Supplementary Table 7. Summary of statistics

Figure	Test	Comparison	Sample number	Stat	p-value	Summary
Figure 2a	independent samples t-test	susceptible left vs. susceptible right	n = 9	t_{16} = -8.324	p = 0.000000330	**
Figure 2b	independent samples t-test	susceptible left vs. susceptible right	n = 8	t_{14} = -7.235	p = 0.00000432	**
Figure 2c	independent samples t-test	susceptible left vs. susceptible right	n = 9	t_{16} = -6.756	p = 0.00000462	**
Figure 2d	independent samples t-test	susceptible left vs. susceptible right	n = 7	t_{12} = -6.114	p = 0.0000522	**
Figure 2e	independent samples t-test	susceptible left vs. susceptible right	n = 5	t_{8} = 8.665	p = 0.0000245	**
Figure 2f	independent samples t-test	susceptible left vs. susceptible right	n = 8	*t14* = 6.096	p = 0.0000276	**
Figure 2g	independent samples t-test	susceptible left vs. susceptible right	n = 7	t_{12} = 2.844	p = 0.0148	*
Figure 2h	independent samples t-test	susceptible left vs. susceptible right	n = 12	t_{22} = 8.454	p = 0.0000000232	**
Figure 3a	Kruskal-Wallis One Way Analysis of Variance on Ranks	control vs. resilient vs. susceptible	control = 5, resilient = 5, rusceptible = 5	H = 9.620, df = 2	p = 0.008	**
	Turkey test post-hoc			between control and susceptible, *p < 0.05, between control and resilient, p > 0.05. between resilient and susceptible, *p < 0.05,		
Figure 3b	two-way ANOVA	Group: control vs. resilient vs. susceptible	control = 8, resilient = 7, susceptible =7	F(2, 38) = 14.445	p < 0.001	**
		Lateraility : Left vs. Right		F(1, 38) = 3.634	p = 0.064	NS
		Group X Laterailty		F(2, 38) = 4.489	p = 0.018	*

	Holm-sidak post-hoc analysis			laterality within susceptible **p = 0.002, laterality within resilient p = 0.357; within left mPFC, control and resilient, ***p* < 0.001, control and susceptible, *p* = 0.120, resilient and susceptible, **p* = 0.016; within right mPFC, control and resilient, **p* = 0.025, control and susceptible, ***p* < 0.001, resilient and susceptible, *p* = 0.166		
Figure 3d	independent samples t-test	scramble shRNA vs. CTGF shRNA	scrambled = 3, CTGF shRNA = 3	$t_4 = 2.850$	*p* = 0.0464	*
Figure 3e	two-way RM ANOVA	Group: non-stress vs. stress	non-stress = 14, stress = 16	F(1, 28) = 1.731	*p* = 0.199	NS
		Repeated trial: No Target vs. Target		F(1, 28) = 7.721	*p* = 0.010	*
		Stress X Target interaction		F(1, 28) = 5.126	*p* = 0.032	*
	Holm-sidak post-hoc analysis			within non-stressed, effect of target, ***p* = 0.002; within stressed, effect of target, *p* = 0.709; within non-target, effect of stress, *p* = 0.739, within target, effect of stress, **p* = 0.019,		
Figure 3f	two-way RM ANOVA	Group: non-stress vs. stress	non-stress = 13, stress = 17	F(1, 28) = 2.514	*p* = 0.124	NS
		Repeated trial: No Target vs. Target		F(1, 28) = 20.319	*p* < 0.001	**
		Stress X Target interaction		F(1, 28) = 4.478	*p* = 0.043	*

