

**Table S1.** Relative organ weight/body weights (%), and relative organ weight/brain weights (%) of parental F0 male and female CD1 mice fed with different doses of PTSO (0, 14, 28 and 55 mg/kg b.w./day). Values are mean and SD for 20 mice/sex/group.

ORGAN WEIGHT TO B.W. RATIOS DATA SUMMARY OF PARENTAL F0 MICE											
PARAMETERS		MALE				PARAMETERS		FEMALE			
		0	14	28	55			0	14	28	55
		N=20	N=20	N=20	N=20			N=20	N=20	N=20	N=20
B	MEAN	1.030	1.086	1.053	0.996	B	MEAN	1.227	1.257	1.211	1.269
	SD	0.095	0.178	0.167	0.140		SD	0.216	0.148	0.148	0.121
L	MEAN	5.028	5.511	4.938	4.553	L	MEAN	5.742	5.469	5.719	5.669
	SD	0.367	1.707	0.880	0.948		SD	0.680	0.637	1.119	0.640
LK	MEAN	0.802	0.700	0.798	0.796	LK	MEAN	0.584	0.607	0.595	0.620
	SD	0.112	0.192	0.147	0.097		SD	0.054	0.161	0.100	0.055
RK	MEAN	0.822	0.866	0.992	0.804	RK	MEAN	0.602	0.572	0.609	0.614
	SD	0.147	0.091	0.159	0.089		SD	0.051	0.048	0.079	0.040
S	MEAN	0.219	0.238	0.231	0.220	S	MEAN	0.381	0.411	0.368	0.357
	SD	0.072	0.050	0.059	0.092		SD	0.070	0.074	0.113	0.065
LA	MEAN	0.014	0.011	0.012	0.013	LA	MEAN	0.019	0.018	0.020	0.021
	SD	0.004	0.006	0.004	0.004		SD	0.004	0.005	0.004	0.008
RA	MEAN	0.012	0.010	0.011	0.011	RA	MEAN	0.019	0.020	0.017	0.021
	SD	0.003	0.002	0.004	0.006		SD	0.004	0.006	0.006	0.007
P	MEAN	0.062	0.075	0.075	0.069						
	SD	0.018	0.017	0.020	0.025						
SV	MEAN	1.213	1.311	1.306	1.166						
	SD	0.423	0.245	0.250	0.237						
ORGAN WEIGHT TO BRAIN RATIOS DATA SUMMARY OF PARENTAL F0 MICE											
PARAMETERS		MALE				PARAMETERS		FEMALE			
		0	14	28	55			0	14	28	55
		N=20	N=20	N=20	N=20			N=20	N=20	N=20	N=20
L	MEAN	491.909	526.185	458.240	464.944	B	MEAN	498.184	441.984	482.873	455.115
	SD	56.351	219.669	153.279	111.834		SD	189.359	90.869	127.586	68.717
LK	MEAN	78.093	69.467	70.926	80.984	L	MEAN	50.486	48.685	49.764	49.366
	SD	9.422	7.265	15.319	12.435		SD	19.048	14.214	9.672	5.495
RK	MEAN	79.870	85.395	89.643	81.713	LK	MEAN	51.446	45.774	50.278	49.421
	SD	12.928	9.466	16.991	11.839		SD	15.452	5.389	7.352	5.721
S	MEAN	21.460	22.444	20.879	24.280	RK	MEAN	32.630	33.745	27.833	28.731
	SD	6.973	6.218	5.933	2.239		SD	11.420	8.536	14.039	5.022
LA	MEAN	1.349	1.071	1.107	1.279	S	MEAN	1.626	1.382	1.631	1.655
	SD	0.405	0.467	0.419	0.393		SD	0.739	0.399	0.329	0.695
RA	MEAN	1.104	0.956	0.960	1.215	LA	MEAN	1.682	1.585	1.431	1.663
	SD	0.301	0.194	0.319	0.354		SD	0.961	0.480	0.506	0.594
P	MEAN	6.006	7.069	6.637	7.142						
	SD	1.808	2.068	2.021	2.842						
SV	MEAN	118.457	123.194	118.682	118.411						
	SD	38.622	27.001	25.130	25.023						

Adrenal Gland (Left): LA; Adrenal Gland (Right): RA; Brain: B; Epididymis (Left): LE; Epididymis (Right): RE; Kidney (Left): LK; Kidney (Right): RK; Liver: L; Prostate: P; Seminal Vesicle: SV; Spleen: S.

**Table S2.** Relative organ weight/body weights (%), and relative organ weight/brain weights (%) of parental F1 male and female CD1 mice fed with different doses of PTSO (0, 14, 28 and 55 mg/kg b.w./day). Values are mean and SD for 20 mice/sex/group.

