

Supplementary 1.**Mixed model analysis of the 2-novel object recognition (NOR) test.**

Group	SS	df	MS	F	p
Group 1 (14 Days)					
Between Subjects					
Treatment	0.362	1	0.362	3.950	0.075
Within Subjects					
Days	0.482	2	0.241	4.332	0.027*
Days X Treatment	0.396	2	0.198	3.565	0.047*
Group 2 (28 days)					
Between Subjects					
Treatment	0.888	1	0.888	26.57	0.000***
Within Subjects					
Days	0.548	2	0.274	13.08	0.000***
Days X Treatment	0.548	2	0.274	13.08	0.000***
Group 3 (42 Days)					
Between Subjects					
Treatment	0.625	1	0.625	12.49	0.005**
Within Subjects					
Days	0.560	2	0.280	10.80	0.000***
Days X Treatment	0.456	2	0.228	8.782	0.002**

SS: Sum of squares; df: degree of freedom; MS: mean of squares, F: factors, p: significance (*p*-value).
Significance, **p*<0.05, ***p*<0.01, ****p*<0.001.

Supplementary 2.**Mixed model analysis of the Y-maze test.**

Group	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>p</i>
Group 1 (14 Days)					
Between Subjects					
Treatment	0.243	1	0.243	5.779	0.037*
Within Subjects					
Days	0.079	2	0.039	1.247	0.309
Days X Treatment	0.208	2	0.104	3.290	0.058
Group 2 (28 days)					
Between Subjects					
Treatment	0.205	1	0.205	4.997	0.049*
Within Subjects					
Days	0.047	2	0.023	1.135	0.341
Days X Treatment (Interaction)	0.106	2	0.053	2.569	0.102
Group 3 (42 Days)					
Between Subjects					
Treatment	0.368	1	0.368	16.57	0.002**
Within Subjects					
Days	0.242	2	0.121	9.095	0.002**
Days X Treatment (Interaction)	0.297	2	0.148	11.15	0.000***

SS: Sum of squares; df: degree of freedom; MS: mean of squares, F: factors, p: significance (*p*-value). Significance, **p*<0.05, ***p*<0.01, ****p*<0.001.

Supplementary 3.

Mixed model analysis of the open field test (OFT).

Group	SS	df	MS	F	p
Group 1 (14 Days)					
Between Subjects					
Treatment	0.358	1	0.358	3.995	0.074
Within Subjects					
Days	0.177	2	0.088	2.252	0.131
Days X Treatment (Interaction)	0.221	2	0.111	2.819	0.084
Group 2 (28 days)					
Between Subjects					
Treatment	2.045	1	2.045	21.89	0.000***
Within Subjects					
Days	0.186	2	0.093	1.038	0.372
Days X Treatment (Interaction)	1.064	2	0.532	5.933	0.009**
Group 3 (42 Days)					
Between Subjects					
Treatment	0.606	1	0.606	21.15	0.001***
Within Subjects					
Days	0.635	2	0.317	9.111	0.002**
Days X Treatment (Interaction)	0.625	2	0.312	8.965	0.002**

SS: Sum of squares; df: degree of freedom; MS: mean of squares, F: factors, p: significance (*p*-value). Significance, **p*<0.05, ***p*<0.01, ****p*<0.001.