

**ARBUSCULAR MYCORRHIZAL FUNGI FROM THE CHERNOBYL
EXCLUSION ZONE AND THEIR POSSIBLE INFLUENCE TO THE
ACCUMULATION OF RADIONUCLIDES BY PLANTS**

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More than 30 plant species from the Chernobyl exclusion zone have been analyzed and plant samples with high level of arbuscular mycorrhizal fungi (AM) colonization were selected. Spores of AM fungi have isolated from the rhizosphere of those plants, which had high accumulation abilities related to the radionuclides and were high AM colonized as well. These AM spores are used to produce inocula in order of it's forthcoming application in the phytoremediation activity.