

# BI-793 Lecture Schedule

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**Faculty:** Catherine E Costello (CEC), Cheng Lin (CL) Manveen Sethi (MS),  
Bing Wang (BW), Joseph Zaia (JZ)

**Location, Time:** BUSM, 670 Albany St, Room 107/108, Tuesdays 3-4:50 PM

Jan <del>25</del> 24	1. Introduction; lab tour	CEC
Jan 31	2. MS fundamentals	CL
Feb 7	3. Ionization methods: MALDI & ESI	CL
Feb 14	4. Mass analyzers	CL
Feb 21	no class; Monday classes held on Feb 21	
Feb 28	5. Peptides and proteins	JZ
Mar 7	no class; spring break	
Mar 14	6. Proteomics and databases	MS

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Mar 15-20	6a. <i>Lab demos: MS<sup>n</sup>, databases</i>	MS
Mar 21	7. Noncovalent complexes	MS
Mar 28	8. Nucleic acids	BHW
Apr 4	9. Affinity methods	JZ
Apr <del>12</del> 11	10. MS imaging, profiling	JZ
Apr 18	11. Carbohydrates	JZ
Apr 25	12. Lipids, Glycoconjugates	CEC
May 2	13. Medical applications	CEC
May 11	papers due	