

## **Orla Sower, BSc(Hons), MSc, MFSSoc**

### **Personal Qualifications and Experience**

Miss Sower has been employed as a forensic biologist since 2003. She is instructed in approximately 50 cases each year most of which involve offences against property. These cases cover a range of forensic biology issues including the interpretation of DNA profiles and blood pattern analysis. In most cases these reports require consideration of the significance of the scientific findings in terms of disputed accounts of events. She is also responsible for the quality review of reports prepared by other experts at Keith Borer Consultants.

As part of her role at Keith Borer Consultants, Miss Sower set up, validated and currently runs the in-house DNA profiling unit. There, she is responsible for the analysis of a range of sample types including reference DNA samples, blood, saliva and semen stains and the analysis of samples for trace quantities of DNA.

Miss Sower has given expert testimony in Crown Court (in England and Wales), and has prepared reports for Courts in England, Scotland, the Republic of Ireland and Northern Ireland.

Miss Sower has the following qualifications:

- Bachelor of Science in Industrial Microbiology, 2000
- Master of Science in Forensic Science, 2002
- Member of the Forensic Science Society, 2006

Miss Sower has completed training on the interpretation of DNA evidence and blood pattern analysis, and has completed the Bond Solon Courtroom Skills Course. She was a Registered Forensic Practitioner (Body Fluids and DNA) up to 31<sup>st</sup> March 2009 when the register closed.

Miss Sower and her colleagues maintain an updated library on forensic biology methods and scientific advances, and on current case law relating to expert evidence. They are also involved in continual in-house research into body fluid transfer, persistence and pattern analysis.

Miss Sower can be contacted on:

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Further details on Keith Borer Consultants can be found on the following website:

**[www.keithborer.co.uk](http://www.keithborer.co.uk)**