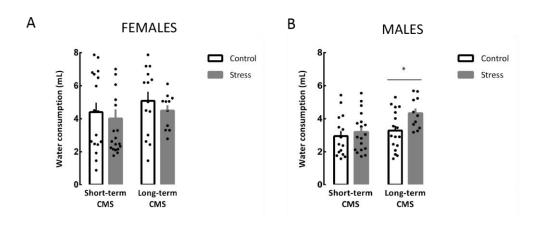
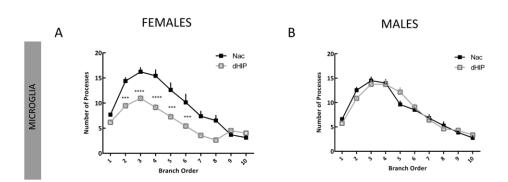
Week 1         Mon         Tue         Wed         Thu         Fri           9h - 10h         Confinement         Cage replacement         Inacc. Food replacement         Cage replacement	Sat	Sun
Confinement replacement replacement		
	<u>-</u>	
10h - 11h	t	
11h - 12h	_	
12h - 13h Strobe Lights Startle Noise Tilted Cage		
13h - 14h Cage Switch		
14h - 15h Tilted Cage		
15h - 16h Tilted Cage Overcrow ding Strobe Light	s	
16h - 17h Startie Noise		
17h - 18h Food	-	
O/N Water Dep. + deprivation+ Strobe lights Wet Bed + Titted Card		
ON Illumination	<b>1</b>	
Week 2 Mon Tue Wed Thu Fri	Sat	Sun
9h - 10h Confinement replacement Empty Bottle Cage replacemen		
10h - 11h		
11h - 12h		
12h - 13h Startle Noise Confinemen	t	
13h - 14h Titted Cage	_	
14h - 15h 15h - 16h Overcrowding		
16h - 17h Overcrow ding Strobe lights Overcrow dir	ng	
17h - 18h (LF) Startle Noise		
Food Dep. + Water Inv. Light +		
O/N wet bed deprivation+ ON Illumination Strobe lights Wet Bed Tilted Cage		
ON MULTIMATION		
Week 3 Mon Tue Wed Thu Fri	Sat	Sun
9h - 10h age replacement lnacc. Food CageReplacement lnacc.		
10h - 11h Tilted Cage Empty Bottle Confinement Overcrow ding Confinement	nt	
11h - 12h 12h - 13h Startle Noise Strobe Light		
12h - 13h	.5	
14h - 15h	_	
15h - 16h Strobe Tilted Cage		
16h - 17h Lights Overcrow ding Startle Noise Tilted Cage	'	
17h - 18h		
O/N Water Dep. + Food Dep.+O/N Strobe Wet Bed Rev. Light		
O/N Water Dep. + Food Dep. +O/N Strobe Lights Wet Bed Rev. Light Tilted Cage		
O/N         Water Dep. + wet bed week 4         Food Dep.+O/N illumination         Strobe Lights         Wet Bed Lights         Rev. Light Titled Cage           Week 4         Mon         Tue         Wed         Thu         Fri	Sat	Sun
Wight         Water Dep. + wet bed         Food Dep. +O/N illumination         Strobe Lights         Wet Bed         Rev. Light Titled Cage           Week 4         Mon         Tue         Wed         Thu         Fri           9h - 10h         Confinement Confinement         Sage replacement         Empty Bottle         CageReplacement	Sat	Sun
Wight         Water Dep. + wet bed         Food Dep. +O/N illumination         Strobe Lights         Wet Bed         Rev. Light Titled Cage           Week 4         Mon 9h - 10h 10h - 11h         Tue 2age replacement Inacc. Food         Empty Bottle 2age replacement Inacc. Food         CageReplacement Inacc. Food         Startle Nois	Sat C.	Sun
Wight         Water Dep. + wet bed         Food Dep. +O/N illumination         Strobe Lights         Wet Bed         Rev. Light Tilted Cage           Week 4         Mon 9h - 10h 10h - 11h 10h - 11h 11h - 12h         Tue 2age replacement Empty Bottle Inacc. Food Strobe         Empty Bottle Overcrow ding Cage Switch         Cage Replaction Startle Nois	Sat C.	Sun
Week 4         Mon         Tue         Wed         Thu         Fri           9h - 10h 10h - 11h 10h - 11h 12h - 13h         Confinement         Inacc. Food Strobe Lights         Overcrow ding Overcrow ding         Cage Switch	Sat	Sun
Week 4         Mon         Tue         Wed         Thu         Fri           9h - 10h         10h - 11h         Confinement         Empty Bottle         Cage Replacement           11h - 12h         Startle Noise         Startle Noise         Lights           13h - 14h         Confinement         Confinement         Confinement	Sat	Sun
Wet A   Work   Food Dep. + O/N   Strobe   Lights   Wet Bed   Rev. Light   Titled Cage	Sat	Sun
Water Dep. +   Food Dep. +O/N   Strobe   Lights   Wet Bed   Rev. Light   Tilted Cage	Sat	Sun
Week 4         Mon         Tue         Wed         Thu         Fri           9h - 10h 10h - 11h 11h - 12h 12h - 13h 13h - 14h 15h - 16h 16h - 17h         Strobe Lights         Wed         Thu         Fri           CageReplac         Empty Bottle         Cage Replacement         CageReplac           Overcrow ding         Startle Noise         Confinement         Cage Switch           Tilted Cage         Confinement         Confinement	Sat	Sun
