

ANIMAL MODELS OF HYPERAMMONEMIA AND HEPATIC ENCEPHALOPATHY

In the laboratory of Neurobiology of the Centro de Investigación Príncipe Felipe, we are using the following animal models:

1. CHRONIC HEPATIC ENCEPHALOPATHY

- a) Rats with portacaval shunt (1)
- b) Rats with mild bile duct ligation
- c) Rats with strong bile duct ligation (2)
- d) Rats with diet-induced chronic hyperammonemia without liver failure (3,4)

2. ACUTE HEPATIC ENCEPHALOPATHY

- a) Galactosamine-induced strong acute liver failure (5)
- b) Galactosamine-induced mild acute liver failure (5)
- c) Acute hyperammonemia (6)

3. ACUTE ON CHRONIC HEPATIC ENCEPHALOPATHY

- a) Rats with bile duct ligation followed by diet-induced hyperammonemia (2)

More details can be seen at: <http://www.neurocipf.es/web/neurocipf/metodologias>

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