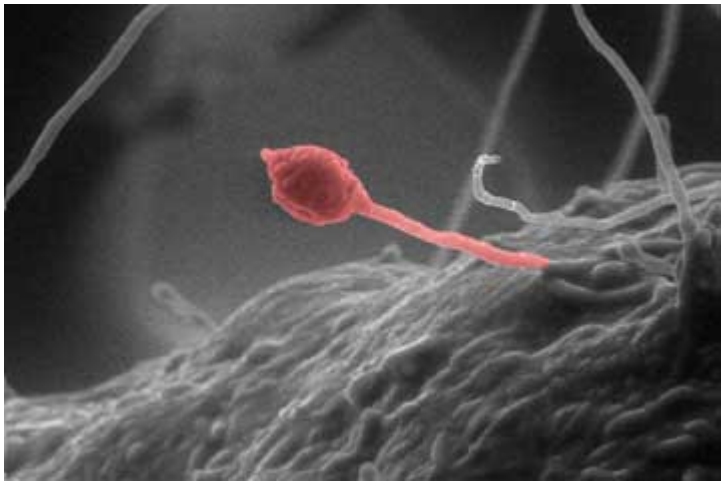
6 Σεπτεμβρίου 2009

Scientists To Produce Diesel Fuel from Fungi

/ Επιστήμες, Τέχνες & Πολιτισμός



The plants-infesting fungi produce a blend of hydrocarbons, the chemical compound of which is very reminiscent to that of diesel fuel. Scientists hope that they will be able to split off adequate genes in the DNA of the fungi, to implant the genes in microorganisms and to process wood substance to fuel.

High prices on oil and gas make developed countries of the world look for alternative sources of power. The world already uses nuclear, tidal and wind-powered plants to generate electric power, although it is impossible to make billions of cars in the world consume electricity instead of gas. Electromobiles can at the very least be used in cities, but not for long-distance travel or agricultural activities.

The ethanol-based alternative fuel, which is produced from corn or sugar cane, does not solve the problem either, since the production of one liter of ethanol requires the same amount of raw hydrocarbons. (περισσότερα...)