

Ob / ob mouse

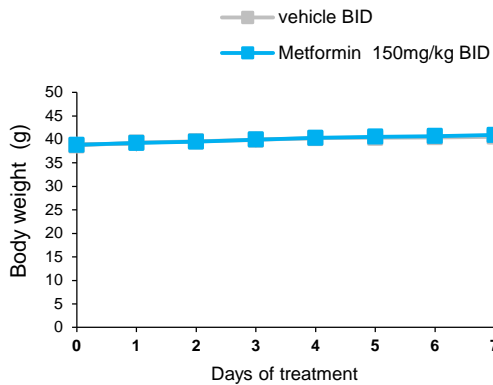
A leptin-deficient mouse model for type 2 diabetes, obesity

ANIMAL MODEL

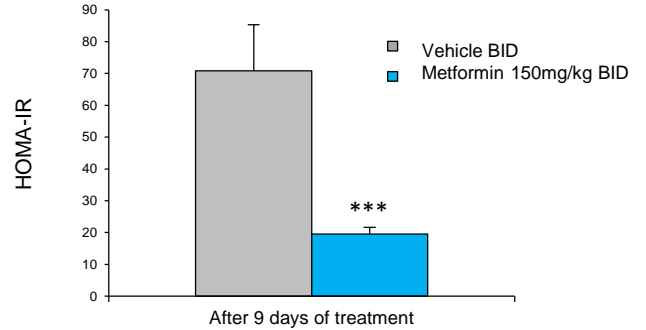
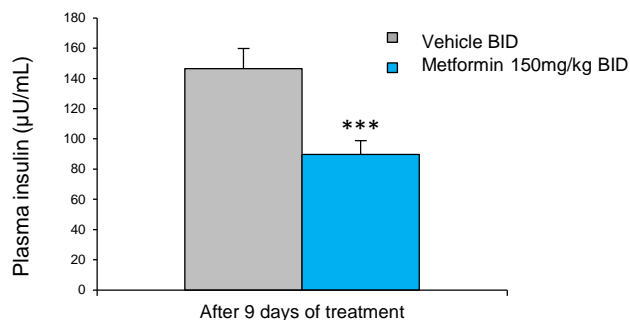
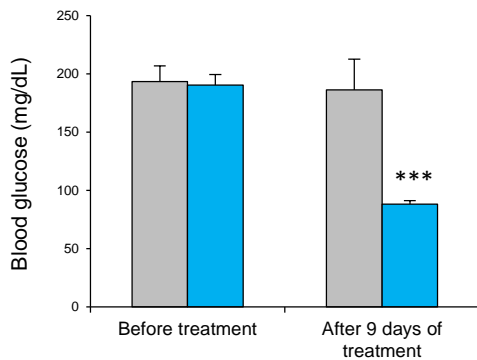
- Background strain: Ob / ob mouse
- Positive reference compounds: metformin, other on request

PHARMACOLOGICAL VALIDATION

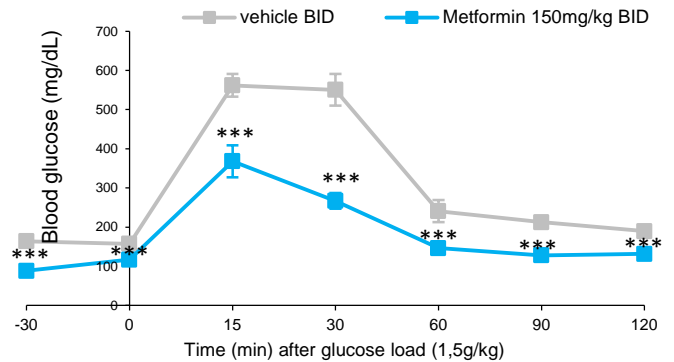
Body weight follow-up during treatment (ob/ob mice (8-w old))



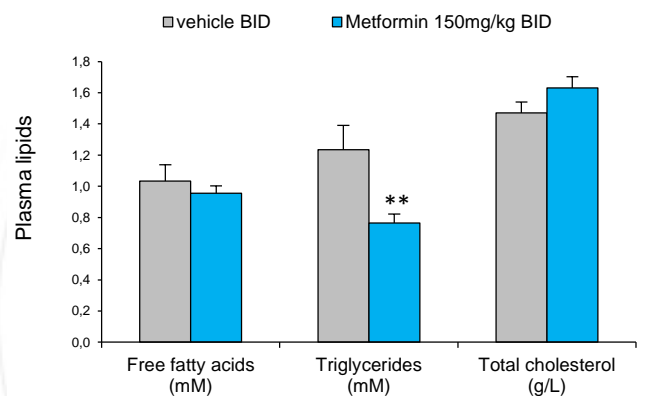
Effect of metformin on blood glucose, insulin and HOMA-IR index



Effect of metformin on oral glucose tolerance test



Effect of metformin on plasma lipids



*p<0.05, **p<0.01, ***p<0.001 vs. vehicle