



Moira Taber

Cooper/Mukharji Award
Ph.D. Student, Regenerative Bioscience
Second Year ARCS Scholar



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GEORGIA

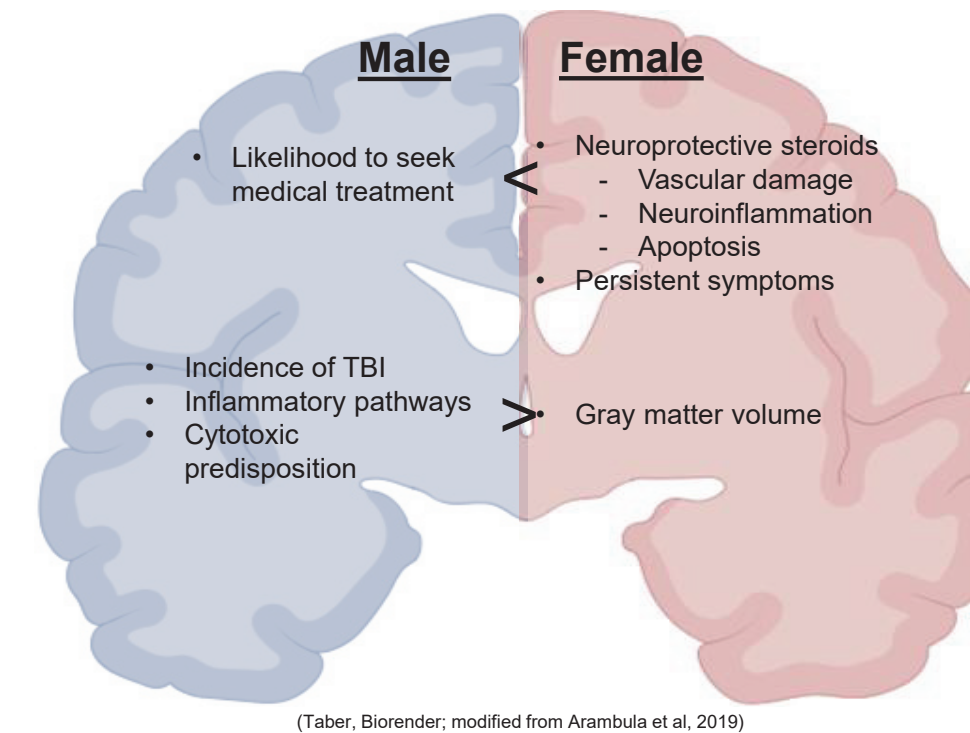
Sexual Dimorphisms in Neurodevelopment May Contribute to Differences in Traumatic Brain Injury Progression in a Pediatric Piglet Model

By using clinically-relevant assessments (e.g., MRI and functional testing), we evaluated the influence of biological sex on TBI pathophysiology and functional recovery.

