

Major: Forensic Chemistry

Poster

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Drug trafficking is one of the most increasingly profitable illegal businesses around the world as the market value of drugs continues to rise by hundreds of billions of dollars each year. Methamphetamine (MA) is just one of the widely used illicit substances that are becoming a major problem. Abusing MA allows someone to become susceptible to an overdose, potentially resulting in a coma or even death. To combat this drug crisis, carbon dots (CDs) are starting to be used as drug sensors. CDs are environmentally friendly and cost effective, making them a valuable component to utilize within drug sensing schemes. CDs have properties that demonstrate unique biosensing capabilities due to the f