Effect of short fast-refeeding and light program on rabbit doe reproduction

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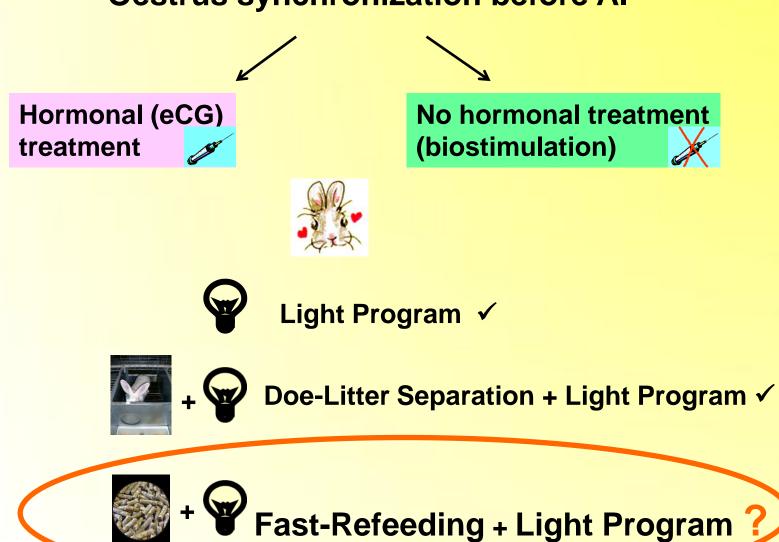


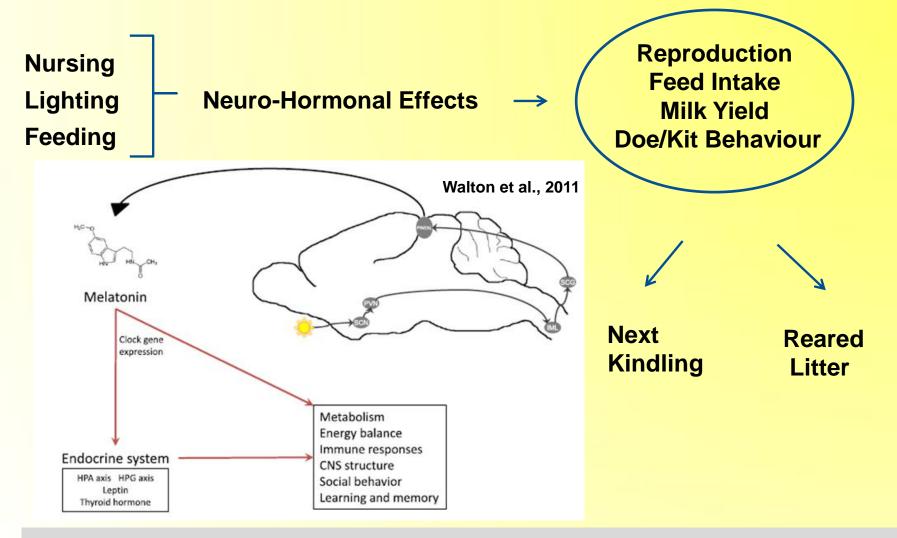
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Kartal, Hungary



Oestrus synchronization before Al



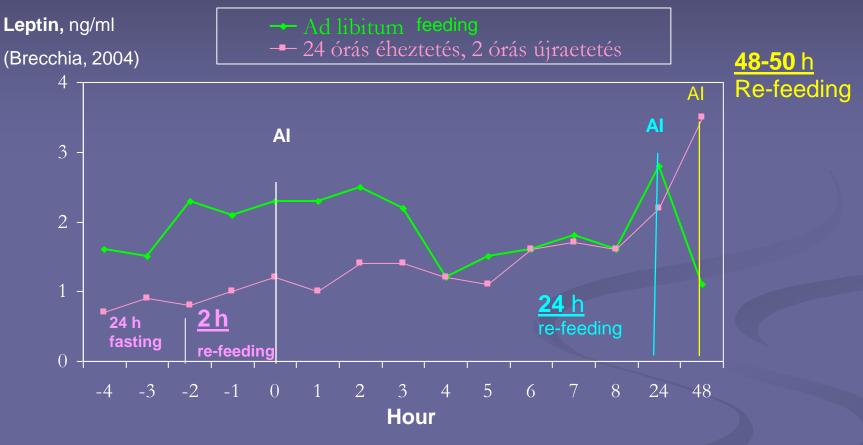


Light Program: Increased Duration and Intensity of LED Lighting before Al

Aim: Fast-Refeeding plus Light Program as Biostimulation?

