



# DRUGS in HAIR TESTING



# LEAD SCIENTISTS

## **Pascal Kintz** PhD

Widely recognised as the leading global authority on drugs in hair testing, Dr Kintz provides technical support for our Drugs in Hair Testing Service. Dr Kintz has published two books and over one hundred scientific papers on drugs in hair testing and is a regular guest speaker at scientific meetings and conferences around the world.

Dr Kintz is a founding member of the Society of Hair Testing (SoHT), an organisation established to produce guidelines on drugs in hair testing and is former president of The International Association of Forensic Scientists (TIAFT).

## **Julie Evans** MRSC, CChem, MFSSoc

With over 27 years experience in forensic toxicology, Mrs Evans is one of the leading and most experienced forensic toxicologists in the UK and has been involved in a number of high profile cases, most notably the investigation of Dr Harold Shipman.

Mrs Evans pioneered the introduction of drugs in hair testing into mainstream forensic science practice and is regularly invited to make presentations at UK and international conferences. She has co-authored a number of scientific papers on drugs in hair testing and leads our Drugs in Hair Testing Service, providing advice and interpretation of results.



Our Quality Management System is accredited by the United Kingdom Accreditation Service (UKAS) to international quality standard ISO 17025. We are actively pursuing extension of our scope of accreditation to ensure that we cover the ever increasing list of drugs and substances subject to abuse by individuals.

Our Company is a supplier under the National Forensic Framework Agreement following rigorous evaluation by UK Police to establish our technical and professional credentials in toxicology.

**Clients can be assured that our experienced specialists will treat their drugs in hair testing cases with the utmost confidentiality and care to internationally recognised quality standards.**

# DRUGS in HAIR TESTING

Over the past decade substance abuse and its associated problems have become an ever increasing concern, primarily for the criminal justice and social welfare systems.

Government and independent reports have identified a rise in the use of illicit drugs as well as prescription medication and new substances known as 'legal highs'.

Prolonged abuse contributes to serious psychological damage affecting an individual's own health and ability to care for his or her dependants.

Companies as well as UK courts are increasingly looking to hair analysis as a more accurate and reliable method of detecting persistent substance abuse.

Because metabolites of absorbed drugs become encapsulated in body hair, analysis for these drug residues can provide a useful and accurate assessment of an individual's intake of drugs over a period of time. This provides far more information than an 'on the spot' test which offers only a snapshot of drug intoxication.

The time taken for hair to grow allows testing to determine which drugs were taken and when: invaluable information for evidence of sporadic, regular or isolated drug use as well as evidence of a dose having been administered without consent.



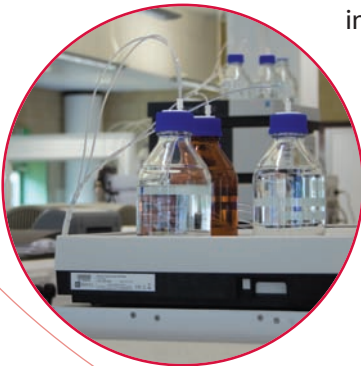
## ADVANTAGES OF HAIR TESTING

- Greater window of detection for an overall picture of drug abuse.
- Non-invasive collection protocols.
- Differentiates patterns of exposure
- A stable sample matrix.
- Allows for identification of a one-off dose.

## OUR DRUGS IN HAIR TESTING SERVICE

With the expertise at our disposal, we have developed a market leading service offering:-

- Secure sample collection and a guaranteed chain of custody.
- State of the art analytical techniques for single assays detecting multiple drugs.
- Exclusive partnership with internationally pre-eminent hair testing specialist.
- Expert Witnesses with several years experience of interpreting analytical results for the Criminal Justice System and HM Coroners.



# FORENSIC TOXICOLOGY for the 21ST CENTURY

**ROAR** Forensics was founded in 2007 to provide clients with improved forensic toxicology services. The Company's main objective is to undertake a more comprehensive range of analysis using state of the art instrumentation delivering results on time. One of our principal core values has always been a commitment to continuous improvement.

*'We are focused on becoming the **UK's leading forensic toxicology laboratory**, delivering a service you deserve.'* **Dr Simon Elliott**, Managing Director



## OUR COMPANY

We continue to invest in modern premises, qualified and experienced staff and the very latest analytical instrumentation to provide our clients with professional and progressive forensic toxicology services.

Our expertise, sharp client focus and innovative approach allow us to tailor our analyses to meet individual client's requirements. Whether carrying out investigations for HM Coroners, Police, solicitors, commercial organisations or private clients, Roar Forensics strives always to deliver a high quality service.



## OUR SERVICES

- We offer the most comprehensive drugs and poisons screening and quantification service currently available in the UK.
- We can go further than any other laboratory in the UK to ensure that casework is subjected to an unfailingly rigorous toxicological investigation.
- We deploy advanced expertise in the analysis of samples linked with suspected drug facilitated sexual assaults (DFSA) or 'spiked drinks'.
- Our Expert Witness service supports HM Coroners and Police in the investigation of suspicious deaths.
  - We undertake method development for analysis of the newer generation synthetic compounds, so called 'designer drugs' or 'legal highs'.
  - We offer recognised training courses in toxicology as well as carrying out research and development in toxicology.

## WHY CHOOSE **ROAR** FORENSICS?

- A scientific partner with an approach of continuous improvement and a culture of excellence ensures that your cases will always receive the very best toxicological analysis that is available now and in the future.
- Our nationwide sample collection service with a well established and robust chain of custody.
- With highly efficient laboratory workflow, our cost base is kept to a minimum and clients benefit from these cost savings.
- Speed of turnaround time on analytical results is considered to be critical and we pride ourselves in maintaining staff teams who take ownership of cases to ensure that requisite turnaround times are met.
- All clients can rely on expert support – we regularly attend in the capacity of Expert Witness to provide evidence at Inquests, Courts of Law or Child Custody Hearings.
- We offer training courses, seminars and several free events to educate stakeholders in the value and benefits of using drugs in hair testing.

**We would be pleased to provide references upon request.**



For further information about our Drugs in Hair Testing Service,  
please contact our office:



**ROAR Forensics**

Malvern Hills Science Park Geraldine Road Malvern Worcestershire WR14 3SZ UK

T: +44 (0) 1684 585282 F: +44 (0) 1684 574276

[enquiries@roarforensics.com](mailto:enquiries@roarforensics.com) [www.roarforensics.com](http://www.roarforensics.com)