1. Record Nr. UNINA9910886099803321 Autore Yadav Praveen Kumar Titolo Advancements in Body Fluid Analysis in Forensics: Current and Emerging Methods / / by Praveen Kumar Yadav, Sweety Sharma Cham:,: Springer Nature Switzerland:,: Imprint: Springer,, 2024 Pubbl/distr/stampa **ISBN** 3-031-65804-3 Edizione [1st ed. 2024.] 1 online resource (324 pages) Descrizione fisica Disciplina 572.86 Soggetti Forensic sciences Forensic Science Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Introduction -- Application of forensic techniques to blood analysis --Forensic examination of semen -- Forensic examination of saliva stains -- Identification of urine and faecal matter from stains -- Conventional vs modern methods for the identification of vaginal secretions and menstrual blood -- Forensic analysis of sweat -- Forensic investigation of tears -- Role of milk stains in criminal investigation --Miscellaneous body fluids -- Determination of time since death from body fluids -- Role of chemometrics in forensic identification of body fluids -- Challenges in body fluid identification. Sommario/riassunto This book addresses the forensic examination of body fluids. The chapters that follow begin by laying out conventional examination methods for each body fluid and continues to more advanced and modern methods for detection and identification. It discusses the production, composition, and the forensic examination of each body fluid found in a human body in detail. It is ideal for graduate students

and new professionals in the field of forensic science.