

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 10 Hematology (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
%Mono (%)	-1	Mean	3.3 I ¹	3.6	3.0	3.4	3.1	2.8
		S.D.	0.8	0.9	0.9	0.5	1.4	0.9
		N	4	4	4	4	4	4
	1	Mean	4.1 I ¹	3.3	3.2	3.4	2.9	3.1
		S.D.	1.7	0.9	0.6	0.5	0.9	1.2
		N	4	4	4	4	4	4
	2	Mean	3.9 I ¹	3.4	2.9	3.4	2.9	3.7
		S.D.	0.6	0.5	0.5	1.1	1.0	1.5
		N	4	4	4	4	4	4
	3	Mean	3.4 I ¹	3.7	2.7	3.0	2.2	2.8
		S.D.	1.1	1.2	0.5	0.7	1.4	1.1
		N	4	4	4	4	4	3
	4	Mean	3.5 I ¹	4.6	3.1	3.2	2.7	3.4
		S.D.	1.2	1.4	0.7	0.7	1.0	2.6
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

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Table 10 Hematology (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
%Eos (%)	-1	Mean	0.8 ¹	1.2	0.9	0.5	1.2	0.5
		S.D.	0.4	1.0	0.7	0.3	0.9	0.3
		N	4	4	4	4	4	4
	1	Mean	0.6 ¹	0.7	0.6	0.4	0.6	0.3
		S.D.	0.2	0.6	0.2	0.3	0.4	0.2
		N	4	4	4	4	4	4
	2	Mean	0.7 ^{L2}	0.9	0.6	0.5	1.0	0.2
		S.D.	0.2	0.5	0.3	0.4	0.8	0.1
		N	4	4	4	4	4	4
	3	Mean	0.5 ^{R3}	0.7	0.7	0.5	1.5	0.3
		S.D.	0.1	0.5	0.6	0.2	2.3	0.1
		N	4	4	4	4	4	3
	4	Mean	0.5 ^{L2}	0.6	0.8	0.4	1.4	0.3
		S.D.	0.1	0.5	0.5	0.3	1.6	0.3
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [L - Automatic Transformation Selected: Log]

3 [R - Automatic Transformation Selected: Rank]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 10 Hematology (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
%Baso (%)	-1	Mean	0.4 ¹	0.4	0.4	0.3	0.5	0.3
		S.D.	0.2	0.1	0.2	0.1	0.1	0.1
		N	4	4	4	4	4	4
	1	Mean	0.3 ¹	0.3	0.4	0.3	0.3	0.4
		S.D.	0.1	0.0	0.1	0.1	0.1	0.1
		N	4	4	4	4	4	4
	2	Mean	0.3 ¹	0.4	0.3	0.4	0.4	0.3
		S.D.	0.1	0.1	0.2	0.1	0.1	0.1
		N	4	4	4	4	4	4
	3	Mean	0.3 ¹	0.3	0.3	0.4	0.3	0.3
		S.D.	0.1	0.1	0.2	0.1	0.0	0.1
		N	4	4	4	4	4	3
4	Mean	0.2 ¹	0.4	0.3	0.3	0.3	0.4	
	S.D.	0.1	0.2	0.1	0.1	0.1	0.2	
	N	4	4	4	4	4	3	

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 10 Hematology (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
%LUC (%)	-1	Mean	0.4 R ¹	0.5	0.6	0.5	0.7	0.5
		S.D.	0.3	0.4	0.2	0.1	0.3	0.1
		N	4	4	4	4	4	4
	1	Mean	0.5 I ²	0.5	0.5	0.5	0.4	0.4
		S.D.	0.3	0.3	0.3	0.1	0.1	0.2
		N	4	4	4	4	4	4
	2	Mean	0.5 I ²	0.6	0.5	0.5	0.6	0.5
		S.D.	0.3	0.3	0.3	0.2	0.3	0.3
		N	4	4	4	4	4	4
	3	Mean	0.5 I ²	0.5	0.5	0.5	0.7	0.3
		S.D.	0.3	0.2	0.3	0.2	0.6	0.1
		N	4	4	4	4	4	3
4	Mean	0.4 I ²	0.5	0.5	0.4	0.6	0.4	
	S.D.	0.3	0.4	0.1	0.2	0.3	0.2	
	N	4	4	4	4	4	3	

