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## Crime stain as a complex source of forensic information: The relevance of the integrated view

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Body fluid stains are the source of diverse forensic information. They bear various information fields which can be examined by a number of methods. So, bloodstains can be explored by bloodstain pattern analysis, immunological, biochemical techniques, DNA and RNA analysis, olfactory identification methods etc. Each information field in turn consists of a number of fields of lower order which examination is done to achieve forensic objectives specific for a certain kind of information. The entire spectrum of all these studies is performed by a number of professionals having diverse narrow expertise. Under these conditions, there may be a disadvantage due loss of vision of the integrated information picture. However, such a view is necessary for the successful use of the object for crime investigation. Discussion of the examination of forensically relevant body fluid stains as whole is a subject of this work.

### Biography

Irina Perepechina is a Professor of Department of Criminalistics of Legal Faculty of Lomonosov Moscow State University. She has both Medical and Legal education, PhD degree (1990) and Doctor of Medicine degree (2003) in Forensic Medicine (Genetic Identification). Her scientific interests focus on forensic DNA analysis, DNA evidence interpretation, DNA database, DNA phenotyping, forensic serology; legal aspects, theory and methodology of forensic science/medical law. She has more than 140 scientific publications and manuals. She is also a Member of the International Society for Forensic Genetics (ISFG), INGO; in 1995-1999 representative of Russian Federation in DNA WG of ENFSI. At the University she lectures Forensic Medicine, Criminalistics, Forensic Genetics and Forensic Science.

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