



UCD Conway Institute of Biomolecular & Biomedical Research  
Graduate Modules 2025/2026  
CNWY40160: Applied Proteomics

Date & Time	Session & Topic	Coordinator
Tuesday <b>22 April 2025</b> Health Science Centre <b>B311</b> 10.00 – 11.00 11.00 – 12.00	<b>Protein Biochemistry Refresher</b> L1: Proteomics in Biological Research L2: Protein Biochemistry Refresher	Prof. Matthias Wilm
Tuesday <b>22 April 2025</b> Health Science Centre <b>B311</b> 14.00 – 15.00 15.00 – 16.00	<b>Protein Analysis Techniques</b> L1: Mass Spectrometry Centered Techniques for Protein Analysis L2: Fundamentals of mass spectrometry; Ionization methods and instrumentation for protein and peptide analysis by MS	Prof. Matthias Wilm
Thursday <b>24 April 2025</b> Health Science Centre <b>B333</b> 10.00 – 11.00 11.00 – 12.00	<b>Mass spectrometry (MS) techniques I</b> L1: Protein Identification by Mass Spectrometric Techniques L2: Analysing Intact Proteins and Protein Complexes by Mass Spectrometry	Prof. Matthias Wilm
Friday <b>25 April 2025</b> Health Science Centre <b>C007</b> 10.00 – 11.00 11.00 – 12.00	<b>Mass spectrometry (MS) techniques II</b> L1: Quantitative Proteomics I L2: Quantitative Proteomics II	Prof. Matthias Wilm
Thursday <b>01 May 2025</b> Conway <b>Seminar Room 2 (G028)</b> 14:00 - 15:00	L3: Shotgun proteomics of industrial microorganisms	Dr. Tanja Narancic



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Tuesday <b>06 May 2025</b> Conway <b>Seminar Room 2 (G028)</b> 10.00 – 11.00 11.00 – 12.00	<b>Proteomics in Biological Research</b> L1: Targeted Proteomics L2: The Human Proteome	Prof. Matthias Wilm
Wednesday <b>07 May 2025</b> Conway <b>Seminar Room 2 (G028)</b> 10:00 - 11:00	<b>Assessment 1</b>	Prof. Matthias Wilm
Thursday <b>08 May 2025</b> Conway <b>Seminar Room 2 (G028)</b> 10.00 – 11.00 11.00 – 12.00	<b>Applications of MS-based proteomics</b> L1: Study of protein post-translational modifications (PTMs) L2: Study of protein-protein interactions; Chemical proteomics	Prof. Gerard Cagney
Tuesday <b>13 May 2023</b> Conway <b>Seminar Room 2 (G028)</b> 14:00 - 15:00	<b>Assessment 2</b>	Prof. Matthias Wilm