1 [R - Automatic Transformation Selected: Rank]

2 [I - Automatic Transformation Selected: Identity (No Transformation)]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 10 Hematology (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
#Neut (10 ³ /μL)	-1	Mean	4.74 ¹	2.76	4.35	4.09	3.11	2.01
		S.D.	1.57	2.09	2.35	1.81	0.92	1.09
		N	4	4	4	4	4	4
	1	Mean	4.71 ¹	3.60	3.43	4.35	3.22	3.62
		S.D.	3.01	2.10	1.34	1.35	0.70	1.81
		N	4	4	4	4	4	4
	2	Mean	4.21 ¹	2.30	4.85	4.70	3.58	4.92
		S.D.	0.99	0.52	2.04	2.45	1.74	1.63
		N	4	4	4	4	4	4
	3	Mean	7.47 ¹	2.05 ^{d²}	5.08	3.53	3.84	6.70
		S.D.	2.46	0.56	2.50	1.10	2.23	4.97
		N	4	4	4	4	4	3
	4	Mean	6.63 ¹	3.33	4.16	4.20	2.86 ^{d²}	5.68
		S.D.	1.18	0.96	1.87	1.88	0.67	3.63
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [d - Test: Dunnett 2 Sided p < 0.05]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 10 Hematology (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
#Lymph (10 ³ /μL)	-1	Mean	5.91 ¹	6.26	7.56	6.21	7.58	5.87
		S.D.	2.36	2.36	2.66	0.55	1.28	0.63
		N	4	4	4	4	4	4
	1	Mean	5.22 ¹	5.04	6.03	5.00	4.20	3.21
		S.D.	1.72	2.23	2.79	1.01	1.00	1.40
		N	4	4	4	4	4	4
	2	Mean	5.82 ¹	5.87	6.28	6.65	5.25	3.61
		S.D.	1.75	2.48	2.99	0.78	1.31	1.68
		N	4	4	4	4	4	4
	3	Mean	5.42 ¹	4.91	5.84	6.10	4.65	3.90
		S.D.	1.65	2.36	2.64	0.82	1.24	1.42
		N	4	4	4	4	4	3
	4	Mean	5.11 ¹	5.30	6.07	6.25	5.15	3.86
		S.D.	1.41	2.40	2.95	0.94	1.74	1.39
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 10 Hematology (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
#Mono (10 ³ /μL)	-1	Mean	0.37 1 ¹	0.35	0.40	0.37	0.33	0.22
		S.D.	0.12	0.11	0.24	0.11	0.11	0.07
		N	4	4	4	4	4	4
	1	Mean	0.41 1 ¹	0.32	0.33	0.33	0.23	0.22
		S.D.	0.17	0.20	0.17	0.04	0.07	0.14
		N	4	4	4	4	4	4
	2	Mean	0.42 1 ¹	0.30	0.35	0.40	0.26	0.32
		S.D.	0.14	0.13	0.18	0.13	0.04	0.12
		N	4	4	4	4	4	4
	3	Mean	0.44 1 ¹	0.29	0.32	0.30	0.18	0.28
		S.D.	0.11	0.20	0.19	0.08	0.06	0.14
		N	4	4	4	4	4	3
	4	Mean	0.43 1 ¹	0.41	0.34	0.34	0.23	0.33
		S.D.	0.13	0.13	0.20	0.06	0.10	0.26
		N	4	4	4	4	4	3

