

Table 1- Plasma oestradiol and testosterone concentrations in sham, gonadectomised (GonadX) and steroid treated mice.

		Sham	GonadX	Sham + T	GonadX + T	Sham + E	GonadX + E
Oestradiol (E) (pg/ml)	male	<2 (6)	<2 (5)	<2 (6)	<2 (7)	55.9 ± 7.8 (8)	109 ± 14.2 (7)
	female	7.3 ± 1.9 (6)	2.4 ± 0.2 (9)	9.3 ± 3.1 (4)	5.5 ± 1 (4)	73.8 ± 16 (6)	45.6 ± 5.3 (5)
Testosterone (T) (ng/ml)	male	1.4 ± 0.4 (5)	0.2 ± 0.1 (5)	2.5 ± 0.6 (6)	2.2 ± 0.3 (7)	0.7 ± 0.1 (6)	<0.1 (7)
	female	<0.1 (6)	<0.1 (9)	12.1 ± 3.7 (4)	7.3 ± 1.6 (4)	<0.1 (6)	<0.1 (5)

Plasma concentrations of oestradiol and testosterone are expressed as means ± SEM. Number into brackets indicates the number of animals per group.

By three way ANOVA (sex* castration* hormone treatment), hormone values were significantly higher ($p < 0.001$) in the treated groups, with no significant difference according to sex or surgery.