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Meeting Report

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Report on the 4th International Conference on Plant Science Research (Plant-2026)

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The 4th International Conference on Plant Science Research (Plant-2026) was successfully held during April 27 - 29, 2026 in San Francisco, California, USA. The conference was organized by USG United Scientific Group and brought together researchers, academicians, industry experts, and students from various countries to discuss recent advancements and future directions in plant science research.

The first two days of the conference (April 27 - 28, 2026) were conducted as in-person sessions under the supervision of A.D. Ali, Co-chair of Plant-2026. The third day (April 29, 2026) was held virtually under the supervision of Ms. Teja Sri Vengala. The conference featured keynote lectures, invited talks, oral presentations, poster sessions, networking events, and panel discussions covering diverse areas of plant science, horticulture, plant pathology, molecular biology, ecology, biotechnology, plant-environment interactions, and sustainable agriculture.

The conference commenced with opening remarks followed by keynote presentations from distinguished speakers including A.D. Ali, Sanjay Swarup, Igor Schepetkin, Nabil Killiny, John C. Cushman, and Mohammad Babadoost. Their presentations highlighted significant developments in salinity tolerance, plant-microbiome interactions, plant proteases, disease diagnostics, drought tolerance, and sustainable crop management.

Several scientific sessions addressed emerging topics such as plant phenomics, transcriptomics, nanotechnology applications in agriculture, fungal pathogen detection, environmental stress responses, machine learning approaches for disease detection, and innovative strategies for improving crop productivity and resilience. The conference also provided an interactive platform for researchers to exchange ideas through poster presentations, panel discussions, and networking opportunities.

Plant-2026 witnessed active participation from speakers and delegates representing universities, research institutes, and industries across the United States, China, Brazil, Singapore, Saudi Arabia, Luxembourg, and other countries, reflecting the global importance of collaborative plant science research.

The conference concluded successfully with valuable scientific discussions and collaborations, further strengthening the global research community in plant science. During the closing remarks, participants were invited to attend the next edition, Plant-2027, which is scheduled to be held during April 26 - 28, 2027 in Orlando, Florida, USA.