



Lecture Series

Plant Biotechnology: Principles and Applications

Wed. 8:30 – 10:00 in H53

Start: Wed. April 19, 2023

19.04.2023	Introduction to Plant Biotechnology and GMPs	Dresselhaus
26.04.2023	Plant Tissue Culture	Dresselhaus
03.05.2023	Plant Breeding I: Classical Methods	Dresselhaus
10.05.2023	Plant Breeding II: Modern Methods	Dresselhaus
17.05.2023	Plant Genetic Engineering I	Grasser
24.05.2023	Plant Genetic Engineering II	Grasser
31.05.2023	Agronomic Traits	Grasser
07.06.2023	Quality Traits and Molecular Farming	Grasser
14.06.2023	Biotechnology for Pest Control	Koch
21.06.2023	Bioenergy Plants and Biosafety Research	Grasser
28.06.2023	Plant RNA Biotechnology I	Koch
05.07.2023	Plant RNA Biotechnology II	Koch
<i>open</i>	<i>Beer garden discussion: Global applications of plant biotech methods</i>	All docents

This lecture series addresses advanced students (6th semester and higher) in the life sciences and related fields. The focus will be on methods of plant tissue culture and genetic engineering as well as various applications of plant biotechnology for crop improvement in agriculture. Modern plant breeding methods will be introduced and ethical and safety issues as well as public perception will be discussed.