Online-LIVE Tissue Culture Master Class: Houseplants Itinerary

Saturday

Day 1:

- Basics & Principles of Plant Tissue Culture
- Tissue Culture Process with Techniques and Applications
- Learn How to Make Your Plant Growth Regulators/Hormones
- Plant Tissue Culture Media Preparation (Rooting Media, Multiplication Media, and Liquid Media)
- Lab and Clean Room Design 101 with Equipment List
- Seed Sterilization + Germination Techniques
- Aseptic Technique Demonstration
- Autoclave / Pressure Cooker 101
- Learn to Subculture Tissue Culture Plants like Philodendrons, Monsteras, Alocasias, African Violets, and even Carnivorous Plants!

Sunday

Day 2:

- Leaf and Node Sterilization and Preparation
- Plant Tissue Culture Induction to Media
- Move Sterile Seeds to Plant Tissue Culture Media
- Re-Sterilization of Contaminated Cultures
- De-Flask Tissue Culture Plants and Acclimation Techniques
- Plant Conservation: Synthetic Seed Encapsulation Demonstration (Long-Term Storage Solutions)
- Final Q&A with Expert Tissue Culturist - Francisco Palacios