1 [1 - Automatic Transformation Selected: Identity (No Transformation)]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 10 Hematology (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
#Eos (10 ³ /μL)	-1	Mean	0.08 I ¹	0.12	0.11	0.06	0.12	0.04
		S.D.	0.05	0.10	0.06	0.05	0.08	0.02
		N	4	4	4	4	4	4
	1	Mean	0.06 R ²	0.07	0.06	0.04	0.05	0.02
		S.D.	0.02	0.06	0.02	0.03	0.03	0.01
		N	4	4	4	4	4	4
	2	Mean	0.08 L ³	0.08	0.07	0.05	0.09	0.02 d ⁴
		S.D.	0.03	0.06	0.04	0.03	0.06	0.00
		N	4	4	4	4	4	4
	3	Mean	0.06 R ²	0.06	0.07	0.04	0.10	0.02
		S.D.	0.01	0.06	0.05	0.02	0.13	0.01
		N	4	4	4	4	4	3
	4	Mean	0.06 L ³	0.06	0.08	0.04	0.10	0.04
		S.D.	0.01	0.05	0.07	0.03	0.10	0.03
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

3 [L - Automatic Transformation Selected: Log]

2 [R - Automatic Transformation Selected: Rank]

4 [d - Test: Dunnett 2 Sided p < 0.05]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 10 Hematology (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
#Baso (10 ³ /μL)	-1	Mean	0.05 I ¹	0.04	0.06	0.04	0.05	0.03
		S.D.	0.02	0.02	0.05	0.02	0.02	0.01
		N	4	4	4	4	4	4
	1	Mean	0.03 I ¹	0.03	0.04	0.02	0.02	0.03
		S.D.	0.01	0.01	0.03	0.01	0.01	0.02
		N	4	4	4	4	4	4
	2	Mean	0.04 I ¹	0.04	0.04	0.04	0.03	0.02
		S.D.	0.02	0.02	0.03	0.00	0.01	0.01
		N	4	4	4	4	4	4
	3	Mean	0.04 I ¹	0.03	0.04	0.04	0.02	0.03
		S.D.	0.02	0.02	0.03	0.01	0.00	0.03
		N	4	4	4	4	4	3
	4	Mean	0.03 R ²	0.03	0.04	0.03	0.03	0.04
		S.D.	0.00	0.03	0.03	0.01	0.01	0.03
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [R - Automatic Transformation Selected: Rank]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 10 Hematology (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
#LUC (10 ³ /μL)	-1	Mean	0.05 L ¹	0.06	0.08	0.05	0.08	0.04
		S.D.	0.03	0.05	0.05	0.01	0.02	0.01
		N	4	4	4	4	4	4
	1	Mean	0.05 R ²	0.04	0.06	0.05	0.03	0.02
		S.D.	0.04	0.03	0.06	0.01	0.01	0.00
		N	4	4	4	4	4	4
	2	Mean	0.06 I ³	0.06	0.06	0.06	0.05	0.05
		S.D.	0.04	0.04	0.05	0.02	0.02	0.02
		N	4	4	4	4	4	4
	3	Mean	0.06 I ³	0.04	0.06	0.05	0.05	0.03
		S.D.	0.03	0.02	0.06	0.02	0.03	0.01
		N	4	4	4	4	4	3
	4	Mean	0.05 I ³	0.06	0.06	0.04	0.05	0.04
		S.D.	0.03	0.05	0.04	0.01	0.02	0.02
		N	4	4	4	4	4	3

1 [L - Automatic Transformation Selected: Log]

2 [R - Automatic Transformation Selected: Rank]

3 [I - Automatic Transformation Selected: Identity (No Transformation)]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 10 Hematology (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
PT (s)	-1	Mean	9.9 I ¹	10.0	10.0	10.1	10.3	9.8
		S.D.	0.3	0.6	0.5	0.4	0.5	0.3
		N	4	4	4	4	4	4
	1	Mean	10.1 I ¹	10.1	10.3	10.4	10.6	12.8 dd ³
		S.D.	0.3	0.5	0.8	0.7	0.8	1.1
		N	4	4	4	4	4	4
	2	Mean	10.0 R ²	9.9	10.1	10.1	10.5	16.8
		S.D.	0.5	0.3	0.7	0.7	1.1	6.0
		N	4	4	4	4	4	4
	3	Mean	10.0 I ¹	10.2	10.4	10.4	10.9	13.0 dd ³
		S.D.	0.5	0.5	0.5	0.5	0.9	1.4
		N	4	4	4	4	4	3
	4	Mean	10.1 R ²	10.2	10.1	10.4	10.9	15.2
		S.D.	0.4	0.4	0.4	0.5	0.8	5.3
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [R - Automatic Transformation Selected: Rank]

