

Syllabus of Mechanisms of Microbial Pathogenesis & Virulence Factors

2023/2024

PhD Microbiology

Course coordinator: Prof. Dr. Dalia Abdul Kareem Shaheed
Prof. Dr. Inam Jasim Lafta
Prof. Dr. Aida Baraa Alawe

Week	Lecture	Lecturer
1	Fungal Structure and Classification	Dr. Dalia
2	Virulence Factors of Pathogenic Fungi	=
3	Fungal Structure and Classification	=
4	Bacterial Pathogenesis & Virulence, Bacterial Defense Strategies	Dr. Inam
5	Motility and Chemotaxis, Colonization of Host Surfaces	=
6	Mid Term Examination	/
7	Types of Bacterial Adherence Mechanisms, Evading the Host Immune Response	Dr. Inam
8	Invasion and Uptake by Host Cells, Tissue Penetration and Dissemination	=
9	Delivery of Virulence Factors	=
10	Viral Pathogenesis	Dr. Aida
11	Cell Tropism	=
12	Cytoplasmic Effects Caused by Viruses	=
13	Antiviral Drugs	=
14	Interferon and Viral Interference	=