THERMAL LATENCY

Intraplantar administration of adiponectin 3 hours post carrageenan into left hindpaw

Treatment: Intraplantar drug-vehicle (saline)

Animal	1		2		3		4		5		6					
Time	right	left	right	left	right	left	right	left	right	left	right	left	Mean Right	Mean Left	Sem Right	Sem Left
0	12.8	14.6	15.1	14.5	10.3	12.3	14.2	14.2	12.0	9.4	11.4	11.4	12.6	12.7	0.7	0.9
2	13.5	11.2	14.6	10.7	11.3	10.9	15.1	8.2	11.9	7.8	12.2	11.6	13.1	10.1	0.6	0.7
4	14.6	9.8	13.4	11.0	9.8	12.3	12.5	4.5	12.1	5.4	10.7	6.2	12.2	8.2	0.7	1.3
6	15.3	9.6	12.8	9.9	8.2	6.9	15.4	6.2	14.9	4.6	10.7	7.0	12.9	7.4	1.2	0.8
8	14.5	12.3	14.1	11.5	9.2	8.3	15.8	9.9	12.6	5.1	10.2	10.4	12.7	9.6	1.1	1.1
24	13.4	13.8	14.6	13.9	10.2	9.7	16.0	10.4	10.4	5.5	13.7	13.2	13.0	11.1	1.0	1.3
Tmax	6	6	2	6	8	6	4	4	6	6	6	6	5.3	5.7	0.8	0.3
Emax	-18.9	34.1	14.7	32.0	20.4	43.9	12.0	68.3	-24.2	51.1	5.9	38.6	1.7	44.7	7.6	5.5

Treatment: Intraplantar adiponectin (5000 ng)

Animal	1		2		3		4		5		6					
Time	right	left	right	left	right	left	right	left	right	left	right	left	Mean Right	Mean Left	Sem Right	Sem Left
0	11.9	12.0	12.2	11.1	12.4	12.8	11.6	11.9	12.1	12.2	11.8	11.3	12.0	11.9	0.1	0.3
2	13.0	8.2	12.0	8.8	12.8	8.4	11.4	7.9	11.8	10.5	12.1	6.7	12.2	8.4	0.2	0.5
4	11.6	9.6	11.5	8.2	12.3	9.9	11.6	10.4	12.0	8.7	10.6	4.2	11.6	8.5	0.2	0.9
6	12.7	8.7	13.6	8.1	11.6	8.1	10.8	8.2	11.7	10.1	10.4	8.5	11.8	8.6	0.5	0.3
8	9.6	6.5	12.9	11.3	10.7	11.0	10.4	7.3	12.0	9.2	11.8	10.3	11.2	9.3	0.5	0.8
24	11.6	13.0	12.2	12.9	11.5	13.5	11.8	10.8	10.8	8.6	12.0	12.2	11.7	11.8	0.2	0.8
Emax	18.8	45.6	5.3	26.9	13.7	36.5	0.3	38.5	10.7	28.9	11.3	62.8	10.0	39.9	2.7	5.4

Treatment: Intraplantar adiponectin (1000 ng)

Animal	1		2		3		4		5							
Time	right	left	right	left	right	left	right	left	right	left			Mean Right	Mean Left	Sem Right	Sem Left
0	12.6	11.5	12.6	12.9	13.4	14.0	10.0	10.0	11.9	12.5			12.1	12.2	0.5	0.6
2	12.8	11.4	12.8	12.1	13.3	12.8	13.1	12.0	13.2	10.1			13.0	11.7	0.1	0.4
4	11.8	8.6	11.9	5.3	13.5	8.7	10.7	7.2	12.7	9.6			12.1	7.9	0.4	0.7
6	11.4	8.4	11.7	8.3	12.2	8.9	11.7	8.5	12.2	9.2			11.8	8.7	0.1	0.2
8	10.1	7.0	11.7	10.9	11.8	10.2	11.7	11.8	10.0	9.6			11.1	9.9	0.4	0.7
24	13.0	8.8	12.7	10.6	13.0	11.0	15.2	14.7	12.9	12.8			13.4	11.6	0.4	0.9
Emax	19.4	38.9	7.1	58.5	11.8	37.6	-7.5	27.9	-10.6	26.6			4.0	37.9	5.2	5.2

Treatment: Intraplantar adiponectin (100 ng)

Animal	1		2		3		4		5		6					
Time	right	left	right	left	right	left	right	left	right	left	right	left	Mean Right	Mean Left	Sem Right	Sem Left
0	10.4	10.4	12.7	12.0	11.5	10.6	11.0	11.9	12.6	13.3	13.6	11.5	12.0	11.6	0.5	0.5
2	10.4	6.7	12.5	7.8	11.4	6.9	11.4	7.4	12.2	13.7	13.5	11.4	11.9	9.3	0.4	1.3
4	13.0	7.0	11.7	7.6	12.1	6.8	11.5	8.1	11.8	9.5	11.7	8.6	11.9	7.9	0.2	0.5
6	10.9	7.8	12.5	6.8	11.8	10.0	10.8	8.1	13.3	12.5	12.7	8.5	12.0	9.1	0.4	0.9
8	10.9	6.3	11.5	7.3	12.2	10.9	9.8	8.4	12.4	12.3	14.5	9.6	11.9	9.3	0.7	1.0
24	11.6	12.1	11.2	10.0	10.9	12.6	11.6	10.9	12.4	13.5	14.1	12.5	12.0	12.1	0.5	0.5
Emax	0.3	39.4	11.5	43.5	4.7	35.8	11.4	32.3	6.4	28.8	14.4	26.3	8.1	34.4	2.2	2.7

