

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	30.09.2021 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:331	Introduction to Proteomics: The proteome, The tasks in proteomics, Challenges in proteomics, Proteomics in relation to other - omics and system biology (Dr. Kiliç) CR:331	
2	07.10.2021 THURSDAY					Some general applications of proteomics Separation and detection technologies-1: Introduction to experimental strategies in proteomics, Sample preparation (Dr. Kiliç) CR:331	Some general applications of proteomics Separation and detection technologies-1: Introduction to experimental strategies in proteomics, Sample preparation (Dr. Kiliç) CR:331			
3	14.10.2021 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:331	Separation and detection technologies-2: Gel-based technologies/2D gels, Gel-based separation, Visualization and analysis of proteins/peptides in gels (Dr. Kiliç) CR:331			
4	21.10.2021 THURSDAY					Separation and detection technologies-3: Gel-free separation technologies, HPLC, RPLC, IEC (Dr. Kiliç) CR:331	Separation and detection technologies-3: Gel-free separation technologies, HPLC, RPLC, IEC (Dr. Kiliç) CR:331			
5	26.10.2021 TUESDAY								Separation and detection technologies-4: CE, SEC, Optical detectors (Dr. Kiliç) CR:331	
6	3.11.2021 WEDNESDAY							Basic principles of mass spectrometry for proteomics-1 (Dr. Kiliç) CR:331	Basic principles of mass spectrometry for proteomics-1 (Dr. Kiliç) CR:331	
7	11.11.2021 THURSDAY					Basic principles of mass spectrometry for proteomics-2 (Dr. Kiliç) CR:331	Basic principles of mass spectrometry for proteomics-2 (Dr. Kiliç) CR:331			
8	18.11.2021 THURSDAY						<b>MIDTERM CR-331</b>			
9	25.11.2021 THURSDAY					Mass analyzers and mass spectrometers-1 (Dr. Kiliç) CR:331	Mass analyzers and mass spectrometers-1 (Dr. Kiliç) CR:331			
10	2.12.2021 THURSDAY					Mass analyzers and mass spectrometers-2 (Dr. Kiliç) CR:331	Mass analyzers and mass spectrometers-2 (Dr. Kiliç) CR:331			
11	9.12.2021 THURSDAY					Analysis and interpretation of mass spectrometric and proteomic data: Analysis of MS data (Dr. Kiliç) CR:331	Analysis and interpretation of mass spectrometric and proteomic data: Analysis of MS data (Dr. Kiliç) CR:331			
12	15.12.2021 WEDNESDAY						Analysis and interpretation of mass spectrometric and proteomic data: Analysis of MS/MS data (Dr. Kiliç) CR:331	Analysis and interpretation of mass spectrometric and proteomic data: Analysis of MS/MS data (Dr. Kiliç) CR:331		
13	23.12.2021 THURSDAY					Quantification of LC MS and MS/MS data from complex samples (Dr. Kiliç) CR:331	Quantification of LC MS and MS/MS data from complex samples (Dr. Kiliç) CR:331			
14	30.12.2021 THURSDAY					Bioinformatic approaches for mass spectrometric proteome data analysis Novel strategies in proteomics: Imaging mass spectrometry, Quantitative proteomics for biomarker discovery (Dr. Kiliç) CR:331	Bioinformatic approaches for mass spectrometric proteome data analysis Novel strategies in proteomics: Imaging mass spectrometry, Quantitative proteomics for biomarker discovery (Dr. Kiliç) CR:331			
15	6.1.2022 THURSDAY					Overview of semester (Dr. Kiliç) CR:331	Overview of semester (Dr. Kiliç) CR:331			
16	13.1.2022 THURSDAY					<b>FINAL EXAM</b>				