

Sabina Strano Rossi
Short CV

Place and date of birth: Rome, May 7th, 1967

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Other languages:

English – Speaking, listening and writing: Proficient user.

Spanish – Writing: Independent user - Speaking: Proficient user.

EDUCATION

1995 PhD, Forensic Sciences. Università Cattolica del Sacro Cuore (UCSC), Rome (Italy)

1990 Degree in Pharmacy. Università "La Sapienza", Rome (Italy) (110/110)

POSITION and PROFESSIONAL ACTIVITY

Professor of Forensic Toxicology and Forensic Medicine at the Catholic University of the Sacred Heart (UCSC).

Lecturer in the undergraduate courses of Medicine and Surgery, Biotechnology, Pharmacy, Laboratory Technicians, School of Specialization in Forensic Medicine.

Head of the Laboratory of Forensic Toxicology of UCSC.

President of the scientific association “Italian Forensic Toxicologists” (Tossicologi Forensi Italiani GTFI). Board Member since 2015.

Scientific advisor to WADA (World Antidoping Agency) in the List Expert Group (LiEG).

Scientific advisor to ITIA (International Tennis Integrity Agency) for management of doping cases.

Delegate of the Italian Antidrug Policies Department, National focal point, for reporting DRDs data to EMCDDA/EUDA and for the Forensic toxicology .

As GTFI president, advisor for the Antidrug Policies Department for policies on the assessment, prevention and enforcement activities on drug-related problems and addictions, in the framework of a cooperation agreement.

Project responsible of a cooperation agreement with Antidrug Policies Department for the development of a network of forensic toxicology laboratories to collect data on DRDs, non-fatal intoxications, DUI, child intoxications, analysis of confiscations. Coordination of the network, data collection and drafting of the report for the annual Drug Report to the Parliament.

Scientific Responsible of the Convention with Italian *Comando Generale Arma dei Carabinieri* for the confirmatory analyses for drugs of abuse.

Scientific Responsible of the convention with the Health Section of *Rete Ferroviaria Italiana RFI* for the confirmatory analyses for drugs of abuse in biological samples.

Main areas of expertise: Research in psychotropic drugs and drugs of abuse toxicology, development of analytical methods for their determination, addiction prevention and risk assessment policies.

Application to: drug-facilitated crimes (DFC), driving under the influence of psychotropic substances, workplace drug testing, postmortem toxicology, evidence-based epidemiological studies, evaluation of drugs use during pregnancy.

Analysis of seizures of substances from the black market, including doping agents.

Scientific manager of funded research projects on DFSA, identification of NPS (New Psychoactive Substances) in seizures and in biological samples, driving under the influence of alcohol and drugs. Specifically, the most recent are:

2024-actual: Project NARCOSIS founding from EU call HORIZON-CL3-2023-FCT-01

2022- actual: Unit Responsible of the Research Project “Effects of NPS: a Multicentric research to enhance the National Observatory for Drug Addiction and the Early Warning System database”, financed by Department of Antidrug policies, Presidency of Ministers Council. Unit Coordinator for method development and metabolism studies on NPS using various analytical techniques, and for the drafting and publishing of scientific papers as well as interim and final reports.

2013-2017 Scientific Responsible, project manager of the Research Project “NEPRA: New Psychoactive Substances and Road Accidents”, financed by Department of Antidrug policies, Presidency of Ministers Council. Responsibilities: coordination of case selection, development of analytical methods for the specific analysis of NPS in biological samples, drafting and publishing scientific papers, drafting interim and final reports.

2011-2016: Scientific Responsible, project manager of the Research Project “SMART STOP - project on the monitoring of e-shops selling dangerous health products”, financed by Department of Antidrug policies, Presidency of Ministers Council - (analysis of NPS and supplements containing unlabelled drugs sold online). Responsibilities: analysis of NPS sold online and of supplements containing unlabelled drugs, coordination with the Italian Carabinieri for the confiscations of NPS and Performance and Image Enhancing Drugs PIED, projection and coordination of the development of analytical methods, contact with different prosecutors' offices for results-management of the trials, drafting and publishing scientific papers, drafting interim and final reports.

2011-2014 Project Manager Research Project “VARD, Violence And date Rape Drugs”; financed by Department of Antidrug Policies, Presidency of Ministers Council. Coordination of scientific activities. Study on the prevalence of DFSA in Italy. Project manager responsibilities: networking with Emergency departments for subject enrolments in cooperation with the Pavia Poison Control Centre, development of analytical methods, coordination of the analysis of DFSA cases, statistical evaluations, drafting and publishing scientific papers, drafting interim and final reports.

2010-2012 Project Manager, Project: “TOXTEST” Experimental Study on on-site Drug Testing for DUID assessment. Department of Antidrug Policies, Presidency of Ministers Council. Responsibilities: design and coordination of scientific activities, development of

analytical methods, coordination of traffic police officers to perform on-site tests, collection and shipment of oral fluid samples with chain of custody, coordination of statistical evaluation results, drafting and publishing scientific papers, drafting interim and final reports.

1998-2010 Senior Analyst, responsible for the analysis of stimulants, drugs of abuse and narcotics and responsible of research projects at the WADA-accredited Italian Antidoping Laboratory, FMSI, Rome (Italy).

1995-1997 Junior researcher, Forensic Toxicology Laboratory, UCSC. Project from Ministry of Health: "hair analysis for drugs of abuse and its application to pregnant women and pathological newborns".

1993 and 1994 Scientific Consultant: "Study for standardization of indicators and methodologies of toxicological analysis in the field of cocaine abuse". UNICRI (United Nations Interregional Crime and Justice Research Institute), Rome.

More than 90 publications in peer-reviewed international scientific journals and over 20 in national journals, H-index=34.

Co-author of five book chapters in the field of Forensic and Analytical Toxicology.

More than 60 lectures given at national and international conferences.

Organized and taught seminars and courses to law enforcement agencies nationally and internationally.

Expert for Penal Courts as Forensic Toxicologist.

Member of:

- GTFI (Scientific Association Gruppo Tossicologi Forensi Italiani), President;
- TIAFT (The International Association of Forensic Toxicologists);
- SoHT (Society of Hair Testing);
- SITOX (Società Italiana di Tossicologia);
- SIMLA (Società Italiana di Medicina Legale)

Rome, april 17th, 2026

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