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Dr. Gregory Fridman received his Ph.D. in 2009 in Biomedical Engineering from Drexel University. Currently, he is an Assistant Research Professor at the C&J Nyheim Plasma Institute. Research interests primarily focus on plasma device engineering and integration of non-equilibrium plasma discharges into agriculture, medicine, environmental remediation, and energy applications. Gregory serves a PI or Co-PI on multiple research grants, including NIH R01 on plasma-assisted stem cell differentiation and bone tissue regeneration and USDA NIFA CAP center grant on food safety and prevention of cross-contamination. He has authored and co-authored 54 peer-reviewed papers, and 1 book chapter; with total citation index 6,485 (h-index 30, i10-index 45). Supervised to completion 3 Ph.D. students and currently supervising 1 Ph.D. student. Research led to 7 patents granted and 6 provisional patents. Amongst multiple awards, he received a prestigious national IEEE Award in Nuclear and Plasma Sciences.