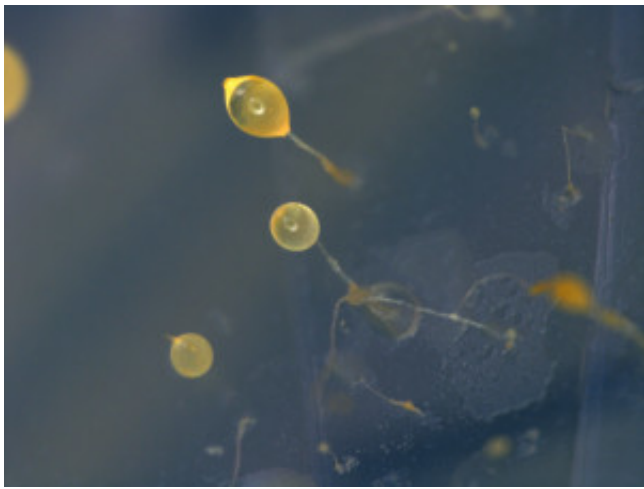


Cannabinoids from amoebae

New publication in Nature Biotechnology

January 18, 2022



The unicellular amoeba *Dictyostelium discoideum* can form a multicellular association and build fruiting bodies that release spores. Source: Falk Hillmann, Leibniz-HKI

ILRS doctoral researcher Christin Reimer and alumnus Johann Kufs are first authors of a study that developed a new method to produce complex natural products in amoebae. These polyketides include various antibiotics but also olivetolic acid, a precursor of the herbal active ingredient tetrahydrocannabinol (THC). The results were published in *Nature Biotechnology*. Congratulations to Johann and Christin!

Link to the press release: <https://www.leibniz-hki.de/en/press-release/cannabinoids-from-amoebae.html>