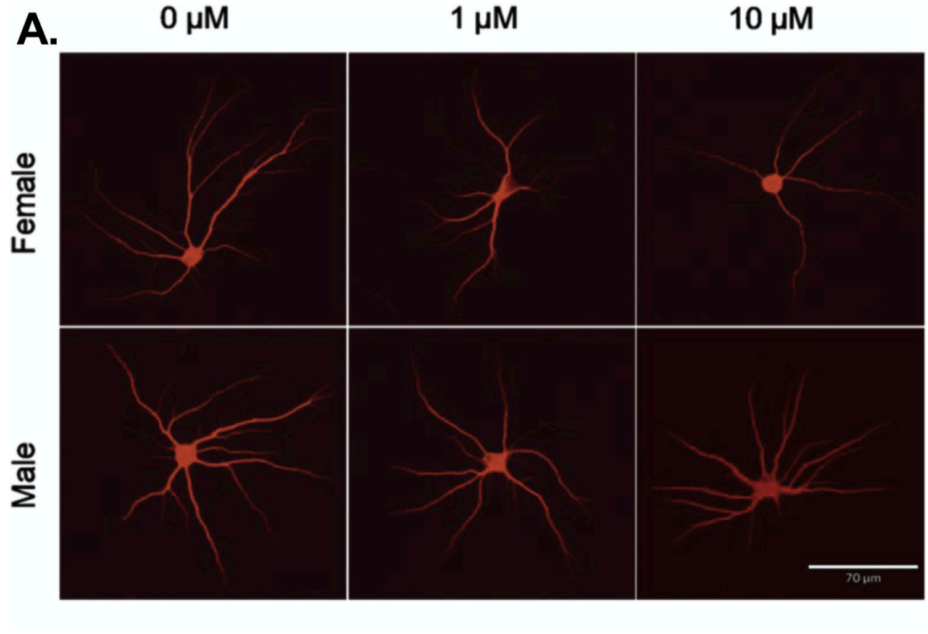


Neuron Image

Fig. 1. Oxycodone decreases female striatal dendritic complexity. Representative images from both female and male striatal neurons treated with 0 µM, 1 µM, and 10 µM oxycodone (A). Sholl analysis (0 – 500 pixels from the cell soma) displaying the average number of dendritic intersections at increasing distances from the cell soma of female (B) and male (C) striatal neurons exposed for 10 days with 0, 0.1. 1, or 10 µM of oxycodone. Total area under the curve from Sholl plots for female (D) and male (E) neurons. Data are presented as mean ± SEM (n = 152 – 155 from 3 independent rat striatum). *Indicate significant differences set at $p < 0.05$, calculated using a Kruskal-Wallis test and corrected using a Dunn's multiple comparison test.