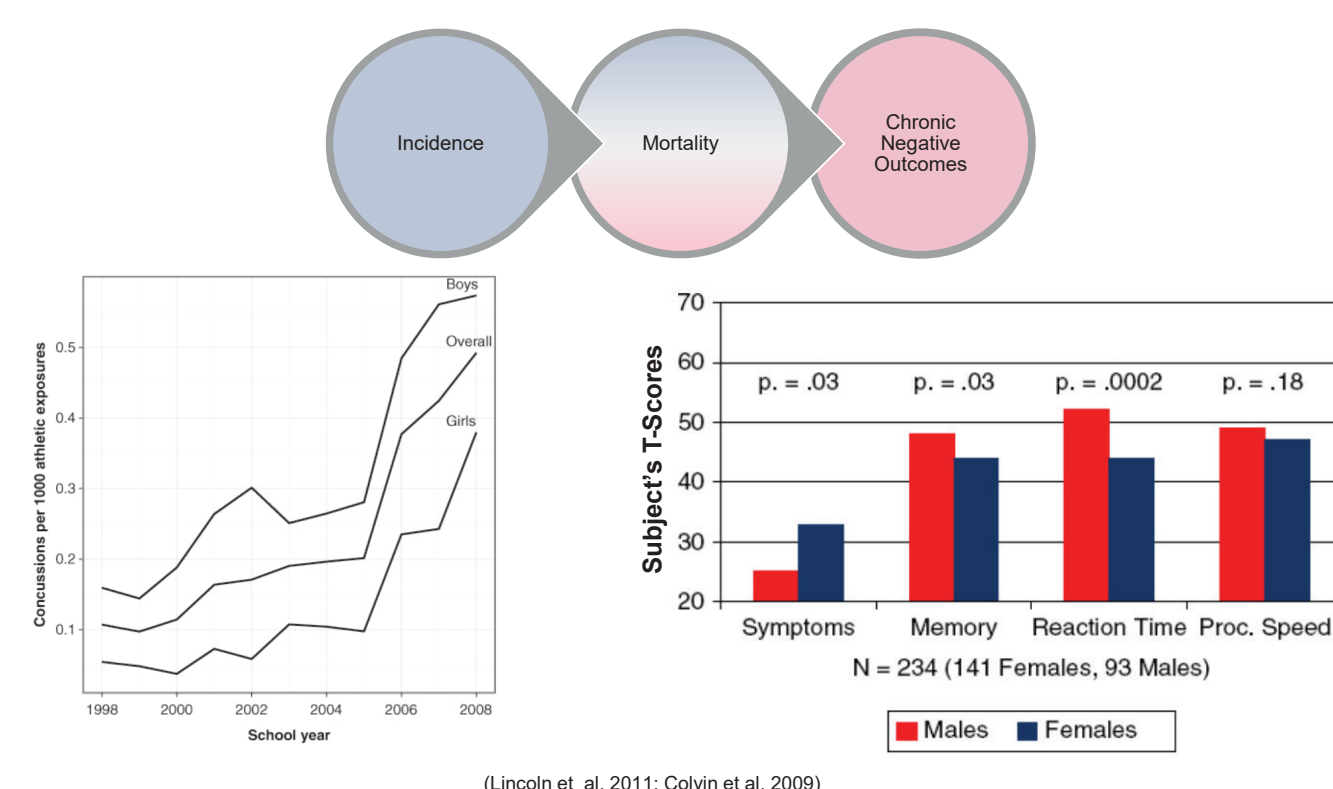
Traumatic Brain Injury (TBI) is a Leading Cause of Death and Lifelong Disability



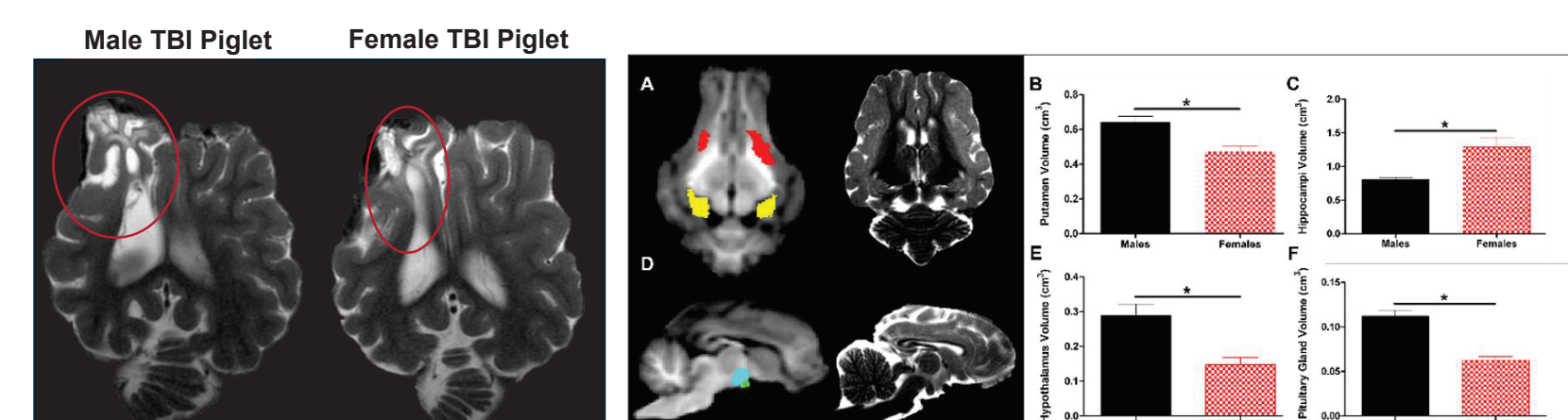
Fundamental Sex Differences in Neuroanatomy and Development May Influence TBI Outcomes