Water Dep. + wet bed   Food Dep. +O/N illumination   Strobe Lights   Wet Bed   Rev. Light	Sat	Sun
Week 4   Mon   Tue   Wed   Thu   Fri	Sat	Sun
Water Dep. +   Wet Bed   Rev. Light   Wet Bed   Rev. Light   Tilted Cage	Sat	Sun
Week 4         Mon         Tue         Wed         Thu         Fri Titled Cage           9h - 10h 10h - 11h 10h - 12h 10h - 15h - 16h - 17h 17h - 18h         Startle Noise         Strobe Lights         Cage Replacement Inacc. Food Dev. Lights         Confinement Confinement Inacc. Food Display Bottle Inacc. Food Display Bottle Lights         Cage Switch         Startle Noise Confinement Inacc. Food Display Bottle Lights         Cage Switch         Startle Noise Confinement Inacc. Food Display Bottle Lights         Cage Switch         Confinement Confinement Inacc. Food Display Bottle Lights         Startle Noise Initiated Cage Switch Inacc. Food Display Bottle Lights         Titled Cage Switch Inacc. Food Display Bottle Inacc.	Sat	
Week 4   Mon   Tue   Wed   Thu   Fri	Sat  Sat  Sat  Sat  Sat	
Week 4	Sat	
Water Dep. +   wet bed   Food Dep. +O/N   strobe   Lights   Wet Bed   Rev. Light   Tilted Cage   Wet A   Mon   Tue   Wed   Thu   Fri   Cage Replacement   Confinement   Confinement   Cage replacement   Cage replacement   Cage Replacement   Cage Replacement   Cage Switch   Cage Replacement   Cage Repla	Sat	
Week 4   Mon   Tue   Wed   Thu   Fri   CageReplact	Sat	
Week 4         Mon         Tue         Wed         Thu         Fri           9h - 10h         Confinement         Tage replacement         Empty Bottle         Cage Switch           11h - 12h         Startle Noise         Storobe         Lights           12h - 13h         Startle Noise         Lights           13h - 14h         Cage Switch         Cage Switch           15h - 16h         Overcrow ding         Tilted Cage           17h - 18h         Overcrow ding         Startle Noise           17h - 18h         Overcrow ding         Tilted Cage           0/N         Food Dep. + wet bed         + O/N Illum.         Strobe Lights           Week 5         Mon         Tue         Wed         Thu         Fri           2age replacement Index. Food         Empty Bottle Index. Food         Cage Replacement Index. Food         Confinement           11h - 12h         Storobe Lights         Startle Noise         Startle Noise         Startle Noise	Sat  Date of the sat o	
Week 4         Mon         Tue         Wed         Thu         Fri           39h - 10h         10h - 11h         2age replacement         Empty Bottle         Cage Replacement           10h - 11h         12h - 13h         Startle Noise         Strobe         Lights         Cage Switch           13h - 14h         15h - 16h         Overcrow ding         Tilted Cage         Startle Noise         Tilted Cage           15h - 16h         O/N         Food Dep.         water Dep.         Strobe         Lights           Week 5         Mon         Tue         Wed         Thu         Fri           Week 5         Mon         Tue         Wed         Thu         Fri           Week 5         Mon         Tue         Wed         Thu         Cage Replacement           10h - 11h         Cage Switch         Strobe Lights         Strobe Lights         Confinement           11h - 12h         Tilted cage         Startle Noise         Tilted Cage         Tilted Cage	Sat	
