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Post-mortem fungal colonization pattern during 6 weeks: two case studies

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Highlights

- Data about 6 weeks mycological monitoring on two real corpses are reported.
- Fungi give information about *perimortem* and *post-mortem* environmental conditions.
- Microfungal maturation provides information to determine the *post-mortem* interval.
- Fungi can give information about the movement of the corpse.

Abstract

The present study reports the mycological data collected from two corpses preserved in controlled conditions and monitored for 6 weeks at the mortuary. On the whole during the monitoring more than 70 fungal CFU (Colony Forming Units) were sampled from the corpses. The data collected were used to map the body fungal colonization of the corpses during 6 weeks. The two body maps show a huge difference between these cases, mainly due to the *perimortem* conditions. In particular,

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