

Experiment One: Can LMMS suppress adiposity in the normal mouse?

Male C57BL/6J; n=20 in each group.
LMMS began at 7w of age. Scanned at 12w (19w of age).
LMMS Duration: 15w (22w of age).

Experiment Two: Can LMMS suppress the differentiation of MSCs into adipocytes?

Male C57BL/6J; n=8 in each group. LMMS began at 9w of age.
LMMS Duration: 6w (15w of age).

Experiment Three: Can LMMS suppress adiposity in an animal model that recapitulates age-related changes in body composition?

Female C3H.B6-6T; n=8 in each group. LMMS began at 7w of age.
LMMS Duration: 9w (16w of age).

In vivo scans performed at twelve weeks

In vivo scans performed at nine weeks

0 2 4 6 8 10 12 14 16

Weeks of LMMS