July 19, 2011

Moshe Pritsker, Ph.D.
Editor-in-Chief
Journal of Visual Experimentation

Dear Dr. Pritsker,

Please find attached a manuscript and accompanying video entitled "Progressive ratio responding for palatable high-fat and high-sugar food in mice" which we are submitting to the *Journal of Visual Experimental (JoVE)* for review. JoVE has had a significant impact in bringing numerous protocols to the attention of the neuroscience community and thus we believe that our video protocol will be of great interest to your audience. This paper and video describes a protocol of particular relevance for studies of appetite and obesity: a progressive ratio operant paradigm for measuring the rewarding effects of food in mice. Although progressive ratio tasks have been more commonly used to assess the rewarding effects of food in rats, they are much less implemented in mouse studies. With growing interest in the contribution of food reward to the development of overweight and obesity and increased use of obese and genetically-engineered mouse models, a protocol detailing the procedures used to test the rewarding effects of high-fat food in mice is of particular value to neuroscience, metabolic and biomedical investigators.

We are submitting a video protocol that was made in-house. Several of the transitions between video and audio clips and slides are abrupt and have unwanted blips, however, before making further corrections and adjustments we would first like to gauge interest from JoVE editors. If substantial changes are recommended we appreciate all suggestions for revision, but are also open to having the video produced by the JoVE team.
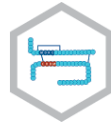
Thank you very much for your consideration.

Stephanie Fulton

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