

The relevance of Quality Certification in Forensic Science

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Abstract

Quality assurance is highly necessary in forensic science to ensure that the quality of results obtained and to demonstrate they have been produced using valid, credible, and standardized protocols and to demonstrate the competency of the forensic experts.

The implementation of quality systems is a legal requirement for forensic laboratories in countries across the EU and the USA, to ensure accurate, reliable, and precise results.

In this talk, there will be discussed the application and relevance in forensics of some quality certification programs (UNI EN ISO 9001, 17020, 17024, 17025).

Biography

Anna Barbaro has completed her European PhD in Forensic Genetics (PhD) at University of Santiago de Compostela (Spain). She got a Diploma at the School of Specialization in Applied Genetics and a Master Diploma in Psychological and Behavioral Techniques of the Criminal Investigation at the University of Rome La Sapienza (Italy). She has published more than 150 papers, including conference presentation, she is Author of 5 technical Manuals and of some chapters in other books. She serves as President of the Worldwide Association of Women Forensic Experts, she is honor member of some scientific associations, she serves as reviewer for several international scientific journals, and she is Member of the Editorial Committee of some international scientific journals. Invited speaker at various national and international conferences, organizer of courses and conferences about Forensic Sciences, member of the Scientific Committee of several courses and conferences. She is researcher at the University of Alcalá (Spain) and director of Studio Indagini Mediche E Forensi (SIMEF) laboratory in Italy.