### Male Hematology Data Summary

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Endpoint** | 0.0 mg/kg N = 9 | 0.15 mg/kg N = 5 | 0.5 mg/kg N = 5 | 1.4 mg/kg N = 4-5 | 4.0 mg/kg N = 5 | 12.0 mg/kg N = 5 | 37.0 mg/kg N = 5 | 111.0 mg/kg N = 5 | 333.0 mg/kg N = 4-5 | 1000.0 mg/kg N = 4 | BMD1Std (mg/kg) | BMDL1Std (mg/kg) |
| Reticulocyte count (K/uL) | 244.7 ± 7.2\*\* | 247.2 ± 21.3 | 232.6 ± 12.8 | 212.3 ± 12.5 | 258.3 ± 14.2 | 210.8 ± 14.1 | 168.7 ± 8.8\*\* | 147.0 ± 11.0\*\* | 138.5 ± 6.7\*\* | 122.4 ± 14.9\*\* | 11.837 | 6.978 |
| Platelet count (K/uL) | 869 ± 50\* | 1029 ± 59 | 926 ± 24 | 954 ± 80 | 904 ± 159 | 975 ± 27 | 877 ± 85 | 883 ± 65 | 1061 ± 42 | 1178 ± 30\*\* | NVM | NVM |
| Eosinophil count (K/uL) | 0.10 ± 0.02\*\* | 0.07 ± 0.01 | 0.09 ± 0.02 | 0.22 ± 0.14 | 0.10 ± 0.01 | 0.06 ± 0.01 | 0.08 ± 0.03 | 0.06 ± 0.02 | 0.05 ± 0.01\* | 0.04 ± 0.00\*\* | 1.194 | 0.522 |

### Female Hematology Data Summary

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Endpoint** | 0.0 mg/kg N = 8 | 0.15 mg/kg N = 5 | 0.5 mg/kg N = 5 | 1.4 mg/kg N = 5 | 4.0 mg/kg N = 5 | 12.0 mg/kg N = 5 | 37.0 mg/kg N = 5 | 111.0 mg/kg N = 5 | 333.0 mg/kg N = 4 | 1000.0 mg/kg N = 5 | BMD1Std (mg/kg) | BMDL1Std (mg/kg) |
| Reticulocyte count (K/uL) | 227.2 ± 15.8\*\* | 254.5 ± 12.1 | 210.6 ± 15.5 | 210.8 ± 25.0 | 225.4 ± 17.0 | 209.2 ± 3.8 | 188.0 ± 11.4 | 177.3 ± 10.9\* | 134.5 ± 16.0\*\* | 138.8 ± 15.9\*\* | NVM | NVM |
| Mean Cell Hemoglobin (pg) | 17.9 ± 0.1\* | 18.2 ± 0.2 | 18.1 ± 0.2 | 17.8 ± 0.1 | 17.7 ± 0.1 | 17.9 ± 0.1 | 17.8 ± 0.2 | 17.8 ± 0.2 | 17.5 ± 0.2 | 17.7 ± 0.2 | 251.686 | 149.752 |
| Platelet count (K/uL) | 968 ± 90\*\* | 974 ± 72 | 985 ± 15 | 1055 ± 48 | 1048 ± 77 | 1150 ± 60 | 1197 ± 29 | 1013 ± 134 | 1124 ± 112 | 1184 ± 84 | NVM | NVM |
| Eosinophil count (K/uL) | 0.08 ± 0.01\*\* | 0.08 ± 0.02 | 0.08 ± 0.01 | 0.09 ± 0.02 | 0.07 ± 0.02 | 0.05 ± 0.01 | 0.04 ± 0.01 | 0.08 ± 0.02 | 0.03 ± 0.01\*\* | 0.04 ± 0.01\* | 4.428 | 1.564 |

Values given as mean ± SEM (N) of animals that survived to study termination.

Statistical analysis were performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

\* Statistically significant at p ≤ 0.05

\*\* Statistically significant at p ≤ 0.01

One value for Eosinophils in the male 1.4 mg/kg group were excluded due to analysis problems.

One value for Platelets in the male 333 mg/kg group were excluded because they were outliers.

BMD1Std and BMDL1Std: Benchmark response (BMR) set at 1 standard deviation from the mean.

NVM = no viable model