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**Protocol status: Working** We use this protocol and it's working

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## (3) Habituation and dishabituation (olfaction test)

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#### **ABSTRACT**

Habituation and dishabituation (olfaction test) for mice

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- Present one cotton swab to the animal for object habituation for 10 min.
  Present a second swab impregnated with water for 3 min.
  Measure the number of times the animal goes towards the second cotton swab and the time the animal
- 5 Present a third swab impregnated with lemon essence (Essenciales) for 3 min.

Individualize each mouse in a different cage with new bedding.

- **6** Measure the number of times the animal goes towards the third cotton swab and the time the animal spends sniffing it.
- 7 Calculate the discrimination index (DI) according to the formula: (Time exploring lemon essence Time exploring water) / (Time exploring lemon essence + Time exploring water).

spends sniffing it.