3 [dd - Test: Dunnett 2 Sided p < 0.01]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 10 Hematology (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
APTT (s)	-1	Mean	24.0 ¹	24.2	23.8	23.5	23.8	23.6
		S.D.	1.1	2.5	1.6	1.7	2.2	2.6
		N	4	4	4	4	4	4
	1	Mean	24.3 ¹	24.7	24.3	23.6	23.7	28.2
		S.D.	1.3	2.9	1.6	1.4	2.2	2.6
		N	4	4	4	4	4	4
	2	Mean	24.1 ^{L²}	24.2	23.8	23.3	23.7	33.2 ^{dd³}
		S.D.	1.4	3.2	1.5	1.6	1.6	7.3
		N	4	4	4	4	4	4
	3	Mean	23.8 ¹	25.1	24.6	23.5	24.3	29.2 ^{d⁴}
		S.D.	1.4	3.3	1.6	1.5	2.0	4.6
		N	4	4	4	4	4	3
	4	Mean	23.9 ¹	24.7	24.2	23.6	24.3	30.3 ^{dd³}
		S.D.	1.3	3.0	1.4	1.4	1.5	4.3
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

3 [dd - Test: Dunnett 2 Sided p < 0.01]

2 [L - Automatic Transformation Selected: Log]

4 [d - Test: Dunnett 2 Sided p < 0.05]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 10 Hematology (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
Fib (mg/dL)	-1	Mean	188.3 ¹	175.2	192.0	189.9	191.6	163.9
		S.D.	16.7	30.9	12.8	25.3	59.7	20.8
		N	4	4	4	4	4	4
	1	Mean	217.4 ¹	211.2	220.0	232.9	206.7	232.7
		S.D.	12.7	54.9	15.7	27.2	33.4	53.4
		N	4	4	4	4	4	4
	2	Mean	199.0 ¹	189.9	199.5	214.7	191.9	208.6
		S.D.	22.7	44.5	6.4	19.6	46.0	56.9
		N	4	4	4	4	4	4
	3	Mean	204.0 ¹	186.9	203.0	206.9	180.7	178.1
		S.D.	16.4	34.7	4.8	14.4	42.2	32.5
		N	4	4	4	4	4	3
	4	Mean	216.3 ²	192.6	204.2	209.5	186.2	201.9
		S.D.	20.4	41.3	4.9	18.4	34.8	85.8
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [R - Automatic Transformation Selected: Rank]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 11 Hematology (females)

Sex: Female			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
RBC (10 ⁶ /μL)	-1	Mean	5.78 I ¹	5.83	5.89	5.96	5.33	6.25
		S.D.	0.27	0.53	0.21	0.35	0.11	0.54
		N	4	4	4	4	4	4
	1	Mean	5.41 I ¹	5.50	5.30	5.47	5.06	5.96
		S.D.	0.24	0.55	0.13	0.36	0.27	0.51
		N	4	4	4	4	4	4
	2	Mean	5.64 I ¹	5.61	5.32	5.45	5.05 d ³	5.73
		S.D.	0.13	0.50	0.16	0.35	0.20	0.29
		N	4	4	4	4	4	4
	3	Mean	5.50 I ¹	5.43	5.27	5.35	4.94 d ³	5.22 n1 ⁴
		S.D.	0.12	0.51	0.20	0.25	0.14	.
		N	4	4	4	4	4	1
	4	Mean	5.67 R ²	5.48	5.35	5.55	5.15	5.56 n1 ⁴
		S.D.	0.16	0.52	0.24	0.17	0.06	.
		N	4	4	4	4	4	1

