

Diagnostic Mycology Teaching Laboratory (217):

This laboratory is located on the second floor of the department building and contains a large number of microscopes and workspace for the required experiments. The lab has a capacity of 25 students per practical session.

In this laboratory, the practical part of the Mycology course is taught, aiming to equip students with the skills and knowledge necessary to diagnose, isolate, and study fungi that infect humans, animals, and plants. Students learn how to collect biological samples (such as skin, nails, and hair) suspected of fungal infections. They are trained in fungal isolation and cultivation techniques using specialized media to grow fungi under suitable laboratory conditions. Students are trained to use the microscope to identify fungi based on their morphological characteristics, such as spore shape and fungal hyphae. They learn how to perform fungal susceptibility tests and diagnose fungal diseases by analyzing clinical samples and identifying pathogenic fungal species. This includes training in techniques such as direct examination of infected samples and using antibodies to detect fungi.