MECHANICAL THRESHOLDS

Intraplantar administration of adiponectin 3 hours post carrageenan into left hindpaw

Treatment: Intraplantar drug-vehicle (saline)

Animal	1		2		3		4		5		6					
Time	right	left	right	left	right	left	right	left	right	left	right	left	Mean Right	Mean Left	Sem Right	Sem Left
0	50.0	48.7	49.2	50.0	50.0	50.0	49.8	50.0	47.5	47.7	50.0	47.0	49.4	48.9	0.4	0.5
2	49.0	43.3	50.0	41.5	50.0	38.0	50.0	49.8	39.0	41.0	50.0	45.0	48.0	43.1	1.8	1.7
4	49.5	35.1	50.0	27.5	44.8	29.7	49.2	29.0	44.7	24.7	50.0	23.0	48.0	28.2	1.0	1.7
6	48.3	24.2	48.8	24.3	50.0	25.8	50.0	29.4	43.8	18.2	48.0	28.1	48.1	25.0	0.9	1.6
8	49.8	32.1	49.1	24.3	50.0	25.8	50.0	39.9	43.8	18.2	50.0	27.5	48.8	28.0	1.0	3.0
24	49.2	40.7	50.0	49.3	50.0	21.0	49.8	31.5	42.7	33.2	50.0	38.2	48.6	35.6	1.2	3.9
Emax	3.5	50.3	0.7	51.3	10.4	48.4	0.0	42.0	17.9	61.8	4.0	51.1	6.08	50.8	2.81	2.63

Treatment: Intraplantar adiponectin (5000 ng)

Animal	1		2		3		4		5		6					
Time	right	left	right	left	right	left	right	left	right	left	right	left	Mean Right	Mean Left	Sem Right	Sem Left
0	50.0	50.0	48.0	48.2	50.0	47.5	49.5	50.0	50.0	50.0	50.0	50.0	49.6	49.3	0.3	0.5
2	50.0	45.3	47.5	39.7	49.7	38.5	50.0	41.0	49.2	41.9	48.5	40.8	49.1	41.2	0.4	1.0
4	50.0	26.8	50.0	19.5	48.2	28.7	50.0	33.3	50.0	36.3	50.0	31.8	49.7	29.4	0.3	2.4
6	50.0	27.3	49.0	25.8	50.0	19.4	50.0	34.2	50.0	25.7	50.0	17.4	49.8	25.0	0.2	2.5
8	50.0	24.6	48.5	24.7	50.0	21.3	48.8	21.0	50.0	28.5	50.0	37.2	49.6	26.2	0.3	2.5
24	47.0	38.0	50.0	33.0	50.0	42.2	49.0	37.5	50.0	38.5	49.2	30.8	49.2	36.7	0.5	1.7
Emax	6.0	50.8	-4.2	59.5	3.7	59.2	1.0	58.0	1.7	48.6	3.0	65.2	1.9	56.9	1.4	2.5

Treatment: Intraplantar adiponectin (1000 ng)

Animal	1		2		3		4		5							
Time	right	left	right	left	right	left	right	left	right	left			Mean Right	Mean Left	Sem Right	Sem Left
0	50.0	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0			50.0	49.9	0.0	0.1
2	50.0	41.2	50.0	46.0	50.0	46.0	49.8	48.7	50.0	50.0			50.0	46.4	0.0	1.4
4	50.0	16.5	50.0	42.5	50.0	39.3	50.0	22.9	50.0	39.4			50.0	32.1	0.0	4.8
6	47.1	25.5	42.5	24.5	48.5	27.9	48.3	31.2	50.0	49.8			47.3	31.8	1.2	4.3
8	48.0	28.5	48.7	39.8	50.0	48.2	48.3	31.3	49.0	44.3			48.8	38.4	0.3	3.4
24	50.0	38.5	50.0	41.8	48.0	47.1	49.5	49.8	50.0	44.6			49.5	44.4	0.4	1.8
Emax	5.7	66.6	15.0	51.0	3.0	44.2	3.3	54.3	2.0	21.3			5.8	47.5	2.2	6.9

Treatment: Intraplantar adiponectin (100 ng)

Animal	1		2		3		4		5		6					
Time	right	left	right	left	right	left	right	left	right	left	right	left	Mean Right	Mean Left	Sem Right	Sem Left
0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.3	50.0	50.0	50.0	50.0	50.0	49.9	0.0	0.1
2	50.0	40.4	49.8	42.6	50.0	45.7	50.0	46.8	49.8	43.7	50.0	48.2	49.9	44.6	0.0	1.2
4	50.0	37.6	49.2	27.2	48.5	32.9	50.0	44.4	50.0	44.5	50.0	39.2	49.6	37.6	0.3	2.8
6	50.0	20.8	50.0	26.3	49.2	36.9	50.0	34.2	50.0	30.6	49.7	33.8	49.8	30.4	0.1	2.4
8	48.0	37.5	50.0	29.6	50.0	40.3	50.0	40.6	49.8	30.6	50.0	31.0	49.6	34.9	0.3	2.1
24	49.8	40.5	48.8	39.3	49.8	44.2	50.0	47.0	50.0	50.0	50.0	38.8	49.8	43.3	0.2	1.9
Emax	4.0	58.3	1.7	47.4	3.0	34.3	0.0	30.6	0.3	38.8	0.7	38.0	1.6	41.2	0.7	4.1