



Dr. Thitiya Boonpratuang

President, Mushroom Researchers and Growers Society of Thailand (MST), Thailand

Dr. Thitiya Boonpratuang is a Thai mycologist and biodiversity researcher whose work bridges fungal taxonomy, applied biotechnology, and sustainable development. She currently serves as President of the Mushroom Researchers and Growers Society of Thailand (MST), leading national initiatives that connect scientific research with community innovation, industry application, and environmental resilience.

Formerly a researcher at the National Center for Genetic Engineering and Biotechnology (BIOTEC), National Science and Technology Development Agency (NSTDA), Thailand, Dr. Boonpratuang has made significant contributions to the taxonomy and conservation of native mushrooms, as well as the development of safe, sustainable mushroom cultivation systems. Her research promotes the valorization of Thailand's fungal biodiversity through science-based innovation in food, functional ingredients, and bio-based industries.

Dr. Boonpratuang was awarded a National Science Foundation (NSF, USA) Fellowship, where she conducted research on the taxonomy and phylogenetic relationships of mushrooms in Thailand under the mentorship of Professor Dennis E. Desjardin at San Francisco State University. This international collaboration strengthened the scientific foundation for understanding tropical fungal diversity in Southeast Asia.

Her ongoing efforts focus on integrating mushroom science into the broader context of the Bio-Circular-Green (BCG) Economy, advancing local biodiversity as a foundation for global food security, health innovation, and climate resilience. Through her leadership, research, and public engagement, Dr. Boonpratuang continues to inspire the next generation of scientists and foster the sustainable growth of the mushroom industry in Thailand and beyond.