

NMR Course – Feb 6-10, 2023

Monday Feb 6 (Medical Sciences Teaching Centre Room LGa)

9:30-10:45am	Introduction to Biomolecular NMR and to Assignment of Protein NMR Spectra (C Redfield)
10:45-11am	coffee/tea break
11am-12:30pm	Assignment of Protein NMR Spectra (contd)
12:30-1:30pm	lunch break (lunch is not provided)
1:30-5pm	Assignment of Protein NMR using ^{15}N and ^{13}C Labelling including Assignment Practical (C Redfield)

Tuesday Feb 7 (MSTC Room UGc)

NO MORNING SESSION

1:30-5pm	Assignment of Protein NMR using ^{15}N and ^{13}C Labelling including Assignment Practical (C Redfield)
3:15-3:30pm	coffee/tea break

Wednesday Feb 8 (afternoon in Biochem Phase 2 Ground Floor Meeting Room)

9:30-12:30pm	NMR spectrometer practical demonstration (to be arranged)
12:00-1pm	lunch break (lunch is not provided)
1pm-4pm	Extracting Structural Information from NMR Data & Structure Determination (C Redfield)

Thursday Feb 9 (MSTC Room UGc)

9:30-11am	Protein Dynamics (C Redfield)
11-11:15am	coffee/tea break
11:15-12:30pm	Investigating protein-protein interactions using NMR (P Elliott)
12:30-1:30pm	lunch break (lunch is not provided)
1:30-2:30pm	Using NMR to Study Intrinsically Disordered Proteins (J Schnell)
2:30-3:30pm	Solution NMR Studies of Membrane Proteins (J Schnell)
3:30-3:45pm	coffee/tea break
3:45-5pm	Protein-ligand interactions by NMR (C Redfield)