TIMING of FASTING

Leptin and Reproduction



Brecchia (2004)

Nursing: free

Fertility:

43% < 59%

6.6 < 7.7

Kits born alive:

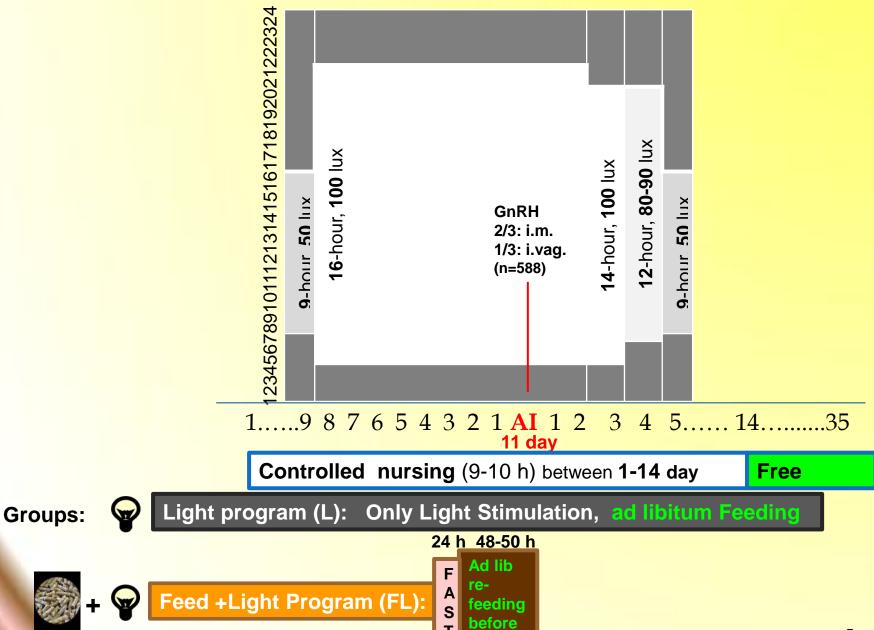
Bonanno (2004)

free 59% > 53% 8.8 > 7.9

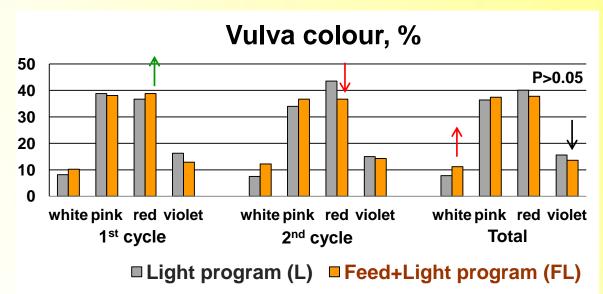
Eiben (2008, 2013)

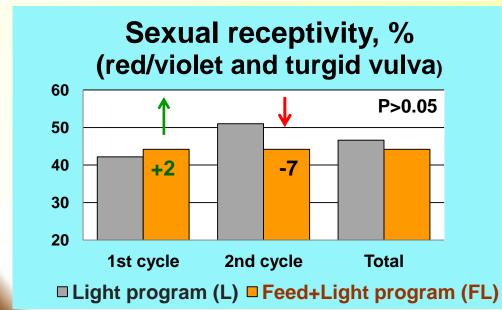
restricted free 82% > 74% 9.8 > 9.5 6.8 < 7.9 4

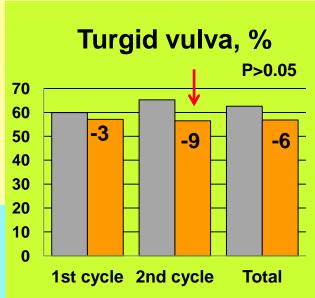
Light Program: Increased Duration and Intensity of LED Lighting before Al

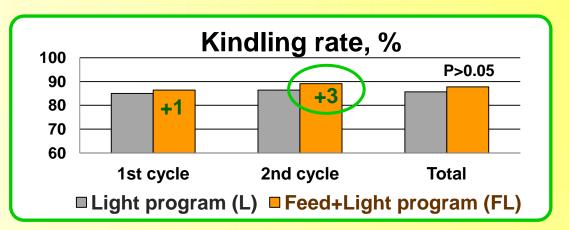


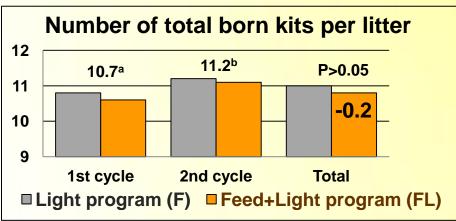
Sexual Receptivity

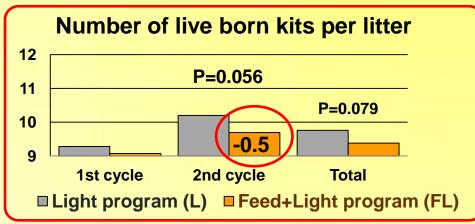


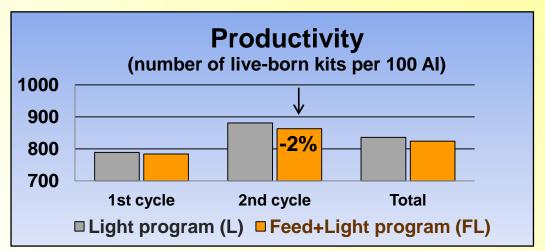












Conclusions

The productivity of light-stimulated rabbits cannot be further increased with fast-refeeding combined with light stimulation.

Thank you for your attention!

