



## Izolarea substanțelor active cu caracter antifungic din *Paeonia suffruticosa* respectiv *Hedera helix*

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The presence of antifungal active compounds in *Paeonia suffruticosa* and *Hedera helix* extracts was detected with TLC bio tests (HOMANS A.L. & FUCHS A., 1970 modified) and HPLC. So 25  $\mu$ l of acetone extract (20 g FW in 100ml acetone 50%) from both plant species was applied on TLC aluminium plates (silica gel 60 F254; thickness 0,2 mm; Merck, Darmstadt) and processed with an solvent mixture cu tertiary butylmethylester (TBME) isooctane (7:3, v/v). After solvent evaporation (cca. 3 h), the plates were covered with malt- agar medium 1% and than an inoculation with *Cladosporium cucumerinum* spores was done. The TLC plates was incubated for 4-5 days in wheat chamber at 25°C, the inhibition areas was visible due the black mycelia of *Cladosporium cucumerinum*.