Summary of: Human presence impacts fungal diversity of inflated lunar/Mars analog habitat

Key findings:

- The ILMAH (Inflatable Lunar/Mars Analog Habitat) mimics ISS conditions for closed human habitation.
- The ILMAH was inhabited by 30-day student crews.
- The fungal community succession was characterized during the 30-day occupation.
- The fungal community composition changed during human presence.
- The dominant fungal families were Ascomycota, Basidiomycota, and unclassified fungi.
- The fungal community structure differed between T0 (initial) and T20 (mid-point).
- The fungal community at T20 showed distinct profiles compared to other time points.
- The fungal community at T30 showed a distinct profile compared to T20.
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