Supplemental Material for

Generalization of contextual fear is sex-specifically affected by high salt intake

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S16 Table. Three-way repeated measures ANOVAs on weekly average food consumption per day for context fear conditioned mice across Experiments.

S16A Table

Females	**Experiment 1 – Food/day**
Diet	$F(1,30)=6.785$ **$p=0.014$** partial $\eta^2=$**0.184**
Context	$F(1,30)=0.099$ $p=0.756$ partial $\eta^2=0.003$
Time	$F(1.67,50.14)=0.650$ $p=0.500$ partial $\eta^2=0.021$
Time × Diet	$F(1.67,50.14)=0.578$ $p=0.535$ partial $\eta^2=0.019$
Time × Context	$F(1.67,50.14)=1.233$ $p=0.295$ partial $\eta^2=0.039$
Diet × Context	$F(1,30)=0.237$ $p=0.630$ partial $\eta^2=0.008$
Time × Diet × Context	$F(1.67,50.14)=0.809$ $p=0.431$ partial $\eta^2=0.026$

S16B Table

Males	**Experiment 1 – Food/day**
Diet	$F(1,29)=1.427$ $p=0.242$ partial $\eta^2=0.047$
Context	$F(1,29)=0.013$ $p=0.910$ partial $\eta^2=0.000$
Time	$F(1.85,53.57)=1.825$ $p=0.174$ partial $\eta^2=0.059$
Time × Diet	$F(1.85,53.57)=0.332$ $p=0.702$ partial $\eta^2=0.011$
Time × Context	$F(1.85,53.57)=0.142$ $p=0.852$ partial $\eta^2=0.005$
Diet × Context	$F(1,29)=0.003$ $p=0.958$ partial $\eta^2=0.000$
Time × Diet × Context	$F(1.85,53.57)=0.866$ $p=0.419$ partial $\eta^2=0.029$

S16C Table

Females	**Experiment 2 – Food/day**
Diet	$F(1,30)=41.57$ **$p<0.001$** partial $\eta^2=$**0.581**
Context	$F(1,30)=0.015$ $p=0.904$ partial $\eta^2=0.000$
Time	$F(3.72,111.5)=13.02$ **$p<0.001$** partial $\eta^2=$**0.303**
Time × Diet	$F(3.72,111.5)=0.188$ $p=0.936$ partial $\eta^2=0.006$
Time × Context	$F(3.72,111.5)=1.323$ $p=0.267$ partial $\eta^2=0.042$
Diet × Context	$F(1,30)=0.032$ $p=0.859$ partial $\eta^2=0.001$
Time × Diet × Context	$F(3.72,111.5)=0.433$ $p=0.771$ partial $\eta^2=0.014$

S16D Table

Males	**Experiment 2 – Food/day**
Diet	$F(1,32)=3.836$ $p=0.059$ partial $\eta^2=0.107$
Context	$F(1,32)=0.128$ $p=0.722$ partial $\eta^2=0.004$
Time	$F(4.32,138.3)=10.30$ **$p<0.001$** partial $\eta^2=$**0.243**
Time × Diet	$F(4.32,138.3)=1.317$ $p=0.265$ partial $\eta^2=0.040$
Time × Context	$F(4.32,138.3)=0.451$ $p=0.786$ partial $\eta^2=0.014$

Diet × Context	F(1,32)=0.672 p=0.418 partial η^2=0.021
Time × Diet × Context	F(4.32,138.3)=0.773 p=0.554 partial η^2=0.024

S16E Table

Females	**Experiment 3 – Food/day**
Diet	F(1,30)=16.65 **p<0.001** partial η^2=**0.357**
Context	F(1,30)=1.131 p=0.296 partial η^2=0.036
Time	F(2.78,83.39)=5.015 **p=0.004** partial η^2=**0.143**
Time × Diet	F(2.78,83.39)=1.584 p=0.202 partial η^2=0.050
Time × Context	F(2.78,83.39)=0.457 p=0.699 partial η^2=0.015
Diet × Context	F(1,30)=0.022 p=0.884 partial η^2=0.001
Time × Diet × Context	F(2.78,83.39)=0.436 p=0.713 partial η^2=0.014

S16F Table

Males	**Experiment 3 – Food/day**
Diet	F(1,28)=7.673 **p=0.010** partial η^2=**0.215**
Context	F(1,28)=0.017 p=0.897 partial η^2=0.001
Time	F(3.40,95.20)=5.087 **p=0.002** partial η^2=**0.154**
Time × Diet	F(3.40,95.20)=0.981 p=0.412 partial η^2=0.034
Time × Context	F(3.40,95.20)=1.256 p=0.294 partial η^2=0.043
Diet × Context	F(1,28)=0.482 p=0.482 partial η^2=0.017
Time × Diet × Context	F(3.40,95.20)=0.546 p=0.674 partial η^2=0.019