

# Wei Chen

## Graduate Biomedical Scientist

HCPC-registered biomedical scientist with hands-on laboratory experience across clinical biochemistry, haematology, and microbiology. Completed a **48-week NHS training placement** at Nottingham University Hospitals, processing over **500 patient samples per week** during peak periods. Graduated from Nottingham Trent University with a **2:1 (64% average)** in Biomedical Science, with a strong foundation in quality management, UKAS standards, and laboratory safety.

### SKILLS

Clinical Biochemistry Analysis • Haematology & Blood Film Review • Blood Transfusion (Group & Save, Crossmatch) • Microbiology Culture & Sensitivity • ELISA & Immunoassay • PCR & Molecular Techniques • Quality Management (UKAS, ISO 15189) • Sample Processing & Tracking (LIMS) • Health & Safety (COSHH, Risk Assessment) • Data Analysis (Excel, SPSS) • Aseptic Technique • Audit & Continuous Improvement

### LANGUAGES

English - Native • Mandarin - Native

### EXPERIENCE

Trainee Biomedical Scientist (Placement Year), Nottingham University Hospitals NHS Trust, Nottingham *Jul 2024 - Jun 2025*

Completed a 48-week IBMS-approved training placement rotating through clinical biochemistry, haematology, and blood transfusion at Queen's Medical Centre.

- Processed an average of **500 patient samples per week** across automated and manual analytical platforms
- Performed **200+ blood film examinations** in the haematology department, identifying abnormal morphology for consultant review
- Completed **45 competency assessments** across all three laboratory disciplines, passing all at first attempt
- Contributed to an internal audit on sample labelling errors, reviewing **1,200 records** and presenting findings to the quality team

Laboratory Demonstrator (Part-time), Nottingham Trent University, Nottingham *Sep 2023 - Jun 2024*

Supported first and second-year biomedical science students during practical laboratory sessions.

- Supervised **3 practical sessions per week** covering microscopy, ELISA, and PCR techniques for groups of **25 students**
- Marked **60 laboratory reports** per semester and provided written feedback within 2-week turnaround

### EDUCATION

BSc (Hons) Biomedical Science in Biomedical Science, Nottingham Trent University, Nottingham *Sep 2021 - Jul 2025*

Graduated with Upper Second Class Honours (**2:1, 64% average**). IBMS-accredited programme with integrated 48-week NHS placement.

- Dissertation on antibiotic resistance patterns in urinary tract infections at a District General Hospital, graded **70%**
- Relevant modules: Clinical Biochemistry, Haematology, Medical Microbiology, Cellular Pathology, Quality Management

### CERTIFICATIONS

HCPC Registration (Biomedical Scientist), Health and Care Professions Council *Sep 2025 - Sep 2025*

IBMS Certificate of Competence, Institute of Biomedical Science *Jun 2025 - Jun 2025*

### EXTRA CURRICULAR ACTIVITY

Committee Member - NTU Biomedical Society *Sep 2022 - Jun 2024*

Organised career events and lab tours for **150 biomedical science students**.

- Arranged **6 guest lectures** from NHS biomedical scientists and industry professionals across the academic year