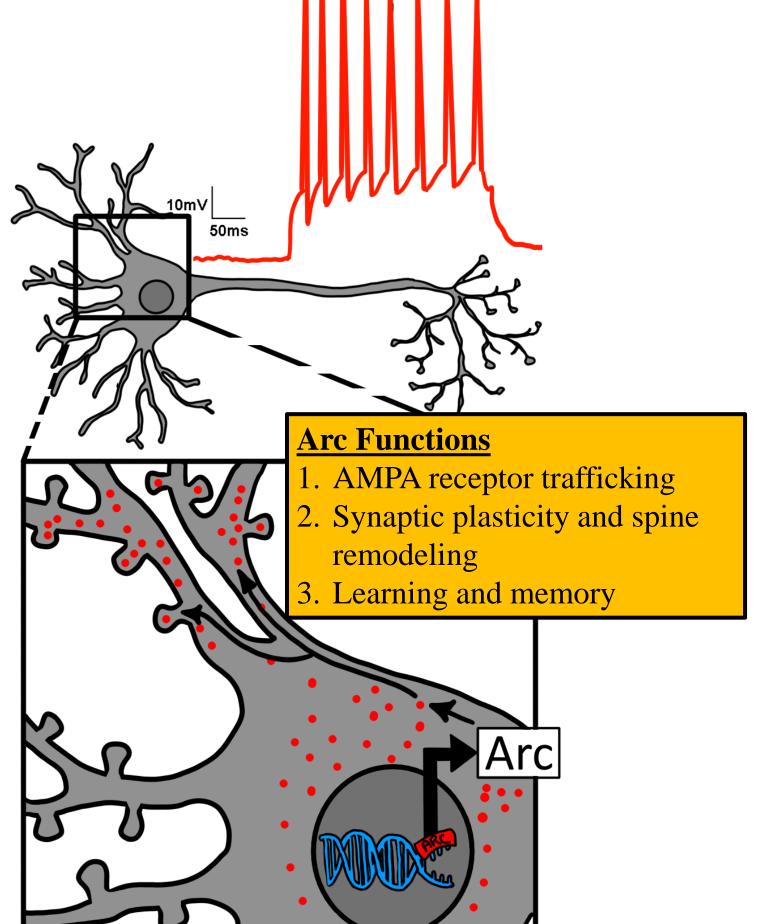
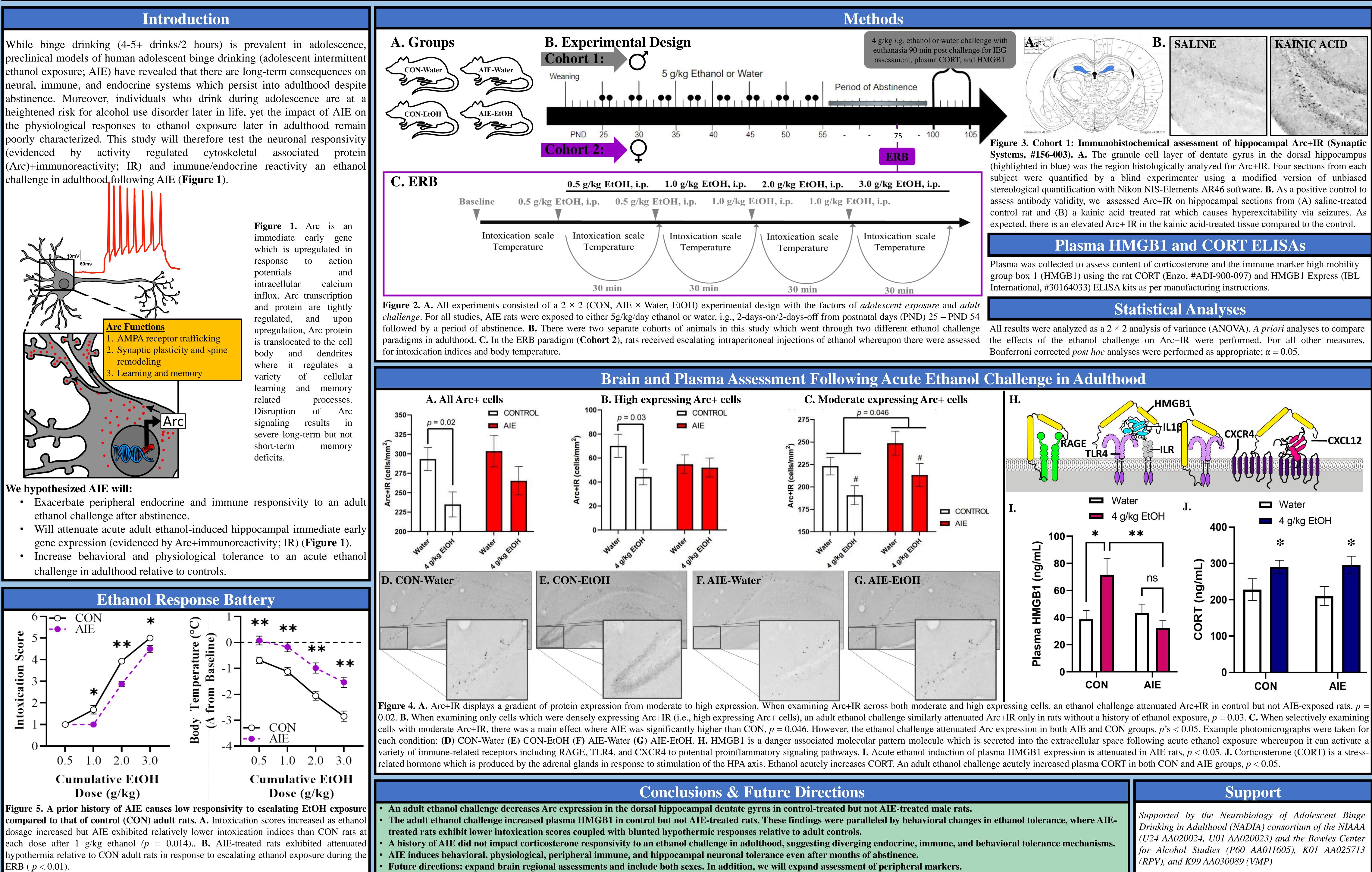
Adolescent Ethanol Impacts Brain Immediate Early Gene Expression, and Peripheral Neuroimmune. Neuroendocrine, and Behavioral Responsivity to an Adult Ethanol Challenge Mosqueda, A.E.¹, Ankeny, S.A.¹, Vetreno, R.P.^{1,2}, Macht¹, V.A., Crews, F.T.^{1,2,3} SCHOOL OF MEDICINE ¹Bowles Center for Alcohol Studies, University of North Carolina at Chapel Hill, School of Medicine, Chapel Hill, NC, USA ²Department of Psychiatry, University of North Carolina at Chapel Hill, School of Medicine, Chapel Hill, NC, USA BOWLES CENTER FOR ALCOHOL STUDIES

