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(57) Abstract :

The proposed invention relates to a system (100) for analyzing rodent in Morris water maze (MWM) test. The system (100) communicatively coupled to a server (110) and mobile computing devices 126, the server stores all the information, outputs and evaluations of the MWM test. The user instructs the system to operate from remote location by the mobile computing device, such as for filling of the water, controlling heating of the water, and cleaning water from a housing (102). The rodents are placed in a maze detachably coupled in the housing (102), and multiple rodents are tracked, using image analysis the path and distance covered by each of the rodent is evaluated.

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