

معاونت توسعه آموزش دانشگاه علوم پزشکی اهواز

مرکز مطالعات و توسعه آموزش علوم پزشکی

Course Identity

Course Title:	Medical Mycology
Field & Level:	General Medicine (Professional Doctorate)
Faculty:	Medicine
Course Code:	1121843
Academic Year:	1404-1405 (2025-2026)
Prerequisite:	None
Credits:	1
Semester:	Fall (Mehr)
Teaching Team:	Dr. Ali Rezaei Matehkolaie
Class Time:	Mon days, 10–12 AM
Course Coordinator:	Dr. Ali Rezaei Matehkolaie
Email:	a.r.matehkolaie@gmail.com
Office Hours:	Daily during non-class hours

General Course Objectives

To familiarize students with fungi and medically important fungal infections, as well as diagnostic methods and treatments for these infections.

Instructor Name	Teaching Method	Learner Activities	Outline (Expected Concepts of Teaching)	Date	Session
Ali Rezaei-matekolaei	Lecture and Q&A, video projector and whiteboard	Attending class, participating in group discussions	Familiarity with general information about fungi, their characteristics, their abundance and distribution, their reproductive methods, and familiarity with their external and vegetative structures.	5/7/1404	First
Ali Rezaei-matekolaei	Lecture and Q&A, video projector and whiteboard	Attending class, participating in group discussions	Introduction to the general principles of fungal diseases (classification of fungal diseases), laboratory diagnosis of fungal infections and identification of their agents, introduction to common saprophytic fungi	12/7/1404	second
Ali Rezaei-matekolaei	Lecture and Q&A, video projector and whiteboard	Attending class, participating in group discussions	Introduction to the types of superficial fungal diseases, epidemiology and spread, agents, clinical symptoms, diagnosis of	19/7/1404	third

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			infection and identification of infectious agents and treatment		
Ali Rezaei-matekolaei	Lecture and Q&A, video projector and whiteboard	Attending class, participating in group discussions	Introduction to the types of cutaneous fungal diseases (ringworm or dermatophytosis), epidemiology and spread, agents causing infection, clinical symptoms, diagnosis of infection and identification of infectious agents and treatment	26/7/1404	Fourth
Ali Rezaei-matekolaei	Lecture and Q&A, video projector and whiteboard	Attending class, participating in group discussions	Continuation of the topic of ringworm, introduction to common dermatophyte species causing dermatophytosis including the genera Trichophyton, Microsporum, Nanizia and Epidermophyton	17/8/1404	Fifth
Ali Rezaei-matekolaei	Lecture and Q&A, video projector and whiteboard	Attending class, participating in group discussions	Introduction to the types of subcutaneous fungal diseases, epidemiology and spread, agents causing infection, clinical symptoms, diagnosis of infection and identification of infectious agents and treatment	24/8/1404	Sixth
Ali Rezaei-matekolaei	Lecture and Q&A, video projector and whiteboard	Attending class, participating in group discussions	Introduction to the general principles of visceral (systemic) fungal infections, systemic fungal infections caused by pathogens Dimorphism, epidemiology and spread, infectious agents, clinical symptoms, diagnosis of infection and identification of infectious agents and treatment	1/9/1404	Seventh
Ali Rezaei-matekolaei	Lecture and Q&A, video projector and whiteboard	Attending class, participating in group discussions	Introduction to systemic fungal infections caused by opportunistic pathogens, epidemiology and spread, infectious agents, clinical symptoms, diagnosis of infection and identification of infectious agents and treatment	8/9/1404	Eighth
Ali Rezaei-matekolaei	Short lecture and presentation of key diagnostic points, video projector and whiteboard	Attending a practical class, observing the slides in full and recording their details	Observation of slides related to fungal structures, saprophytic fungi, superficial fungal diseases and tinea capitis	3/8/1404 10/8/1404	First Practical

Ali Rezaei-matekolaei	Short lecture and presentation of key diagnostic points, video projector and whiteboard	Attending a practical class, observing the slides in full and recording their details	Observation of slides related to dermatophytes, slides related to subcutaneous fungal diseases and their agents in tissue, visceral fungal diseases and their agents in patient tissue	15/9/1404 22/9/1404	Second Practical
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Student Responsibilities

- Punctual attendance
- Review of previous topics
- Active participation in class discussions

Assessment Method

- Class attendance
- Final exam (theoretical and practical)

Main References & Approved Ministry Resources

1. *Comprehensive Medical Mycology* (Author: Zini, Mahbod, Emami) – Persian
2. *Medical Mycology and Practical Diagnostic Methods* (Translation: Khosravi) – Persian