Week 4         Mon         Tue         Wed         Thu         Fri           9h - 10h         Confinement         Tage replacement         Empty Bottle         Cage Sw litch           10h - 11h         Confinement         Tage replacement         Cage Sw litch           12h - 13h         Startle Noise         Storobe         Lights           13h - 14h         Confinement         Cage Sw litch           15h - 16h         Overcrow ding         Tilted Cage           16h - 17h         Overcrow ding         Startle Noise         Tilted Cage           N         Food Dep.         + wet bed         + O/N lilum.           Week 5         Mon         Tue         Wed         Thu         Fri           10h - 11h         Cage Sw litch         Strobe Lights         Overcrow ding         CageReplac           10h - 11h         Cage Sw litch         Tilted cage         Strobe Lights         Tilted Cage           10h - 15h         Storobe Lights         Strobe Lights         Startle Noise	Sat	
Week 4         Mon         Tue         Wed         Thu         Fri           39h - 10h         10h - 11h         2age replacement         Empty Bottle         Cage Switch           11h - 12h         12h - 13h         Startle Noise         Storobe         Lights         Cage Switch           15h - 16h         Overcrow ding         Tilted Cage         Startle Noise         Tilted Cage           16h - 17h         Overcrow ding         Tilted Cage         Startle Noise         Tilted Cage           Week 5         Mon         Tue         Wed         Thu         Fri           3h - 10h         Lights         Wed         Thu         Cage Replacement           10h - 11h         Lights         Wed         Thu         Fri           3h - 10h         Lights         Wed         Thu         Cage Replacement           10h - 11h         Lights         Storobe Lights         Cage Replacement         Cage Replacement           12h - 13h         Light         Storobe Lights         Startle Noise         Startle Noise           13h - 14h         Strobe Lights         Startle Noise         Tilted Cage         Startle Noise           13h - 15h         Confinement         Confinement         Cage Switch         Startle N	Sat  Sat  Sat  Sat  Sat  Sat	
Week 4         Mon         Tue         Wed         Thu         Fri           10h - 10h         10h - 11h         Confinement         Empty Bottle         Cage Switch           10h - 11h         Startle Noise         Strobe         Lights         Cage Switch           11h - 12h         Startle Noise         Startle Noise         Confinement           13h - 14h         15h - 16h         Confinement         Confinement           16h - 17h         Overcrow ding         Tilted Cage         Startle Noise         Tilted Cage           O/N         Food Dep.         + wet bed         + wet bed         Rev. Light           Week 5         Mon         Tue         Wed         Thu         Fri           9h - 10h         Cage Switch         Inacc. Food         Strobe Lights         Confinement           11h - 12h         Cage Switch         Strobe Lights         Startle Noise           13h - 14h         Strobe Lights         Startle Noise         Startle Noise           15h - 16h         Confinement         Cage Switch         Startle Noise	Sat  Sat  Sat  Sat  Sat  Sat	
Week 4         Mon         Tue         Wed         Thu         Fri           39h - 10h         10h - 11h         2age replacement         Empty Bottle         Cage Switch           11h - 12h         12h - 13h         Startle Noise         Storobe         Lights         Cage Switch           15h - 16h         Overcrow ding         Tilted Cage         Startle Noise         Tilted Cage           16h - 17h         Overcrow ding         Tilted Cage         Startle Noise         Tilted Cage           Week 5         Mon         Tue         Wed         Thu         Fri           3h - 10h         Lights         Wed         Thu         Cage Replacement           10h - 11h         Lights         Wed         Thu         Fri           3h - 10h         Lights         Wed         Thu         Cage Replacement           10h - 11h         Lights         Storobe Lights         Cage Replacement         Cage Replacement           12h - 13h         Light         Storobe Lights         Startle Noise         Startle Noise           13h - 14h         Strobe Lights         Startle Noise         Tilted Cage         Startle Noise           13h - 15h         Confinement         Confinement         Cage Switch         Startle N	Sat  Sat  Sat  Sat  Sat  Sat	
