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CAES SEMINAR SERIES

“Biosynthesis of Nanoparticles, Their Characterization and Effect on Disease Management”

Ms. Ayesha Nisar

IAGS, University of the Punjab, Lahore, Pakistan

Wednesday, September 8, 2021

12:00 noon to 1:00 p.m.

Food and coffee will be available at 11:45 a.m.

Jones Auditorium

The Connecticut Agricultural Experiment Station

123 Huntington Street, New Haven, CT

Engineered nanoparticles (NPs) have found applications as potential fertilizers and pesticides for improving plant production. Moreover, biologically synthesized NPs confer greater biocompatibility with biological systems, compared to chemically synthesized NPs. The main objective of this research project is to synthesize metallic NPs using bacterial species and to assess their antimicrobial potential against plant pathogenic microbial strains associated with mung bean.