BraiNY Bunch Journal Club
June 5th | 12:00 - 1:00pm ET

Mannan oligosaccharide attenuates cognitive and behavioral disorders in the 5xFAD Alzheimer's disease mouse model via regulating the gut microbiota-brain axis

Qing Liu [a,1], Yujia Xi [a,1], Qianxu Wang [a], Jinhui Liu [a], Peiran Li [a], Xue Meng [a], Kai Liu [a], Weixuan Chen [a], Xuebo Liu [a], Zhigang Liu [a,b,*]

Meet the team!

Mentor: Aikaterini Britzolaki

Coordinator: David Pagliaccio:

Student Presenter: Ronitha Tedla

Student Presenter: Hiba Karim

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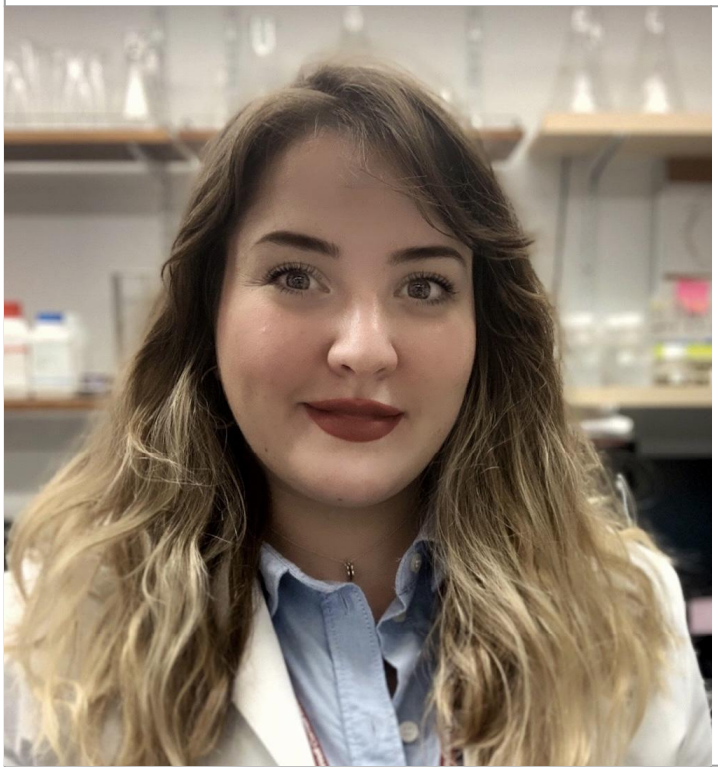
Mentor

Aikaterini Britzolaki



Aikaterini Britzolaki is currently a Senior Project Architect in Healthcare and Life Sciences at PreScouter, Inc. Katerina (as everyone calls her) has 10+ years of experience in research with a focus on neurobiology of aging, stress/depression/cognition and neurobehavioral/neurochemical studies. She has earned several scholarships and awards with a highlight being the prestigious SfN Trainee Development Award in 2020. Katerina is also an avid teacher, mentor and advocate, as part of global communities including, SfN, Greek Women in STEM and Lecturers Without Borders.

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Coordinator

David Pagliaccio:

"My work has focused on using MRI to understand neural mechanisms and risk factors for pediatric mental health, particularly depression and anxiety. Mental health is incredibly complicated, but I hope that by understanding the brain better, we may be able to help those who are struggling.

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Student Presenter

Ronitha Tedla

Ronitha Tedla is a rising junior in high school who aspires to be a physician. She is deeply passionate about medicine and has a strong interest in neuroscience. Some of her hobbies include: art (she especially loves to draw), music (she loves to sing, she can play the piano and the violin, and she loves listening to music in her free time), playing sports (she likes to play sports for fun), reading, and just hanging out with her friends!

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Student Presenter

Hiba Karim

Hiba Karim is a sophomore at the University of Florida studying Microbiology and Cell Science on the pre-medical track. Hiba is fascinated by the brain because it is a complex web of circuits that are interwoven into our everyday lives. Hiba is interested in behavioral analysis growth in children and adults. She also is interested in neurodegenerative diseases and the connection to cultural society. In the future Hiba aims to study how immunology and bacterial pathogens can correlate to neuroscience.