

FACULTY OF MEDICINE PHASE III - FALL										
MED313	Instructor: Prof. Dr. Nedret KILIÇ	09.30 - 10.20	10.30 - 11.20	11.30 - 12.20	12.30 - 13.20	13.30 - 14.20	14.30 - 15.20	15.30 - 16.20	16.30 - 17.20	17.30 - 18.20
1	15.09.2022 THURSDAY					Introduction to Proteomics: The proteome, The tasks in proteomics, Challenges in proteomics, Proteomics in relation to other omics and system biology (Dr. Kiliç) CR: Lecture Hall 104	Introduction to Proteomics: The proteome, The tasks in proteomics, Challenges in proteomics, Proteomics in relation to other omics and system biology (Dr. Kiliç) CR: Lecture Hall 104			
2	22.09.2022 THURSDAY					Some general applications of proteomics Separation and detection technologies-1: Introduction to experimental strategies in proteomics, Sample preparation (Dr. Kiliç) CR: Lecture Hall 104	Some general applications of proteomics Separation and detection technologies-1: Introduction to experimental strategies in proteomics, Sample preparation (Dr. Kiliç) CR: Lecture Hall 104			
3	29.09.2022 THURSDAY					Separation and detection technologies-2: Gel-based technologies/2D gels, Gel-based separation, Visualization and analysis of proteins/peptides in gels (Dr. Kiliç) CR: Lecture Hall 104	Separation and detection technologies-2: Gel-based technologies/2D gels, Gel-based separation, Visualization and analysis of proteins/peptides in gels (Dr. Kiliç) CR: Lecture Hall 104			
4	06.10.2022 THURSDAY					Separation and detection technologies-3: Gel-free separation technologies, HPLC, RPLC, IEC (Dr. Kiliç) CR: Lecture Hall 104	Separation and detection technologies-3: Gel-free separation technologies, HPLC, RPLC, IEC (Dr. Kiliç) CR: Lecture Hall 104			
5	13.10.2022 THURSDAY					Separation and detection technologies-4: CE, SEC, Optical detectors (Dr. Kiliç) CR: Lecture Hall 104				
6	20.10.2022 THURSDAY					Basic principles of mass spectrometry for proteomics-1 (Dr. Kiliç) CR: Lecture Hall 104	Basic principles of mass spectrometry for proteomics-1 (Dr. Kiliç) CR: Lecture Hall 104			
7	27.10.2022 THURSDAY					Basic principles of mass spectrometry for proteomics-2 (Dr. Kiliç) CR: Lecture Hall 104	Basic principles of mass spectrometry for proteomics-2 (Dr. Kiliç) CR: Lecture Hall 104			
8	03.11.2022 THURSDAY						<b>MIDTERM CR: Lecture Hall 104</b>			
9	10.11.2022 THURSDAY					Mass analyzers and mass spectrometers-1 (Dr. Kiliç) CR: Lecture Hall 104	Mass analyzers and mass spectrometers-1 (Dr. Kiliç) CR: Lecture Hall 104			
10	17.11.2022 THURSDAY					Mass analyzers and mass spectrometers-2 (Dr. Kiliç) CR: Lecture Hall 104	Mass analyzers and mass spectrometers-2 (Dr. Kiliç) CR: Lecture Hall 104			
11	24.11.2022 THURSDAY					Analysis and interpretation of mass spectrometric and proteomic data: Analysis of MS data (Dr. Kiliç) CR: Lecture Hall 104	Analysis and interpretation of mass spectrometric and proteomic data: Analysis of MS data (Dr. Kiliç) CR: Lecture Hall 104			
12	01.12.2022 THURSDAY					Analysis and interpretation of mass spectrometric and proteomic data: Analysis of MS/MS data (Dr. Kiliç) CR: Lecture Hall 104	Analysis and interpretation of mass spectrometric and proteomic data: Analysis of MS/MS data (Dr. Kiliç) CR: Lecture Hall 104			
13	08.12.2022 THURSDAY					Quantification of LC MS and MS/MS data from complex samples (Dr. Kiliç) CR: Lecture Hall 104	Quantification of LC MS and MS/MS data from complex samples (Dr. Kiliç) CR: Lecture Hall 104			
14	15.12.2022 THURSDAY					Bioinformatic approaches for mass spectrometric proteome data analysis Novel strategies in proteomics: Imaging mass spectrometry, Quantitative proteomics for biomarker discovery (Dr. Kiliç) CR: Lecture Hall 104	Bioinformatic approaches for mass spectrometric proteome data analysis Novel strategies in proteomics: Imaging mass spectrometry, Quantitative proteomics for biomarker discovery (Dr. Kiliç) CR: Lecture Hall 104			
15	22.12.2022 THURSDAY					Overview of semester (Dr. Kiliç) CR: Lecture Hall 104	Overview of semester (Dr. Kiliç) CR: Lecture Hall 104			
16	29.12.2022 THURSDAY					<b>FINAL EXAM</b>				