

Gamechangers 2022 GLOBAL AWARDS

UK - FORENSIC SCIENTIST AND EXPERT WITNESS
LAW FIRM OF THE YEAR, OGT FORENSIC LTD

TOXICOLOGY AND EXPLOSIVES IN 2022

We continue to be instructed at the highest level in 2022, and the Pandemic Years have provided us with the most successful achievements to date, despite the extreme circumstances.

Toxicological Highlights have been: instruction in a number of high quantum criminal, commercial and family law cases involving: Carbon Monoxide (aircraft mid-air collision), Arsenic contamination of a family residence, Flunitrazepam (a case v The Sun Newspaper), Ricin and plant toxins, Fatal Hydrogen Sulphide drain emission, accusation of international assassination with Hydrogen Cyanide, Mustard and Nerve Chemical Agents, a potential 9 figure quantum Botulinum Toxin case, correctly championing the Watson's Total Body Water ethanol back calculation method, and a number of other fascinating instructions (e.g. cocaine in hair abstinence washout), and where we have been able to rapidly assist the Court.

Explosive Highlights have been: involvement in the Salvage of the hazardous materials carrier MS Bow Diamond (500 Tonnes of spilt TNT and RDX, with the potential to repeat the Beirut Incident), absolving an explosives firm from both a potential 8 figure quantum fine and also the need to relocate abroad, successfully resolving a fiendishly difficult fireworks accident case involving a hypervelocity projectile discharged into spectators, a TATP video, a World War II "Bomb" Explosion, and a range of other complex explosive cases, such as involving: improvised propellant rocket motors, explosives manufacture, unofficial instruction manuals, and a case which revealed copious nine-year old deposits of liquid nitroglycerine on laboratory glassware at the defence inspection!

We are privileged to continue our fascinating forensic scientific Odyssey!

Our approach to casework involves: 36 years of forensic and 43 years of scientific (ex-Oxford) expertise, experience of over 380 cases, and painstaking investigational technique, involving leaving no scientific or circumstantial evidential detail unconsidered.

If you feel that such an approach may be able to assist your client's case (large or small) (legal aid or private), please contact us for an initial free consultation.



Metro.co.uk (Open Access)



Bro-read.com (Open Access)

Anticlockwise:

- 1: A World War II "bomb", unearthed in an orchard, having lain undisturbed and unnoticed for nearly 70 years.
- 2: The explosion.
- 3: Single frame thermal image of the explosion after a few hundredths of a second.



Science Photo Library (open access)

The structure of the 145 kDa Botulinum Toxin A1 molecule, reported to be the most toxic substance towards humans known at this time, and which is widely used in medicine for therapeutic and also cosmetic aesthetic enhancement treatments, using low and sub nanogram doses.



US Army (Open Access)

THE "SPRINT", LOW YIELD THERMONUCLEAR TIPPED, ANTIBALLISTIC MISSILE INTERCEPTOR SYSTEM:

This rocket consumed several tonnes of a liquid nitroglycerine, cold-cast, enhanced, special propellant within 5 seconds, achieving speeds in excess of Mach 10 (3.4 km/second) to a height of 30 km.