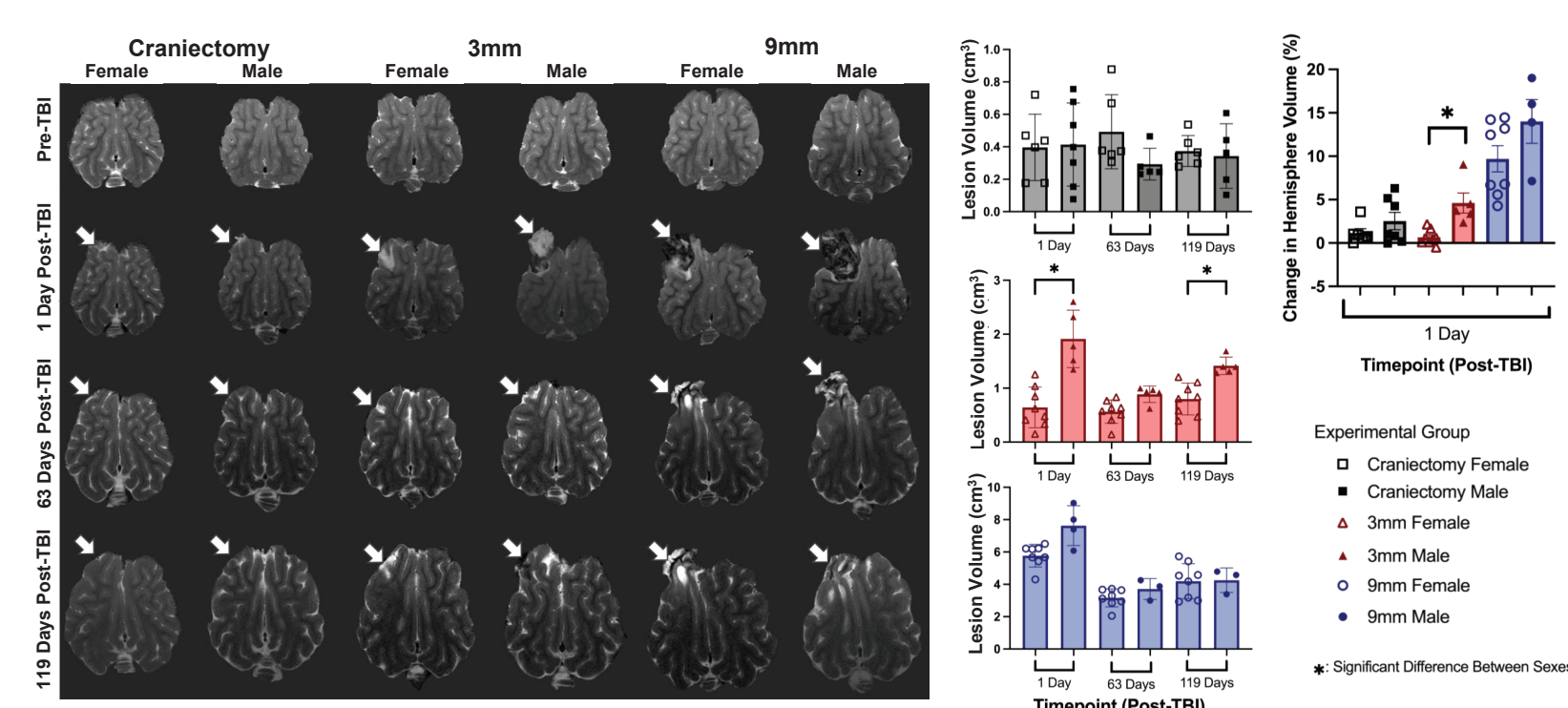
Sex Effects on TBI Incidence and Functional Outcomes



