

Growth of *A. niger* on agar plates

Introduction

This protocol explains the basic steps for growing fungi on plates using either mycelia or spores.

Materials

- Agar plates with media of interest
- Sterile toothpicks
- Plate with mycelia/spores
- Perforated bag

Procedure

Plating using mycelia

1. Open the plate containing the mycelia from the species of interest.
2. With a sterile toothpick, scratch the surface of the mycelia.
3. Spike the new agar plate with the toothpick.
4. Repeat steps 1-3 three times. Three inoculation points should be made in the agar forming a triangle.
5. Put the plate into a perforated bag.
6. Place the bag into the incubator.

Plating using spores

1. Touch the sterile toothpick in the spore suspension.
2. Spike the new agar plate with the toothpick.
3. Repeat steps 1-3 three times. Three inoculation points should be made in the agar making forming a triangle.
4. Put the plate into a perforated bag.
5. Place the bag into the incubator.