

WS 22: Oral Fluid Testing: Lessons and Trends from Workplace and Clinical Drug Testing

Audience Knowledge: Intermediate

Workshop Chairs

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Abstract

Oral fluid testing in the forensic space is growing in popularity, with more jurisdictions beginning to accept and test oral fluid. Forensic toxicologists can benefit from having knowledge of clinical and workplace oral fluid drug trends as this can help inform oral fluid casework. This workshop will offer an in-depth view of how and why clinical and workforce health laboratories test oral fluid specimens, what limitations they have overcome, and lessons they have learned that can benefit forensic testing laboratories. SOFT/TIAFT members who represent clinical and workforce health oral fluid testing laboratories in the United States will discuss patient oral fluid trends for cannabinoids, cocaine, opioids, and novel psychoactive substances (NPS). Challenges with test interpretation, cannabinoid differentiation, the role of automation during sample preparation and data processing, and how to “identify” environmental exposure will be discussed.

Speakers

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Workshop Agenda

Time	Topic	Speaker
01:30 PM - 02:00 PM	Introduction to Oral Fluid Drug Testing: Clinical and Workplace Perspective	Hudson
02:00 PM - 02:45 PM	Puff, Pass, Detect: Cannabinoids in Workplace Oral Fluid	Vikingsson
02:45 PM - 03:30 PM	Oral Fluid Opioid Observations from Clinical Testing	Bartock
03:30 PM - 04:00 PM	Break	
04:00 PM - 04:30 PM	Clinical Cocaine Oral Fluid Trends & Discussion of Environmental Exposure Arguments	Smith
04:30 PM - 05:00 PM	Oral Fluid Detection Trends of NPS in Pain & Behavioral Health Patient Populations	Schwoppe
05:00 PM - 05:30 PM	Questions and Practical Knowledge Discussion – All Speakers	Hudson, Vikingsson, Bartock, Smith, Schwoppe