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

3 [d - Test: Dunnett 2 Sided p < 0.05]

2 [R - Automatic Transformation Selected: Rank]

4 [n1 - This group has only one value: Data was not statistically analyzed.]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 11 Hematology (females)

Sex: Female			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
HGB (g/dL)	-1	Mean	13.6 I ¹	13.7	14.2	14.1	13.0	14.1
		S.D.	0.5	0.4	0.5	0.7	0.3	0.6
		N	4	4	4	4	4	4
	1	Mean	12.8 I ¹	12.8	12.7	12.9	12.4	13.4
		S.D.	0.4	0.5	0.7	0.6	0.5	0.6
		N	4	4	4	4	4	4
	2	Mean	13.3 I ¹	13.1	12.8	12.8	12.3	12.8
		S.D.	0.5	0.5	0.5	0.6	0.5	0.6
		N	4	4	4	4	4	4
	3	Mean	13.0 I ¹	12.7	12.6	12.6	12.1	12.5 n ^{1 2}
		S.D.	0.6	0.5	0.7	0.4	0.5	.
		N	4	4	4	4	4	1
	4	Mean	13.3 I ¹	12.8	12.7	13.1	12.6	13.4 n ^{1 2}
		S.D.	0.7	0.7	0.3	0.2	0.4	.
		N	4	4	4	4	4	1

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [n1 - This group has only one value: Data was not statistically analyzed.]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 11 Hematology (females)

Sex: Female			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
HCT (%)	-1	Mean	45.3 I ¹	46.0	46.6	47.4	42.0	46.3
		S.D.	2.2	3.6	2.0	2.1	0.8	2.4
		N	4	4	4	4	4	4
	1	Mean	43.5 I ¹	43.1	41.1	42.0	39.2 d ²	43.3
		S.D.	1.4	2.9	1.1	1.4	1.8	2.3
		N	4	4	4	4	4	4
	2	Mean	44.6 I ¹	44.0	41.3	42.2	39.5 d ²	40.2 d ²
		S.D.	1.6	3.8	0.5	1.0	2.1	2.4
		N	4	4	4	4	4	4
	3	Mean	44.9 I ¹	43.7	41.6	41.9	39.0 dd ³	38.9 n1 ⁴
		S.D.	2.4	3.0	1.6	0.9	1.5	.
		N	4	4	4	4	4	1
	4	Mean	46.6 I ¹	44.2	42.5 d ²	44.8	42.2 d ²	42.5 n1 ⁴
		S.D.	2.7	2.7	0.9	1.1	2.1	.
		N	4	4	4	4	4	1

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

3 [dd - Test: Dunnett 2 Sided p < 0.01]

2 [d - Test: Dunnett 2 Sided p < 0.05]

4 [n1 - This group has only one value: Data was not statistically analyzed.]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 11 Hematology (females)

Sex: Female			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
MCV (fL)	-1	Mean	78.4 I ¹	79.0	79.1	79.8	78.8	74.4
		S.D.	4.2	4.2	3.0	5.1	2.8	5.0
		N	4	4	4	4	4	4
	1	Mean	80.4 I ¹	78.6	77.6	76.9	77.5	72.8
		S.D.	4.1	6.2	2.9	3.7	3.1	3.5
		N	4	4	4	4	4	4
	2	Mean	79.1 I ¹	78.7	77.5	77.5	78.0	70.4 d ²
		S.D.	4.2	5.2	2.8	3.9	3.2	5.6
		N	4	4	4	4	4	4
	3	Mean	81.7 I ¹	80.8	79.0	78.5	78.9	74.5 n ^{1 3}
		S.D.	4.8	5.7	2.6	3.1	3.4	.
		N	4	4	4	4	4	1
	4	Mean	82.2 I ¹	80.9	79.6	80.7	82.0	76.5 n ^{1 3}
		S.D.	4.4	4.7	2.2	3.5	4.7	.
		N	4	4	4	4	4	1