	Holm-sidak post-hoc analysis			within non-stressed, effect of target, $**p < 0.001$; within stressed, effect of target, $p = 0.080$; within non-target, effect of stress, $p = 0.949$, within target, effect of stress, $*p = 0.014$		
Figure 3g	two-way RM ANOVA	Group: non-stress vs. stress	non-stress = 11, stress = 15	F(1, 24) = 1.968	$p = 0.173$	NS
		Repeated trial: No Target vs. Target		F(1, 24) = 58.986	$p < 0.001$	**
		Stress X Target interaction		F(1, 24) = 2.480	$p = 0.128$	NS
	Holm-sidak post-hoc analysis for main target effect			within non-stressed, effect of target, **p <0.001; within stressed, effect of target, **p <0.001		
Figure 4c left	two-way RM ANOVA	Group: non-stress vs. stress	non-stress = 8, stress = 11	F(1, 17) = 4.008	$p = 0.061$	NS
		Repeated trial: No Target vs. Target		F(1, 17) = 0.00147	$p = 0.970$	NS
		Stress X Target interaction		F(1, 17) = 17.763	$p < 0.001$	**
	Holm-sidak post-hoc analysis			within non-stress, effect of target, $*p = 0.012$, within stress the effect of target, $**p = 0.005$, within target presence, effect of stress, $**p < 0.001$		
Figure 4c right	two-way RM ANOVA	Group: non-stress vs. stress	non-stress = 10, stress = 11	F(1, 19) = 3.371	$p = 0.082$	NS
		Repeated trial: No Target vs. Target		F (1, 19) = 18.637	$p < 0.001$	**
		Stress X Target interaction		F(1, 19) = 3.965	$p = 0.061$	NS
	Holm-sidak post-hoc analysis for main target effect			within non-stressed, effect of target $p = 0.125$, within stressed, effect of target, $**p < 0.001$		
Figure 4d left	two-way RM ANOVA	Group: control vs. R-CTGF	control = 8, R-CTGF = 10	F(1, 16) = 1.266	$p = 0.277$	NS
		Repeated trial: No Target vs. Target		F(1, 16) = 0.143	$p = 0.710$	NS

		Stress X Target interaction		F(1, 16) = 8.921	p = 0.009	**
	Holm-sidak post-hoc analysis			within control, effect of target, *p = 0.038, within R-CTGF, effect of target, p = 0.068, within target presence, the effect of R-CTGF, *p = 0.025		
Figure 4d right	independent samples t-test	Cntrol vs. R-CTGF	control = 8, R-CTGF = 10	t_{16} = 3.020	p = 0.00814	**
Figure 4e left	Mann-Whitney Rank Sum Test	Control vs. R-CTGF	control = 5, R-CTGF = 9	T = 54	p = 0.033	*
Figure 4e right	independent samples t-test	Control vs. R-CTGF	control = 5, R-CTGF = 9	t_{12} = -2.547	p = 0.0256	*
Figure 5b	independent samples t-test	Control vs. L-CTGF	control = 4, L-CTGF = 4	t_6 = -6.142	p < 0.01	**
Figure 5c left	two-way RM ANOVA	Group: non-stress vs. stress	non-stress = 13, stress = 21	F(1, 32) = 2.517	p = 0.122	NS
		Repeated trial: No Target vs. Target		F(1, 32) = 29.886	p < 0.001	**
		Stress X Target interaction		F(1, 32) = 9.537	p = 0.004	**
	Holm-sidak post-hoc analysis			within non-stressed, the effect of target, **p < 0.001; within stressed, the effect of target, p = 0.063; within target presence, effect of stress, **p = 0.004		
Figure 5c right	two-way RM ANOVA	Group: non-stress vs. stress	non-stress = 14, stress = 15	F(1, 27) = 0.0540	p = 0.818	NS
		Repeated trial: No Target vs. Target		F(1, 27) = 20.560	p < 0.001	**
		Stress X Target interaction		F(1, 27) = 1.293	p = 0.266	NS
	Holm-sidak post-hoc analysis for main target effect			within L-CTGF non-stressed, the effect of target,**p < 0.001; within L-CTGF stressed, the effect of target, *p = 0.021		
Figure 5d left	independent samples t-test	Control vs. L-CTGF	control = 6, L-CTGF = 8	t_{12} = 1.728	p = 0.110	NS
Figure 5d right	independent samples t-test	Control vs. L-CTGF	control = 6, L-CTGF = 8	t_{12} = 0.315	p = 0.758	NS