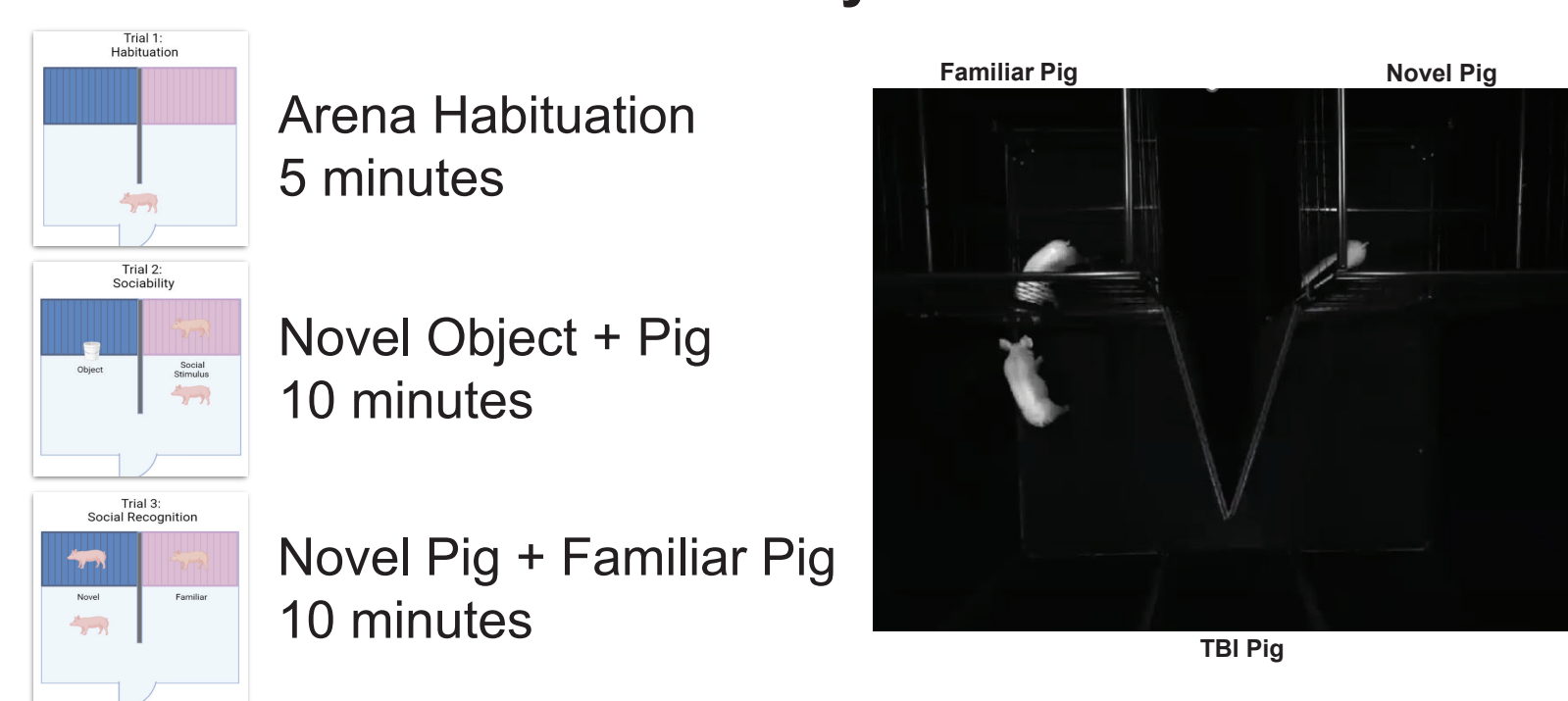
TBI Recovery Outcomes May be Influenced by Sex Differences in Neuroanatomy and Development



Sex Influences Lesion Volume and Swelling



Social Recognition Testing Evaluates Social Interactions and Memory Deficits Post-TBI



Scholar Awards Celebration
November 12, 2025



Igniting
Innovation
in Georgia