

## DEVICE FOR ASEMENT OF PHYSIOLOGICAL PERFORMANCE OF SMALL ANIMALS

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### Commercialization opportunities



- ➔ Licensing agreement
- ➔ Transfer of ownership
- ➔ Spin off

### IP Status



The invention was submitted for patenting according to Polish (P.406994) procedures.

### Implementation progress



TRL 4  
Technology validated in  
laboratory conditions

Laboratory animals, such as rodents, commonly used in testing of new pharmacological agents may be affected by a number of factors, such as caloric differences in the media used in their feeding, progression of the disease or metabolic changes following adverse drug reactions. Consequently, it is of vital importance for research and development institutions and pharmaceutical companies to possess means of precise measurement of physiological performance and motor abilities of test animals.

The dedevice described herein allows for detailed investigation of the physiological performance and changes in mobility of rodents and other small animals such as mice, rats, rabbits and syrian hamsters. The device is durable and easy to maintain and can be easily adapted to a wide range of operating conditions. Additionally, the device is equipped with a voltage output, connected via an analogue-digital modem to a monitor and an EEPROM programmable memory, coupled with an alphanumeric keypad.

The invention may be applied in pre-clinical pharmacological trials or tests of pharmaceuticals in which rodents or other small animals are involved.

### Technology Transfer Office



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