ORGAN WEIGHT TO B.W. RATIO DATA SUMMARY OF PARENTAL F1 MICE											
PARAMETERS		MALE				PARAMETERS		FEMALE			
		0	14	28	55			0	14	28	55
		N=20	N=20	N=20	N=20			N=20	N=20	N=20	N=20
B	MEAN	1.068	0.964	0.957	1.057	B	MEAN	1.289	1.207	1.236	1.186
	SD	0.119	0.185	0.081	0.161		SD	0.198	0.149	0.173	0.148
L	MEAN	5.243	5.119	4.967	5.102	L	MEAN	5.675	5.194	5.515	5.679
	SD	0.528	0.599	0.668	0.404		SD	0.784	0.480	0.747	0.951
LK	MEAN	0.816	0.722	0.735	0.754	LK	MEAN	0.643	0.568	0.627	0.611
	SD	0.076	0.117	0.078	0.132		SD	0.149	0.069	0.097	0.099
RK	MEAN	0.832	0.754	0.761	0.737	RK	MEAN	0.599	0.569	0.622	0.614
	SD	0.087	0.126	0.093	0.133		SD	0.072	0.054	0.098	0.114
S	MEAN	0.252	0.247	0.226	0.278	S	MEAN	0.377	0.368	0.376	0.361
	SD	0.049	0.051	0.066	0.090		SD	0.092	0.143	0.120	0.106
LA	MEAN	0.016	0.011	0.015	0.017	LA	MEAN	0.020	0.017	0.022	0.020
	SD	0.011	0.006	0.007	0.010		SD	0.008	0.008	0.007	0.010
RA	MEAN	0.018	0.013	0.014	0.016	RA	MEAN	0.019	0.024	0.023	0.021
	SD	0.009	0.004	0.005	0.008		SD	0.005	0.014	0.007	0.011
LT	MEAN	0.292	0.271	0.274	0.299	U	MEAN	0.595	0.486	0.487	0.499
	SD	0.051	0.068	0.060	0.063		SD	0.262	0.164	0.163	0.160
RT	MEAN	0.286	0.278	0.271	0.295	LO	MEAN	0.061	0.066	0.056	0.062
	SD	0.056	0.070	0.082	0.047		SD	0.015	0.032	0.013	0.023
LE	MEAN	0.131	0.116	0.143	0.164	RO	MEAN	0.056	0.080	0.066	0.067
	SD	0.051	0.027	0.066	0.064		SD	0.020	0.043	0.028	0.024
RE	MEAN	0.125	0.123	0.143	0.142						
	SD	0.044	0.034	0.060	0.051						
P	MEAN	0.106	0.104	0.095	0.107						
	SD	0.047	0.035	0.046	0.046						
SV	MEAN	1.017	1.028	1.017	1.002						
	SD	0.094	0.186	0.182	0.214						
ORGAN WEIGHT TO BRAIN RATIO DATA SUMMARY OF PARENTAL F1 MICE											
PARAMETERS		MALE				PARAMETERS		FEMALE			
		0	14	28	55			0	14	28	55
		N=20	N=20	N=20	N=20			N=20	N=20	N=20	N=20
L	MEAN	496.107	547.793	530.050	493.302	L	MEAN	452.506	435.046	451.618	485.054
	SD	73.530	118.418	88.028	84.901		SD	108.454	54.441	73.560	98.720
LK	MEAN	83.978	74.683	78.282	71.643	LK	MEAN	50.579	47.267	51.056	51.855
	SD	18.056	11.471	9.857	9.213		SD	12.339	4.688	7.276	8.259
RK	MEAN	78.643	75.598	78.844	70.274	RK	MEAN	47.238	47.326	50.545	51.913
	SD	10.938	14.325	10.278	11.475		SD	7.824	3.897	7.012	8.949
S	MEAN	23.673	26.419	24.356	26.087	S	MEAN	29.619	30.339	30.964	30.891
	SD	4.602	7.585	7.936	5.540		SD	7.948	9.881	11.454	9.172
LA	MEAN	1.538	1.120	1.574	1.567	LA	MEAN	1.593	1.457	1.815	1.671
	SD	1.080	0.678	0.790	0.946		SD	0.800	0.730	0.687	0.947
RA	MEAN	1.715	1.308	1.513	1.529	RA	MEAN	1.468	1.987	1.897	1.813
	SD	0.899	0.678	0.494	0.701		SD	0.464	1.262	0.659	0.967
LT	MEAN	27.509	28.688	28.917	28.278	U	MEAN	45.850	40.875	38.697	42.501
	SD	4.632	7.594	5.224	3.914		SD	17.786	13.352	9.572	14.505
RT	MEAN	26.987	29.158	28.586	28.121	LO	MEAN	4.813	5.387	4.563	5.177
	SD	5.365	6.757	7.830	3.602		SD	1.472	2.481	0.992	1.862
LE	MEAN	12.174	12.621	15.032	15.477	RO	MEAN	4.355	6.629	5.508	5.681

