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(INTRAMUSCULAR PFF INJECTION PROTOCOL

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Protocol status: Working We use this protocol and it's working

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ABSTRACT

This protocol details the intramuscular PFF injection procedure.

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ATTACHMENTS

452-956.docx

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MATERIALS

PROTOCOL integer ID:

63887

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ASAP

Materials: ■ PFF: 1 mg/mL

■ Sonication: 1 Second (on/off); 120 Seconds, Amplitude – 20%

■ Dose: 5 mL/side

■ Dental Needle (27G)

■ Hamilton Syringe (x2)

Sterile Saline

Alcohol wipes

Procedure record forms

Tubing

Heating pads (x2)

Clean cages

Isoflurane and desiccator

Procedure

1 Clean the procedure hood.

2 Turn on the heating pad and cover it with a blue procedure pad.

3 Connect dental needle with tubing.

4 Fill up PBS into the tubing using a small syringe.

5 Insert the Hamilton Syringe into the tube for 2-3 mm.

6 Create air gap between saline solution and PFF solution. 7 Keep mouse inside desiccator w/ isoflurane until breath becomes long and slow. 8 Two separate people should inject each respective Bicep femoralis of the mouse simultaneously. 9 Perform injection with animal on warm pad and keep clean recovery cage on separate heating pad until animal recovers. 10 Wipe needle with alcohol wipes between sample draw/mouse injection.