

## Structural changes of mushroom chitin-glucan complexes caused by Cuprum (II) ions sorption

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**Keywords:** *chitin-glucan complex, structure, sorption, X-ray analysis.*

### Abstract

Structural features of chitin-glucan complexes of *Aspergillusniger* and *PleurotusOstreatus* mushroom species grown in different nutrient media with varying conditions of extraction of chitin-glucan complexes were studied by X-ray analysis. The effect of the adsorbed copper ions on ordering the chitin components of CGC was considered.