	SD	4.269	4.339	6.309	5.784	SD	1.336	3.413	2.834	2.018
RE	MEAN	11.691	12.998	15.084	13.413					
	SD	3.955	4.104	5.858	4.583					
P	MEAN	10.162	11.248	10.164	10.145					
	SD	4.734	4.718	4.826	4.431					
SV	MEAN	96.257	108.891	108.222	95.672					
	SD	13.750	24.104	20.890	20.479					

Adrenal Gland (Left): LA; Adrenal Gland (Right): RA; Brain: B; Epididymis (Left): LE; Epididymis (Right): RE; Kidney (Left): LK; Kidney (Right): RK; Liver: L; Ovary (Left): LO; Ovary (Right): RO; Prostate: P; Seminal Vesicle: SV; Spleen: S; Testicle (Left): LT; Testicle (Right): RT; Uterus: U.

**Table S3.** Relative organ weight/body weights (%), and relative organ weight/brain weights (%) of F1 and F2 offspring male and female CD1 mice fed with different doses of PTSO (0, 14, 28 and 55 mg/kg b.w./day). Values are mean and SD for 20 mice/sex/group. The coded symbols represent the following: #—statistical differences compared with 14 mg PTSO/kg b. w./day.

ORGAN WEIGHT TO B.W. RATIO DATA SUMMARY OF OFFSPRING F1 MICE											
PARAMETERS		MALE				PARAMETERS		FEMALE			
		0	14	28	55			0	14	28	55
		N=22	N=20	N=22	N=22			N=22	N=21	N=21	N=22
B	MEAN	2.379	2.473	2.394	2.463	B	MEAN	2.798	2.737	2.857	2.847
	SD	0.439	0.518	0.459	0.442		SD	0.580	0.792	0.514	0.487
S	MEAN	0.636	0.653	0.643	0.772	S	MEAN	0.621	0.671	0.689	0.711
	SD	0.220	0.162	0.143	0.182		SD	0.186	0.189	0.191	0.235
T	MEAN	0.541	0.510	0.447	0.573	T	MEAN	0.583	0.558	0.600	0.541
	SD	0.152	0.119	0.103	0.117		SD	0.155	0.155	0.136	0.211
ORGAN WEIGHT TO BRAIN RATIO DATA SUMMARY OF OFFSPRING F1 MICE											
PARAMETERS		PARAMETERS				PARAMETERS		PARAMETERS			
		0	14	28	55			0	14	28	55
		N=22	N=20	N=22	N=22			N=22	N=21	N=21	N=22
S	MEAN	27.129	26.671	27.293	29.048	S	MEAN	23.364	25.187	24.694	24.746
	SD	9.611	6.364	6.441	6.500		SD	8.154	7.014	6.349	7.031
T	MEAN	26.371	21.387	19.860	20.577	T	MEAN	21.432	21.386	21.191	18.790
	SD	7.029	5.673	5.319	6.526		SD	5.964	6.432	4.332	6.476
ORGAN WEIGHT TO B.W. RATIO DATA SUMMARY OF OFFSPRING F2 MICE											
PARAMETERS		MALE				PARAMETERS		FEMALE			
		0	14	28	55			0	14	28	55
		N=20	N=20	N=22	N=21			N=21	N=20	N=22	N=21
B	MEAN	1.442	1.430	1.617	1.570#	B	MEAN	1.647	1.600	1.766#	1.733#
	SD	0.098	0.091	0.364	0.077		SD	0.136	0.134	0.116	0.116
S	MEAN	0.359	0.373	0.419	0.432	S	MEAN	0.562	0.541	0.562	0.497
	SD	0.055	0.071	0.074	0.017		SD	0.111	0.137	0.118	0.100
T	MEAN	0.227	0.227	0.297	0.274	T	MEAN	0.344	0.312	0.405	0.354
	SD	0.248	0.053	0.084	0.029		SD	0.054	0.090	0.116	0.103
ORGAN WEIGHT TO BRAIN RATIO DATA SUMMARY OF OFFSPRING F2 MICE											
PARAMETERS		MALE				PARAMETERS		FEMALE			
		0	14	28	55			0	14	28	55
		N=20	N=20	N=22	N=21			N=21	N=20	N=22	N=21
S	MEAN	25.508	25.386	25.931	27.139	S	MEAN	32.745	34.402	31.585	28.611
	SD	8.949	5.168	2.387	2.572		SD	6.252	10.456	7.210	4.725
T	MEAN	19.051	15.119	21.301	16.278	T	MEAN	20.928	19.896	22.329	20.304
	SD	16.441	2.796	5.961	4.359		SD	2.710	6.399	7.159	5.093

Brain: B; Spleen: S; Thymus: T.