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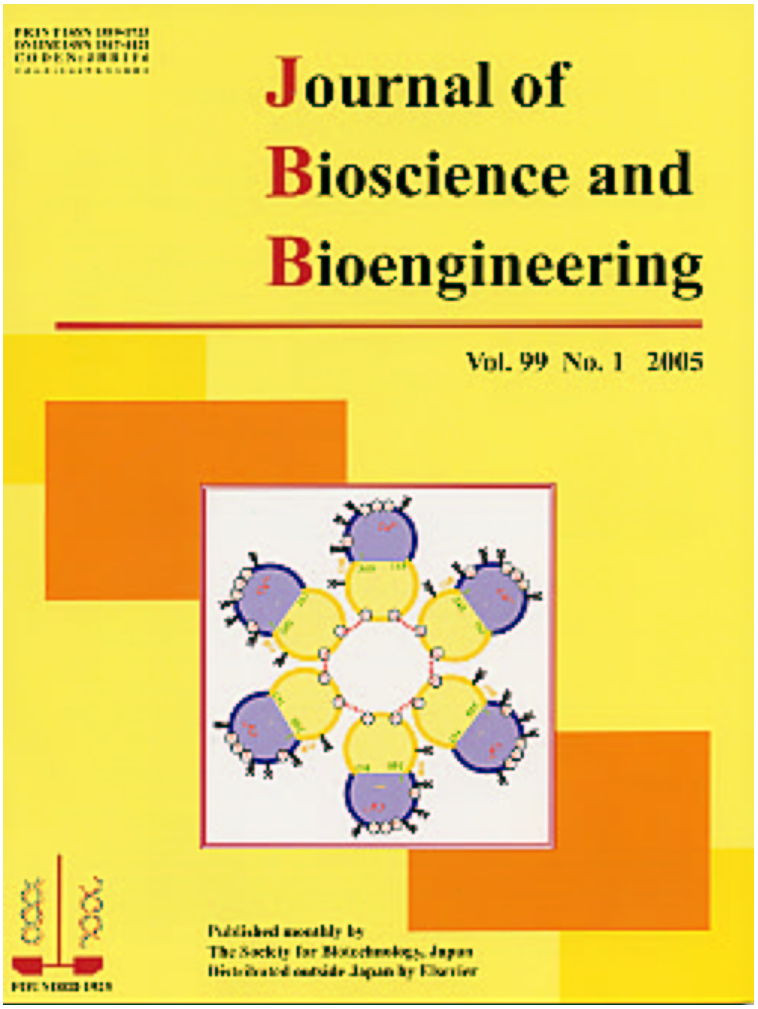

A model for the structure of a novel lectin, PCL-M.

Pleurotus cornucopiae synthesizes two types of lectins, PCL-F and PCL-M, in a developmental-stage-specific manner. The former occurs in a fruiting body, and the latter does only in a solid-grown mycelial aggregate and appears just prior to fruiting body formation, indicating the participation of PCL-M in the process of fruiting body formation. The most active form of PLC-M is composed of an oligomer (hexamer to octamer) of the subunits linked through disulfide bonds.

Related article: Sumisa, F., Ichijo, N., Yamaguchi, H., Nakatsumi, H., Ando, A., Iijima, N., Oguri, S., Uehara, K., and Nagata, Y., "**Molecular properties of mycelial aggregate-specific lectin of *Pleurotus cornucopiae***", **J. Biosci. Bioeng., vol. 98, 257-262 (2004)**.

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