Week 4         Mon         Tue         Wed         Thu         Fri           39h - 10h         10h - 11h         2age replacement         Empty Bottle         Cage Replacement           10h - 11h         12h - 13h         Startle Noise         Strobe         Lights         Cage Switch           13h - 14h         15h - 16h         Overcrow ding         Tilted Cage         Startle Noise         Tilted Cage           15h - 16h         Overcrow ding         Tilted Cage         Startle Noise         Tilted Cage           0/N         Food Dep.         water Dep.         Strobe         Lights           Week 5         Mon         Tue         Wed         Thu         Fri           3ge replacement         Empty Bottle         Cage Replacement         Cage Replacement         Cage Replacement           10h - 11h         Cage Switch         Strobe Lights         Storbe Lights         Confinement           13h - 14h         Strobe Lights         Startle Noise         Tilted Cage           3h - 10h         Tilted cage         Startle Noise         Startle Noise           13h - 14h         Strobe Lights         Startle Noise         Startle Noise           13h - 15h         Confinement         Confinement         Cage Switch	Sat  Sat  Sat  Sat  Sat  Sat  Sat	Sun
Week 4   Mon   Tue   Wed   Thu   Fri   CageReplacement   Cage Switch   Tilted Cage   CageReplacement   Cage Switch   Cage Swit	Sat  Sat  Sat  Sat  Sat  Sat  Sat	Sun
Week 4	Sat  Sat  Sat  Sat  Sat  Sat  Sat  Sat	Sun
Week 4         Mon         Tue         Wed         Thu         Fri           9h - 10h         Confinement         lage replacement         Empty Bottle         Cage Replact           10h - 11h         Confinement         lage replacement         Empty Bottle         Cage Switch           11h - 12h         Startle Noise         Storobe         Lights           12h - 13h         Startle Noise         Confinement           13h - 14h         Covercrow ding         Tilted Cage           16h - 17h         Overcrow ding         Startle Noise           17h - 18h         Covercrow ding         Tilted Cage           Neek 5         Mon         Tue         Wed         Thu         Fri           10h - 11h         Cage Switch         Inacc. Food         Strobe Lights         CageReplact           10h - 11h         Cage Switch         Tilted cage         Strobe Lights         Overcrow ding           11h - 12h         Cage Switch         Strobe Lights         Strobe Lights         Startle Noise           13h - 14h         Strobe Lights         Startle Noise         Tilted Cage         Startle Noise           15h - 16h         Confinement         Confinement         Cage Switch         Strobe Lights           17h - 1	Sat  Sat  Sat  Sat  Sat  Sat  Sat  Sat	Sun
Week 4         Mon         Tue         Wed         Thu         Fri           9h - 10h         10h - 11h         2age replacement         Empty Bottle         Cage Switch           11h - 12h         11h - 12h         Startle Noise         Startle Noise           12h - 13h         Startle Noise         Confinement         Confinement           13h - 14h         15h         Confinement         Confinement           16h - 17h         Overcrow ding         Tilted Cage         Startle Noise         Tilted Cage           O/N         Food Dep. + we to bed         + o/N Illum.         Wed         Thu         Fri           Week 5         Mon         Tue         Wed         Thu         Fri           10h - 11h         Cage Switch         Inacc. Food         Strobe Lights         Confinement           11h - 12h         Cage Switch         Strobe Lights         Startle Noise           13h - 14h         Tilted cage         Startle Noise         Startle Noise           15h - 16h         Strobe Lights         Tilted Cage           15h - 16h         Confinement         Cage Switch           17h - 18h         Strobe Lights         Startle Noise           15h - 16h         Confinement         Cage Switch </td <td>Sat  Sat  Sat  Sat  Sat  Sat  Sat  Sat</td> <td>Sun</td>	Sat  Sat  Sat  Sat  Sat  Sat  Sat  Sat	Sun
