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Affiliate, Pathology Ops Business Office

Bio

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My current research focuses neurodegenerative and ocular diseases, with an added focus on the unfolded protein response, specifically the PERK pathway. Through my work, I investigate the cellular mechanisms underlying diseases like Alzheimer's and advanced tauopathies, with an emphasis on endoplasmic reticulum (ER) stress.

As I continue to deepen my understanding of disease pathology, I am also pursuing a residency in pathology (ECFMG-Certified, AAMC: 14765627), with a current interest in neuropathology and forensic pathology. Alongside my primary research, I have been involved in a forensic unidentified persons project, applying my skills from my previous graduate studies in forensic science and extensive autopsy experience. Here I further explore my passion for understanding disease processes and the human body through both clinical and investigative perspectives, fueled by empathy and compassion.

Additionally, I volunteer as a crisis counselor and enjoy activities such as traveling and learning languages, Toastmasters, and escape rooms.