Characterizing the Effect of Early Life Adversity on Sexspecific Behavioral and Epigenetic Outcomesin Rats over Development Emma Noel, Class of 2023

Early life adversity (ELA), such as exposure to childhood abuse, neglect, of outher of trauma may result in maladaptive behavioral and neurological responses in brain regions associated with emotion (Brown et. al, 2019) and an increased risk for mental illness later in life. Largely, the nature of such biological pathways remains unknow to where ver, studies have suggested that epigenetic factors, via alterations in DNA methylation patterns over development following ELA, may play a crucial role in later life increases in anxiety and depression related disorders (Brown et. al \$2011) DNA methylation presses gene expression in response to environmental stimuli over development 2013), thus possibility

References:

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