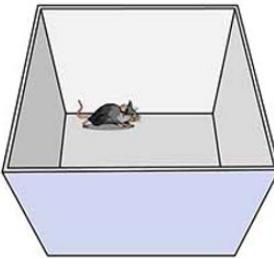
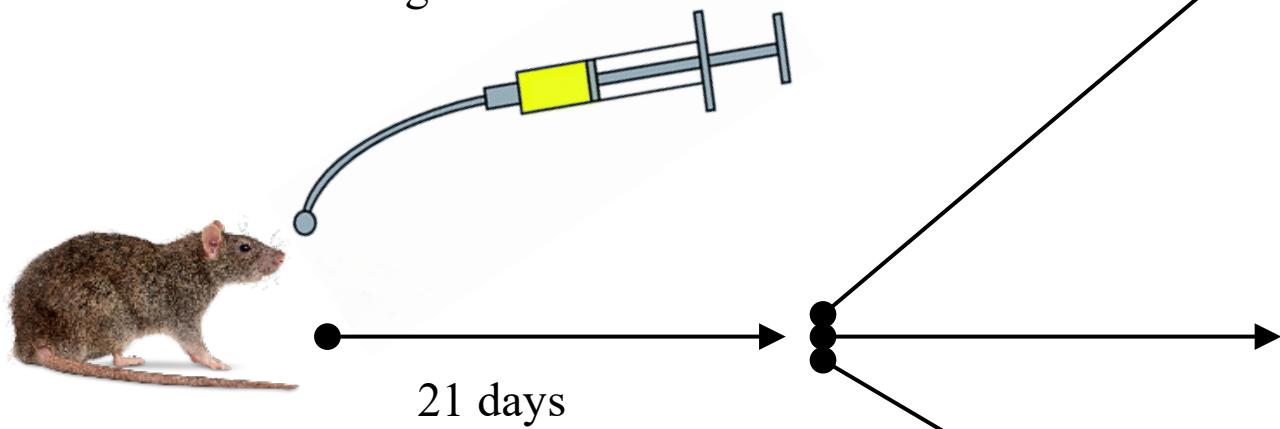
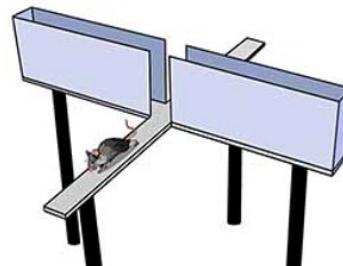


- *Fomitopsis officinalis*
- *Hericium erinaceus*
- *Pleurotus djamor*
(100, 250 and 500 mg mycelium/kg of body weight in 2 mL of 2% CMC)

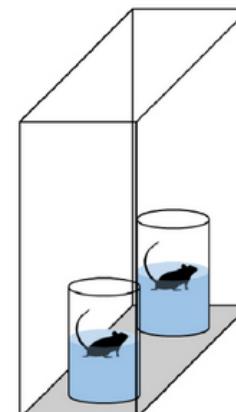
- Fluoxetine 20 mg/kg of body weight



Open field



Elevated Plus maze



Forced swimming test

- *Fomitopsis officinalis* at a dose of 250 mg/kg, increased threefold the occurrence of exploratory/orienting behaviour

- 100 mg/kg of *Fomitopsis officinalis* as well *Pleurotus djamor* mycelium showed an **anxiolytic effect**.

- 250 and 500 mg/kg of *Fomitopsis officinalis* as well *Hericium erinaceus* and *Pleurotus djamor* mushrooms have shown **antidepressant effects**.