

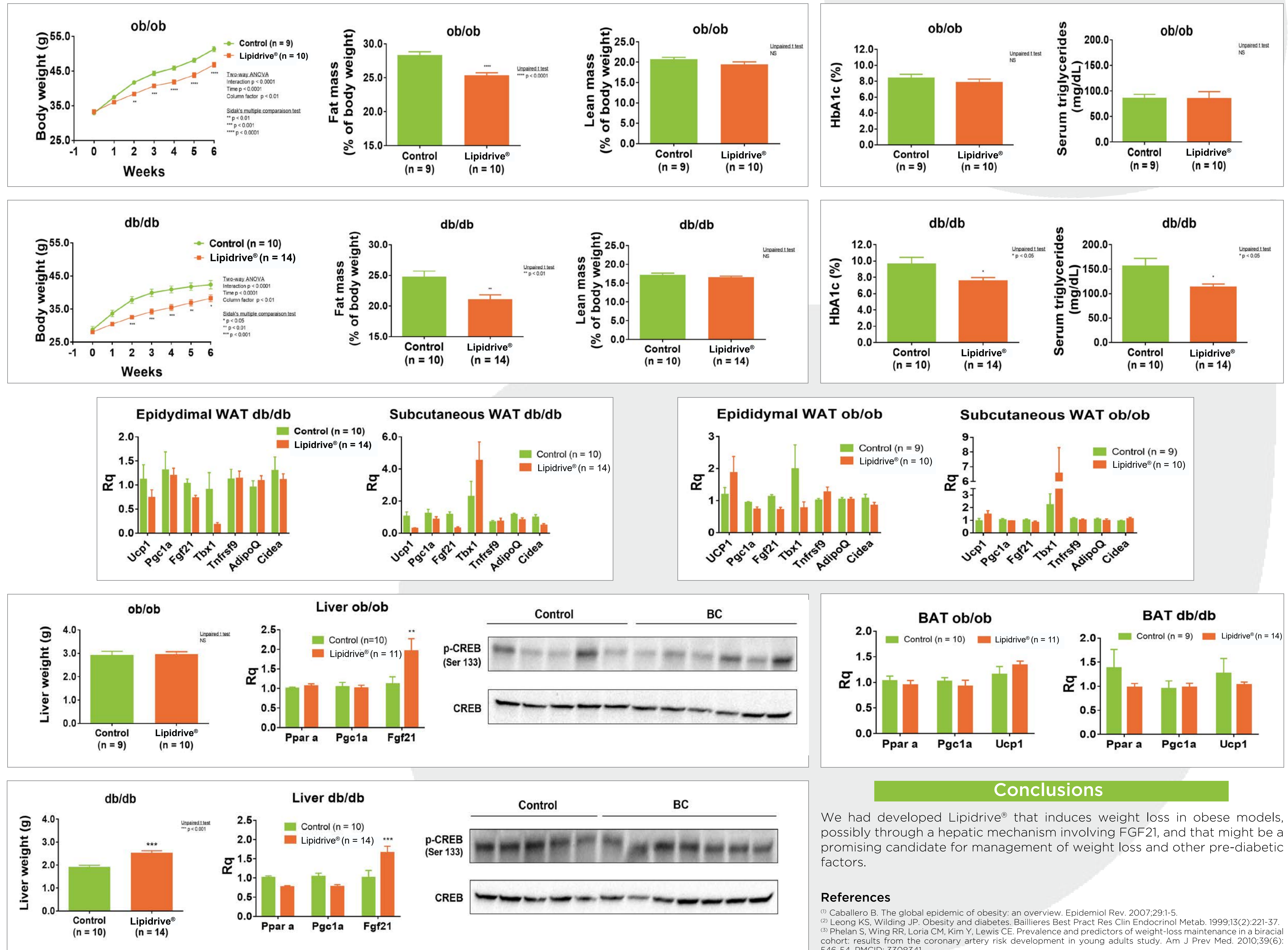
NEW BOTANICAL COMPLEX AMELIORATES OBESITY IN db/db AND ob/ob mice

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Background and Methods

Obesity has been recognized as global epidemic and has serious health consequences, often linked to metabolic syndrome, insulin resistance and type 2 diabetes^(1,2). One of the main approaches to correct this situation is weight loss induced by exercise and diet. However, that weight loss is difficult to maintain in the long-term⁽³⁾. We had developed a new botanical complex (Lipidrive®) that aims to reduce fat mass and prevent negative obesity outcomes. We tested Lipidrive® in two mouse models of obesity and type 2 diabetes (ob/ob and db/db mice). Six-week-old ob/ob and db/db male mice were fed with Lipidrive®-supplemented diet (2.7% of diet) for 6 weeks.



Conclusions

We had developed Lipidrive® that induces weight loss in obese models, possibly through a hepatic mechanism involving FGF21, and that might be a promising candidate for management of weight loss and other pre-diabetic factors.

References

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