Supplement Table 1

Blood Glucose Levels in Non-Diabetic Female NOD Mice Exposed to Genistein for up to 180 Days

Parameter	Naive	Vehicle	GEN (mg/kg)			H/NH	Trend Analysis
			2	6	20		
Week 1	165 ± 5* (23)	136 ± 5 (24)	152 ± 5 (24)	154 ± 4 (24)	152 ± 6 (24)	H	NS
Week 2	128 ± 3 (23)	132 ± 2 (23)	135 ± 3 (24)	128 ± 3 (24)	138 ± 2 (24)	H	NS
Week 3	143 ± 3 (23)	132 ± 4 (23)	149 ± 7 (24)	136 ± 5 (24)	131 ± 4 (24)	H	NS
Week 4	117 ± 2 (23)	120 ± 1 (23)	112 ± 2* (24)	112 ± 2* (24)	119 ± 2 (24)	H	NS
Week 5	124 ± 3 (23)	129 ± 4 (23)	136 ± 4 (24)	142 ± 4* (24)	126 ± 4 (23)	H	NS
Week 6	117 ± 3 (23)	118 ± 2 (23)	116 ± 2 (24)	114 ± 3 (24)	118 ± 2 (23)	H	NS
Week 7	126 ± 4 (22)	140 ± 4 (23)	142 ± 4 (24)	137 ± 7 (23)	149 ± 5 (23)	H	NS
Week 8	120 ± 2 (21)	117 ± 3 (22)	117 ± 2 (23)	117 ± 3 (22)	119 ± 4 (22)	H	NS
Week 9	142 ± 5 (21)	140 ± 4 (21)	131 ± 5 (22)	137 ± 4 (22)	130 ± 3 (21)	H	NS
Week 10	127 ± 4 (20)	123 ± 3 (22)	118 ± 2 (22)	129 ± 5 (21)	131 ± 6 (21)	H	NS
Week 11	141 ± 7 (20)	135 ± 6 (20)	116 ± 3* (22)	133 ± 5 (21)	128 ± 4 (21)	H	NS
Week 12	138 ± 7 (20)	140 ± 7 (19)	121 ± 3 (22)	135 ± 6 (21)	122 ± 5 (20)	H	NS
Week 13	142 ± 10 (14)	148 ± 6 (16)	153 ± 5 (22)	161 ± 5 (18)	132 ± 7 (18)	H	NS
Week 14	148 ± 8 (14)	148 ± 8 (13)	134 ± 6 (22)	144 ± 7 (16)	133 ± 6 (17)	H	NS
Week 15	157 ± 11 (10)	168 ± 10 (11)	134 ± 5* (19)	157 ± 13 (16)	131 ± 7* (17)	H	NS
Week 16	139 ± 10 (9)	136 ± 10 (9)	126 ± 3 (19)	153 ± 9 (18)	126 ± 5 (16)	H	NS
Week 17	158 ± 13 (8)	152 ± 7 (8)	153 ± 9 (17)	158 ± 9 (14)	146 ± 8 (16)	H	NS
Week 18	162 ± 25 (4)	157 ± 16 (6)	153 ± 11 (17)	161 ± 10 (15)	140 ± 9 (17)	H	NS
Week 19	135 ± 8 (3)	141 ± 12 (5)	155 ± 12 (15)	148 ± 13 (12)	139 ± 7 (14)	H	NS
Week 20	147 ± 19 (4)	138 ± 11 (5)	152 ± 11 (15)	159 ± 8 (15)	135 ± 7 (16)	H	NS
Week 21	178 ± 25 (4)	148 ± 12 (5)	151 ± 12 (12)	145 ± 6 (15)	160 ± 11 (15)	H	NS
Week 22	152 ± 7 (3)	157 ± 12 (4)	158 ± 14 (8)	169 ± 11 (13)	141 ± 7 (12)	H	NS
Week 23	132 ± 11 (3)	164 ± 15 (5)	164 ± 12 (13)	161 ± 11 (12)	151 ± 11 (16)	NH	p ≤ 0.05
Week 24	179 ± 11* (3)	122 ± 10 (4)	137 ± 10 (9)	146 ± 10 (12)	141 ± 6 (14)	NH	NS
Week 25	175 ± 26 (3)	140 ± 11 (4)	148 ± 13 (8)	152 ± 11 (12)	141 ± 8 (14)	NH	NS
Week 26	NA	221 ± 13 (2)	188 ± 12 (3)	183 ± 41 (3)	194 ± 13 (11)	NH	NS

Female NOD mice were either untreated (Naïve), or administered vehicle (25 mM Na_2CO_3) or genistein (GEN) by gavage daily for up to 180 days. Blood glucose levels were measured as described. Values represent the mean ± SE derived from the number of animals indicated in parentheses. H = homogeneous data and NH = non-homogeneous data. *, $p ≤ 0.05$ when compared to vehicle control. NS = Not Significant. NA = Not applicable because all mice were diabetic.