

Equipment



Barnes Maze

Used in assays of:

Memory Formation and Retention

The rodent behavior facility is home to one rat Barnes maze and one mouse sized Barnes maze. The maze features twenty identical holes equally spaced around the periphery of the table. A darkened escape box is located beneath one hole. When introduced into the center of the table, the subject navigates to the hidden chamber using spatial cues. The latency to enter the goal box is used as a measure of memory formation and/or retention. Quantitative assessments of maze performance are conducted using Nodus Ethovision automated tracking and video analysis.