Curriculum Vitae of

Mr Rob Moore

Specialist Field:
Clinical, Forensic and Analytical Toxicology

Contact Details

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Professional Profile

Rob Moore is an HCPC-registered Clinical Scientist and Fellow of the Royal College of Pathologists specialising in clinical, forensic and analytical toxicology. He has over 20 years' experience in laboratory medicine and has authored more than 4,000 clinical and forensic toxicology reports. He has extensive experience providing independent expert toxicological opinion in criminal, civil, coronial and regulatory matters, including Single Joint Expert appointments. He has given oral expert evidence in the Crown Court and in more than 50 coronial inquests.

His casework includes the interpretation of prescribed and non-prescribed drugs, complex drug combinations and polypharmacy, including opioids, benzodiazepines, antidepressants, antipsychotics and medicines used in palliative care. He has particular expertise in novel psychoactive substances, synthetic opioids and the interpretation of complex post-mortem toxicology findings, supported by peer-reviewed research in these areas. He provides clear, impartial and evidence-based toxicological opinion for courts, coroners, solicitors and other legal professionals.

Areas of Expertise

• **Interpretation of post-mortem toxicology**, including drug concentrations, post-mortem redistribution and toxicological contribution to cause of death
• **Clinical interpretation of drug exposure and poisoning**, including therapeutic use, overdose, drug interactions and complex polypharmacy
• **Analytical toxicology of drugs in biological specimens**, including method development, identification, quantification and interpretation of toxicological findings
• **Interpretation of toxicological findings in relation to causation, impairment and exposure**, including detection windows, analytical limitations and the significance of positive and negative findings
• **Pharmacology and toxicodynamics**, including mechanisms of toxicity, drug interactions and behavioural effects of prescribed and non-prescribed substances
• **Interpretation of novel psychoactive substances and emerging synthetic opioids**, including nitazenes, particularly where published toxicological data are limited or evolving
• **Alcohol and toxic alcohol interpretation**, including ethanol and methanol analysis and toxicological significance

Qualifications

- Fellowship of the Royal College of Pathologists (FRCPath) – Clinical Biochemistry, 2024
- MSc Clinical Biochemistry – University College London, 2012
- BSc Biomedical Science – University of Westminster, 2007

Current Appointments

Founder & Director **2023–present**
Brighton Toxicology Services Ltd
- Provides independent expert witness and toxicology consultancy services, including the interpretation of complex toxicological findings and preparation of court-compliant expert reports for criminal, civil, coronial and regulatory matters.

Principal Clinical Scientist (Toxicology) **2016–present**
University Hospitals Sussex NHS Foundation Trust
- Responsible for the interpretation and reporting of complex clinical and forensic toxicology casework, specialist toxicological analysis, LC-MS method development, and scientific input to research and service development.

Previous Appointments

Senior Biomedical Scientist & Quality Lead **2014–2016**
Brighton & Sussex University Hospitals NHS Trust
- Led ISO 15189 quality management activities and acted as the departmental liaison during UKAS assessments.

Biomedical Scientist **2010–2014**
Brighton & Sussex University Hospitals NHS Trust
- Undertook analytical testing within Clinical Biochemistry, including instrument operation, troubleshooting, quality control and maintenance of service continuity.

Expert Witness Experience

- Experienced in preparing court-compliant expert reports and giving impartial oral expert evidence, including evidence in the Crown Court and in more than 50 coronial inquests.
- Has prepared expert reports for criminal, civil, coronial and regulatory matters, including appointments as a Single Joint Expert.
- Casework has included deaths and other matters involving alcohol, prescribed medicines, illicit drugs, synthetic opioids, benzodiazepines, synthetic cannabinoids and complex polypharmacy.
- Particular expertise in the interpretation of novel and uncommon psychoactive substances, including emerging synthetic opioids, where published toxicological data may be limited.
- Holds the Cardiff University / Bond Solon Expert Witness Certificate.

Training & Accreditation

- **Cardiff University / Bond Solon Expert Witness Certificate – 2026**
  - *Excellence in Report Writing – July 2025*
  - *Criminal Law and Procedure – July 2025*
  - *Courtroom Skills for Expert Witnesses – December 2025*
- Clinical Scientist (HCPC registered – Registration number CS20217) – since 2018

Professional Memberships

- Fellow, Royal College of Pathologists (since December 2024)
- Member, The International Association of Forensic Toxicologists (since July 2025)
- Member, London Toxicology Group (since 2016)

Publications (selected)

- Wood, R., & Moore, R. (2026). N-pyrrolidino isotonitazene and its metabolites in post-mortem casework. *Journal of Analytical Toxicology*, 50(6), bkag027. doi: 10.1093/jat/bkag027
- Chen, S., Aldabergenov, D., Alotaibi, K. S., Holland, A., Moore, R., Wood, R., et al. (2026). Is nitazene-related mortality underestimated? Findings from an in vivo and ex vivo rat study and pharmacoepidemiological analysis of coroner-reported deaths. *Clinical Toxicology*, 64(4), 311–323. doi: 10.1080/15563650.2025.2601141
- Ho, J. W., Hobbs, R., Brown, N., Dargan, P., Hikin, L. J., Lawson, A., McGovern, S., Moore, R., et al. (2026). Retrospective cohort analysis of nitrite and nitrate levels in postmortem biological samples after suspected suicide, 2019–24. *BMJ Public Health*, 4(2), e004215. doi: 10.1136/bmjph-2025-004215
- Wood, R., & Moore, R. (2025). Protonitazene metabolite variability in postmortem casework. *Journal of Analytical Toxicology*, 49(7), 427–435. doi: 10.1093/jat/bkaf042
- Pullen, J., Moore, R., Wood, R., Rab, E., Couchman, L., & Copeland, C. S. (2025). Fatalities following DMT use: two case reports and a review of the literature. *Journal of Analytical Toxicology*, 49(9), 725–733. doi: 10.1093/jat/bkaf064
- Moore, R., Wood, R., & James, H. (2026). Diagnostic algorithms for the investigation of disorders of vitamin B12: clinical practice review. *Journal of Laboratory and Precision Medicine*, 11, 14. doi: 10.21037/jlpm-2025-1-61