Week 4   Mon   Tue   Wed   Thu   Fri   CageReplact   Cag	Sat  Sat  Sat  Sat  Sat  Sat  Sat  Sat	Sun
Week 4         Mon         Tue         Wed         Thu         Fri           39h - 10h         10h - 11h         11h - 12h         2age replacement lacc. Food         Cage Replacement lacc. Food         Cage Switch         Startle Noise         Startle Noise         Startle Noise         Cage Switch         Startle Noise         Confinement         Cage Replacement lacc. Food         Cage Switch         Startle Noise         Confinement         Cage Switch         Startle Noise         Confinement         Confinement         Confinement         Confinement         Confinement         Cage Switch         Startle Noise         Confinement         Startle Noise         Startle Noise         Startle Noise         Startle Noise         Startle Noise         Strobe Lights         Strobe Lights         Strobe Lights         Confinement         Cage Switch         Strobe Lights         Strobe Lights         Confinement         C	Sat  Sat  Sat  Sat  Sat  Sat  Sat  Sat	Sun
Week 4   Mon   Tue   Wed   Thu   Fri   CageReplact   Cag	Sat  Sat  Sat  Sat  Sat  Sat  Sat  Sat	Sun
Week 4         Mon         Tue         Wed         Thu         Fri           39h - 10h         10h - 11h         11h - 12h         Cage replacement Inacc. Food         Cage Replacement Inacc. Food         Strobe         Cage Switch         Startle Noise         Startle Noise         Startle Noise         Startle Noise         Startle Noise         Cage Switch         Startle Noise         Confinement         Cage Switch         Startle Noise         Startle Noise         Startle Noise         Confinement         Confinement         Confinement         Cage Switch         Startle Noise         Startle Noise         Startle Noise         Tilted Cage         Overcrow ding         Confinement         Confinement         Confinement         Confinement         Tilted Cage         Overcrow ding         Confinement         Startle Noise         Startle Noise         Startle Noise         Startle Noise         Startle Noise         Startle Noise         Strobe Light         Strobe Light         Strobe Light         Cage Replac         Covercrow ding         Cage Rep	Sat  Sat  Sat  Sat  Sat  Sat  Sat  Sat	Sun
Week 4   Mon   Tue   Wed   Thu   Fri   CageReplact   Cage Switch   Tilted Cage   Cage Switch   Tilted Cage   Cage Switch   Cag	Sat  Sat  Sat  Sat  Sat  Sat  Sat  Sat	Sun
Week 4	Sat  Sat  Sat  Sat  Sat  Sat  Sat  Sat	Sun

**Supplementary Figure 1 –** Schedule of unpredictable chronic mild stressors administered over a 7-day period and repeated for 2 or 6 weeks.



**Supplementary Figure 2** — Water consumption in Sucrose Preference Test (SPT) in females and males. Results are presented as the mean  $\pm$  SEM of 10-20 animals comparing with control, calculated using a two-way ANOVA followed by a Bonferroni post hoc test. \*p<0.05.



Supplementary Figure 3 – Microglia morphology is more complex in the Nac than in the dHIP in females. (A, B) Comparison of the number of microglial processes from dHIP and NAc of control animals according to the respective branch order in females and males. Results are presented as the mean  $\pm$  SEM of 30-40 cells from 3-4 animals, calculated using a one-way ANOVA followed by a Bonferroni post hoc test, \*\*\*p<0.05.