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DEPARTMENT OF ANIMAL AND AVIAN SCIENCES

April 25, 2013

Dear Editor,

I am submitting the manuscript “Utero-tubal Embryo Transfer and Vasectomy in the Mouse Model” for consideration by Journal of Visual Experiments. I was invited to submit a protocol regarding to my previous work published in Molecular Reproduction and Development (ref. 2 in this manuscript) by the associate editor Jane Hannon.

In this manuscript we describe a protocol for transferring preimplantation mouse embryos to the uterus of a pseudopregnant recipient following an improved technique that minimizes uterine damage and embryo loss. The article also describes the anesthesia protocol used and a technique to perform vasectomy. We consider that the multimedia format of JoVE is ideal to describe these protocols, as surgical techniques are difficult to describe by the sole use of words. More importantly, despite being probably the most frequently performed surgery in the mouse model and being an essential step to generate transgenic mice, there is not any publicly available video to learn the technique.

I hope you will find our manuscript both interesting and acceptable for publication in JoVE. You can find a list of 6 possible peer reviewers on the following page.

Sincerely,

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