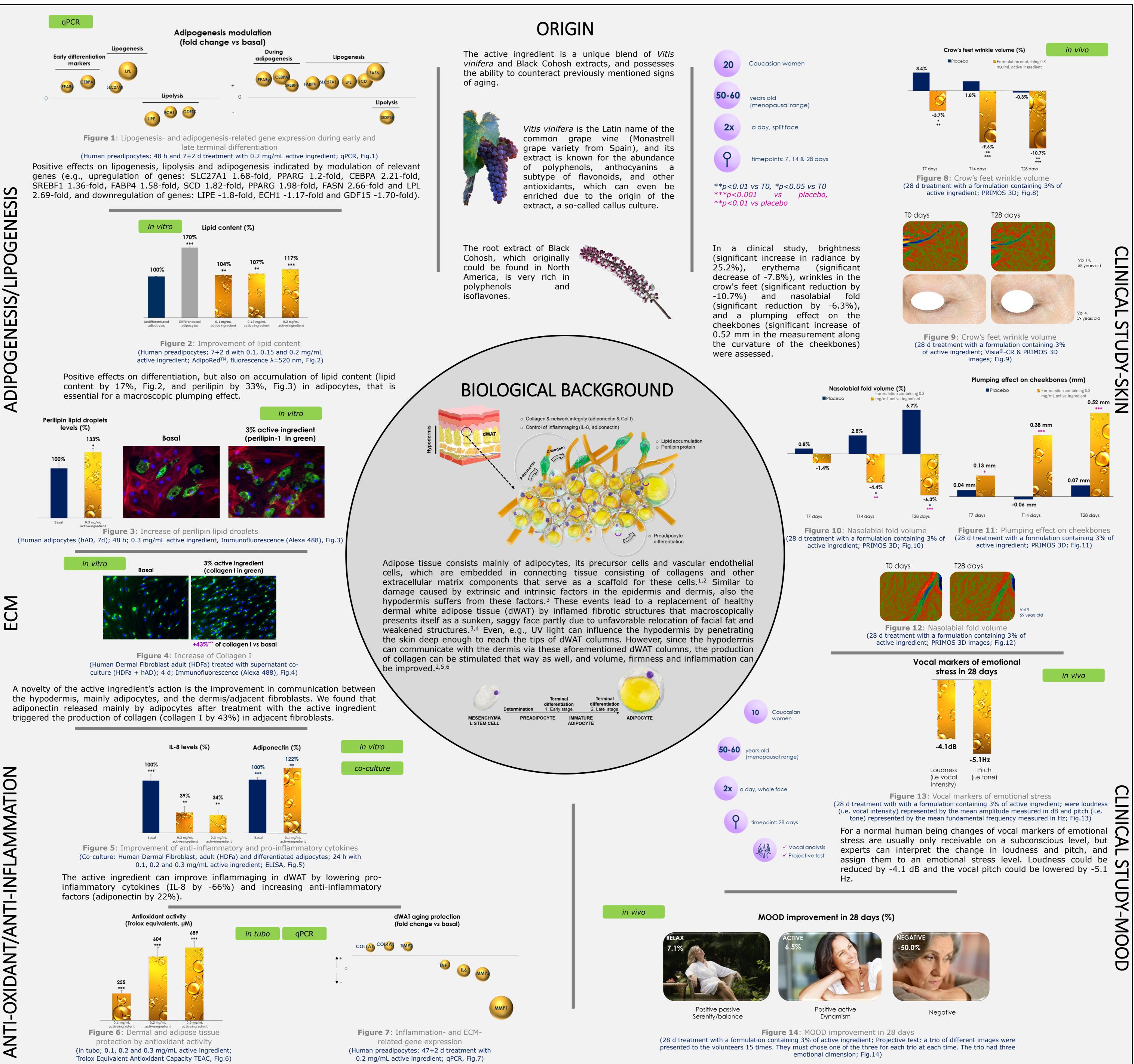


LIPOTR PLUMPING THE HYPODERMIS – ID 113 science & biotechnologi A NEW APPROACH TO JOYFULLY EMBRACE YOURSELF

Klein, Marco Jan¹; Ferreira Melo, Elaine¹; Carulla, Patricia¹; Grau-Campistany, Ariadna¹; Pastor, Silvia¹ ¹Lipotrue, Carrer Imaginació 12, Pol. Ind. Les Marines, Barcelona (Gavà)



ADIPOGENESIS/LIPOGENESI

Positive effects on inflammation- and ECM-related gene expression

(e.g., upregulation of genes: COL1A1 1.23-fold, COL4A1 1.47-fold,

TIMP2 1.42-fold, and downregulation of genes: IL6 -1.56-fold, MMP1

A projective test revealed that balance (positive passive) could be improved by 7.1%, dynamism (positive active) by 6.5%, and negative emotions could be decreased by 50%. Improvement in skin appearance seems to have a satisfying emotional effect on the consumer, which can be evaluated by the parameters measured.

Conclusion

The active ingredient induces adipogenesis, lipid accumulation and prevents the adipose tissue aging by modulating its inflammation and increasing the collagen I content in the hypodermis due to the communication between

adipocytes and fibroblasts. The active is able to reduce crow's feet and nasolabial wrinkles as a plumper ingredient, soothes erythema and brings radiance to the skin. Also, it increases the positive mood and decreases the

vocal markers of stress. These results underline the long-term potential of our product enhancing the mood of people in addition to its general anti-aging benefits.

-8.68-fold, MMP3 -2.57-fold and TNFa -1.19-fold)

References

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Due to its high antioxidant molecule content, the

antioxidant activity of the active ingredient (689 µM

Trolox equivalents) could be confirmed as expected.

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