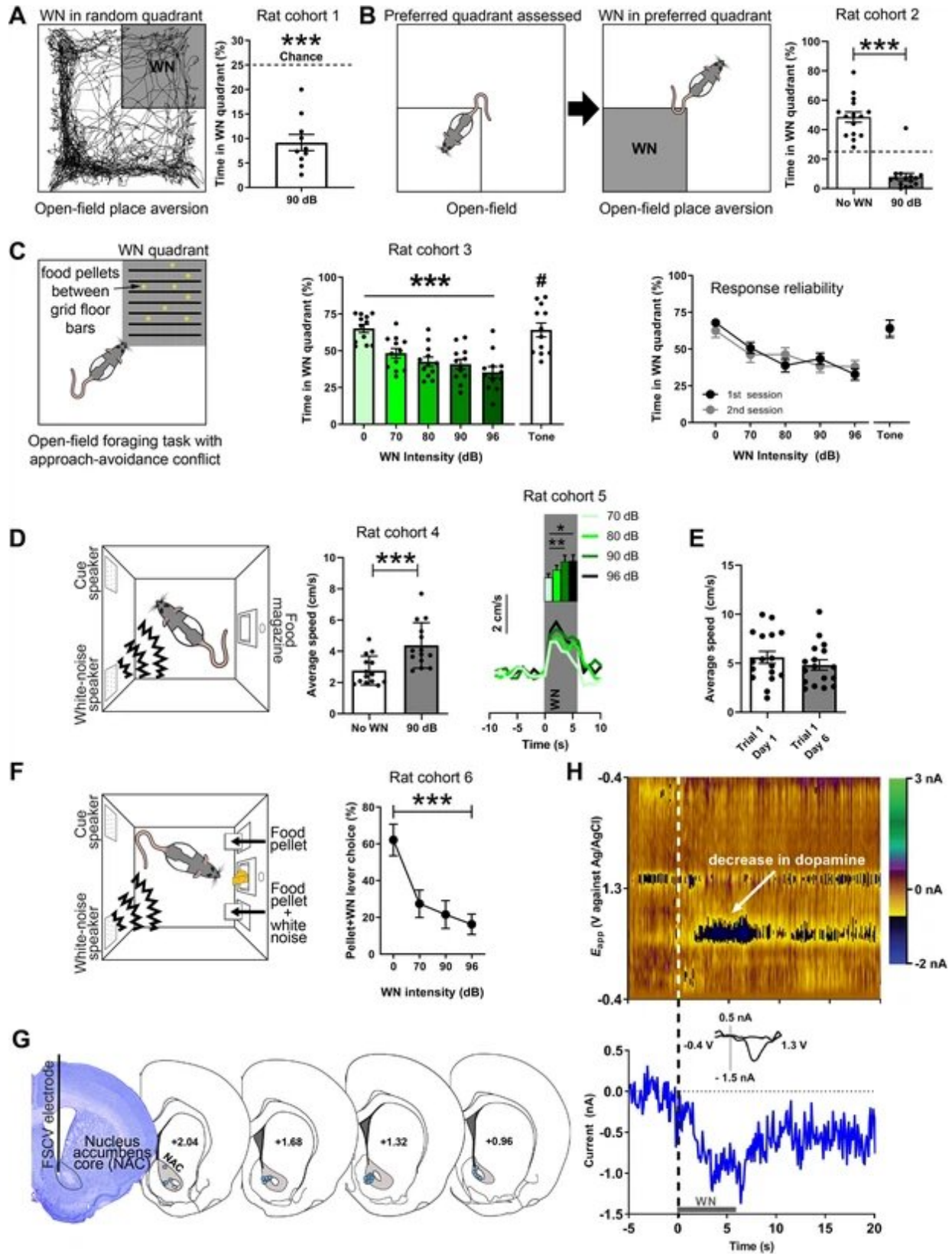


What happens to the dopamine system when we experience aversive events?

November 11 2022



White noise (WN) is an aversive stimulus that lowers dopamine concentration in the nucleus accumbens core (NAC). (A) Left: example trajectory of a rat in the real-time place aversion test (30 min), in which entry into one quadrant (shaded), which was randomly determined prior to the session, led to 90 dB WN exposure. Right: aversiveness of WN in the place aversion test quantified as significantly decreased time spent in the WN quadrant ($n = 10$, 9.71 ± 1.65 , $t(9) = 9.585$, p

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