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [d - Test: Dunnett 2 Sided p < 0.05]

3 [n1 - This group has only one value: Data was not statistically analyzed.]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 11 Hematology (females)

Sex: Female			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
MCH (pg)	-1	Mean	23.5 I ¹	23.6	24.1	23.7	24.5	22.6
		S.D.	1.4	2.0	1.4	1.1	0.7	1.5
		N	4	4	4	4	4	4
	1	Mean	23.6 I ¹	23.4	24.0	23.6	24.4	22.6
		S.D.	1.3	2.0	1.6	1.0	0.9	1.5
		N	4	4	4	4	4	4
	2	Mean	23.5 I ¹	23.4	24.1	23.5	24.4	22.5
		S.D.	1.3	1.9	1.6	0.7	0.8	1.6
		N	4	4	4	4	4	4
	3	Mean	23.6 I ¹	23.5	23.9	23.6	24.4	24.0 n1 ²
		S.D.	1.3	1.7	1.5	1.1	0.8	.
		N	4	4	4	4	4	1
	4	Mean	23.4 I ¹	23.4	23.7	23.5	24.5	24.1 n1 ²
		S.D.	1.2	1.7	1.3	0.9	0.9	.
		N	4	4	4	4	4	1

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [n1 - This group has only one value: Data was not statistically analyzed.]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 11 Hematology (females)

Sex: Female			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
MCHC (g/dL)	-1	Mean	30.0 ¹	29.9	30.5	29.7	31.0	30.4
		S.D.	0.9	1.8	1.3	1.5	0.5	0.4
		N	4	4	4	4	4	4
	1	Mean	29.3 ¹	29.8	30.9	30.7	31.6 ^{d2}	31.1
		S.D.	0.6	2.2	1.2	0.6	0.5	0.6
		N	4	4	4	4	4	4
	2	Mean	29.7 ¹	29.8	31.0	30.4	31.2	31.9
		S.D.	0.4	2.0	1.4	0.9	0.7	0.8
		N	4	4	4	4	4	4
	3	Mean	28.8 ¹	29.1	30.2	30.1	30.9	32.2 ⁿ¹³
		S.D.	0.5	1.7	1.4	1.0	0.6	.
		N	4	4	4	4	4	1
	4	Mean	28.5 ¹	29.0	29.8	29.2	29.9	31.5 ⁿ¹³
		S.D.	0.8	1.3	0.9	0.9	0.8	.
		N	4	4	4	4	4	1

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [d - Test: Dunnett 2 Sided p < 0.05]

3 [n1 - This group has only one value: Data was not statistically analyzed.]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 11 Hematology (females)

Sex: Female			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
%Retic (%)	-1	Mean	1.1 I ¹	0.9	1.1	1.1	1.3	0.8
		S.D.	0.2	0.2	0.1	0.5	0.4	0.3
		N	4	4	4	4	4	4
	1	Mean	2.3 L ²	2.4	1.7	1.2	1.7	1.1
		S.D.	0.4	1.7	0.9	0.2	0.7	0.6
		N	4	4	4	4	4	4
	2	Mean	2.1 I ¹	1.8	2.0	1.8	2.1	1.4
		S.D.	0.4	1.0	1.2	0.5	0.6	0.7
		N	4	4	4	4	4	4
	3	Mean	2.0 I ¹	2.3	1.9	2.1	2.1	3.1 n1 ³
		S.D.	0.5	0.8	0.8	0.5	0.4	.
		N	4	4	4	4	4	1
	4	Mean	2.3 I ¹	1.8	2.2	2.4	2.5	2.6 n1 ³
		S.D.	0.6	0.8	0.5	0.6	0.2	.
		N	4	4	4	4	4	1

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [L - Automatic Transformation Selected: Log]

3 [n1 - This group has only one value: Data was not statistically analyzed.]