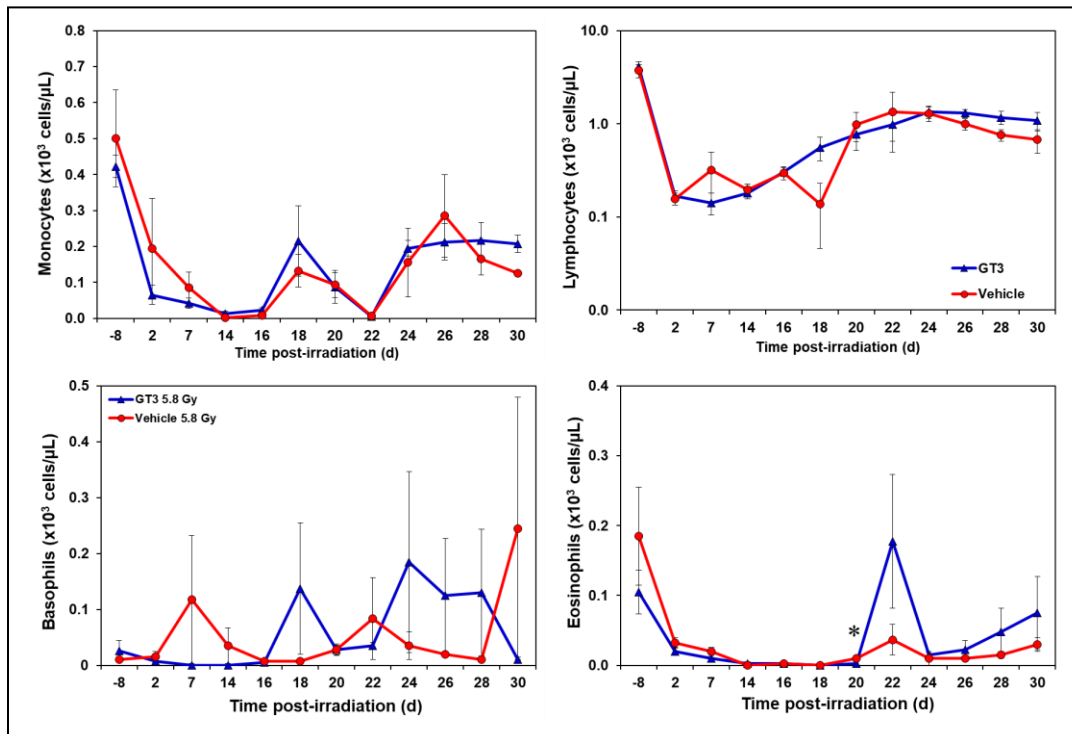
**Supplementary Figure S1. Effects of GT3 on complete blood count (CBC) in NHPs**

**exposed to 4 Gy TBI.** NHPs received GT3 (37.5 mg/kg) or vehicle 24 h prior to irradiation.

Blood was collected at various time points. Cells were counted using a Bayer Advia-120 cell

counter. Data are expressed as mean  $\pm$  SEM. \*The difference between GT3-treated and vehicle-

treated groups was significant when equal variance between groups was assumed (\* $p < 0.05$ ).



**Supplementary Figure S2. Effects of GT3 on complete blood count (CBC) in NHPs exposed to 5.8 Gy TBI.** NHPs received GT3 (37.5 mg/kg) or vehicle 24 h prior to irradiation. Blood was collected at various time points. Cells were counted using a Bayer Advia-120 cell counter. Data are expressed as mean  $\pm$  SEM. \*The difference between GT3-treated and vehicle-treated groups was significant when equal variance between groups was assumed (\* $p < 0.05$ ).