

Laboratory fermenter for culturing basidiomycete macromycetes comprises a housing (1), in which a U-shaped mixing device (2) is located, and a lid (5), in which a connecting piece (6) is mounted. The connecting piece (6) in the lid (5) is designed for the alternating introduction of culture medium and the removal of spent aeration air. At least one connecting piece (7) is located in the lower part of the housing for introducing sterile aeration air at a height no greater than $0.15 \cdot h$ from the bottom of the housing, where h is the height of the housing.