

Fourth Edition

# Plant Tissue Culture

Techniques and Experiments

Plant cell, tissue, and organ culture is an important research tool in both basic and applied studies as well as in commercial applications. *Plant Tissue Culture, Fourth Edition*, builds on the classroom-tested, audience-proven manual that has guided users through successful plant culturing for almost 30 years. The included experiments demonstrate major concepts and can be conducted with a variety of plant materials that are readily available throughout the year.

This fully updated edition describes the principles of the newest technologies, including CRISPR/Cas9 gene editing and RNA interference technology with plant cell and tissue cultures and their applications. Bridging the gap between theory and practice, this book contains detailed methodology supported by comprehensive illustrations and provides a diverse learning experience for both university students and plant scientists.

**Dr. Sunghun Park** is a professor at the Department of Horticulture and Natural Resources, Kansas State University, KS, United States. He has over 30 years of experience in plant tissue culture and genetic transformation of numerous plant species and over 10 years of teaching experience in plant tissue culture for both undergraduate and graduate level.



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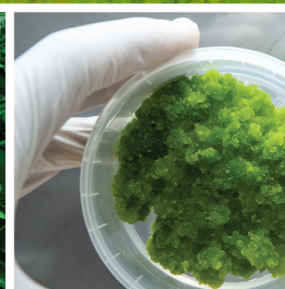
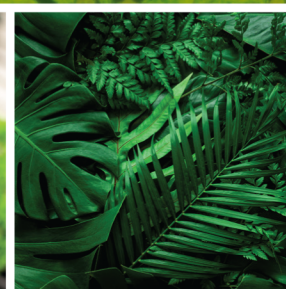
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