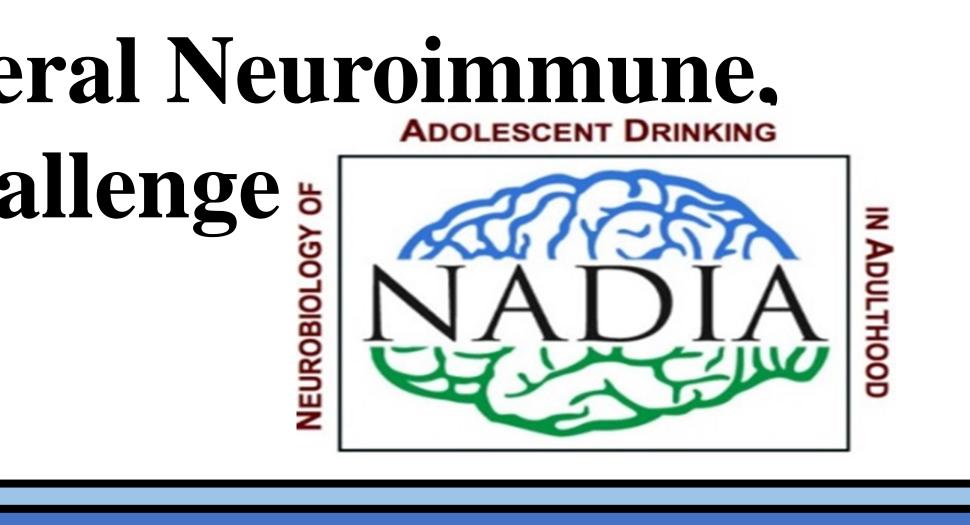


action potentials and intracellular calcium and upon dendrites and it regulates cellular and learning memory processes. Arc of results memory

- ethanol challenge after abstinence.
- gene expression (evidenced by Arc+immunoreactivity; IR) (Figure 1).



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