C1 Mold Investigations — What is the Science Behind the Work?

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After attending this presentation, attendees will have an understanding of how semi-quantitative techniques are used to assess microbial growth problems.

Health effects from mold have received increased public and medical attention. This presentation will impact the forensic community and/or humanity by increasing the understanding of the limits of what can and cannot be measured, which is critical to understanding how this practice area operates.

This paper has several objectives:

- Understanding how microbial growth is measured.
- Understanding how data is interpreted to determine if amplification is occurring.
- Conveying to the participant how microbial consultants interpret all the information from a site to reach decisions on microbial remediation and/or occupancy issues.

The practice of microbial consulting is different from all other environmental practice areas. While the actual mycotoxins associated with molds are not usually measurable, there are direct associations between certain types of mold and health symptoms in humans. Gaining an understanding of this emerging science is fundamental to understanding which molds are and are not of concern.

Mold, Microbial, Amplification

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