

Research Article:

**DIAGNOSTIC MOLECULAR PRIN
TEHNICA PCR-DHPLC A CIUPERCILOR
CE DEGRADEAZĂ LEMNUL ÎN
CLĂDIRILE ISTORICE DIN ITALIA**

**MOLECULAR DIAGNOSIS BY PCR-
DHPLC TECHNIQUE OF WOOD-DECAY
FUNGI IN HISTORICAL BUILDINGS IN
ITALY**

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BIBLIOGRAFIE / REFERENCES

FAZIO, A.T., PAPANUTTI, L., GOMEZ, B.A., PARERA, S.D., RODRIGUEZ, A., SIRACUSANO, G., MAIER, M.S. (2010). Fungal deterioration of a Jesuit South American polychrome wood sculpture, *Int Biodet Biodeg* 2010; 64(8):694-701.

MAURICE, S., LE FLOCH, G., LE BRAS, M., BARBIER, G. (2010). Improved molecular methods to characterise *Serpula lacrymans* and other Basidiomycetes involved in wood decay. *J Microbiol Meth* 2010; In Press.

STERFLINGER, K. (2010). Fungi: Their role in deterioration of cultural heritage, *Fung Biol Rev* 2010; 24(1-2):47-55.

ZAREMSKI, A., DUCOUSSO, M., DOMERGUE, O., FARDOUX, J., RANGIN, C., FOUQUET, D., JOLY, H., SALES, C., DREYFUS, B., PRIN, Y. (2005). In situ molecular detection of some white-rot and brown-rot basidiomycetes infecting temperate and tropical woods. *Can j For Res* 2005; 35:12.