Welcome to BioFabricating Materials (week 7) at Fabricademy 10th edition

LuizA Naslyan

# Growing Mycelium

## Mycelium

Grain Oyster Mushroom Mycelium (strain M5) was bought online, and it was shipped to

Dilijan.

## Substrates

Sunflower seeds
Coffee rests from the coffee machine
Mix of both

## Growth molds

In total 6 growth molds were chosen for the mycelium:

A rectangle cook tray
A butterfly cook tray
A star cook tray
A rectangle silicone form for jewelry making
A spherical  silicone form for jewelry making
A round bracelet  silicone form for jewelry making

## Steps:

- Wear a new apron and new gloves;
- Disinfected all the molds and working surfaces with 96% spirit and cotton;

- Prepare substrates: add the prepared sunflower seeds and coffee rests from the coffee machine;
- Add the mycelium with a pair of sterilized tweezers;
- Mix the sunflower seeds and coffee rests with mycelium in a way that mycelium is covered;
- Make holes onto the plastic wrap with a pair of tweezers so the mycelium can have access to oxygen;
- Place the molds on a tray;
- Cover the tray with a clean paper towel
- Put the tray up on a shelf high enough for children to reach
- It is recommended to conduct these steps in a room with no airflow at that moment;
- Make sure the tray is in warm room with humidity levels around 70%.