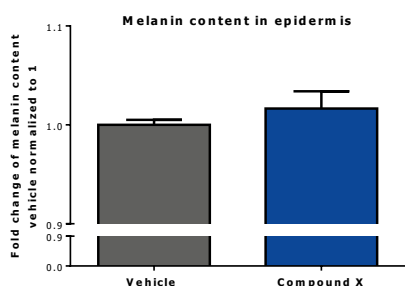


Investigating the effect of a test compound on skin pigmentation

Study example: Compound X stimulates pigmentation in the skin

1. Compound X stimulates melanin production



Data from one experiment. Mean±SEM



Warthin Starry



Warthin Starry

Warthin Starry: Histochemical staining revealing melanin content

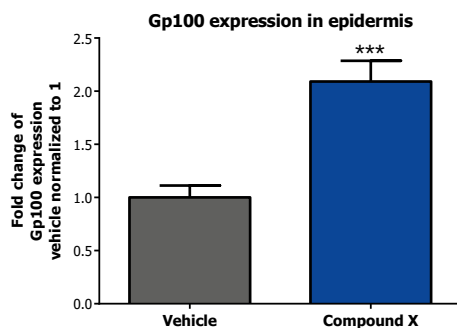
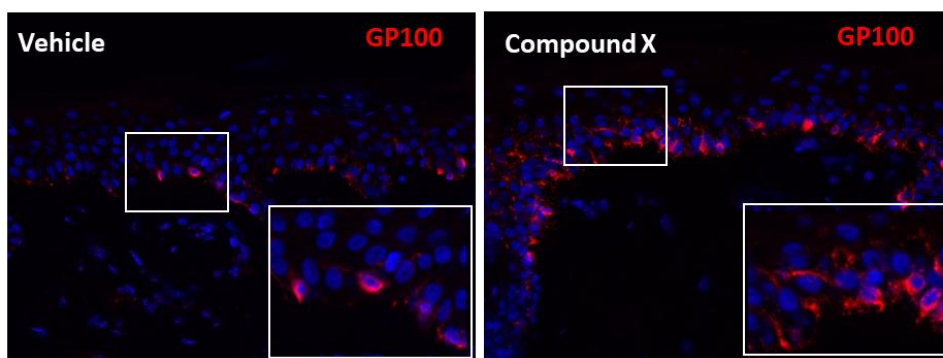
Our selected publications on the topic:

Hardmann et al., J Invest Dermatol 2015; Samuelov et al., J Invest Dermatol 2013; Gaspar et al., J Invest Dermatol 2011; Florei et al., Pigment Cell Melanoma Res 2011.

Experts on Skin Pigmentation

working with us:
Desmond Tobin, Gill Westgate, Marta Bertolini, Mauro Picardo, Natasha Botchkareva, Ralf Paus,...

2. Compound X promotes the formation of new melanosomes



Data from one experiment. Mean±SEM. ***P<0.05

Gp100
immunofluorescence revealing melanosomes, the melanin-producing organelle

Read-outs:

Skin Pigmentation, Skin Lightening, Melanocyte Maturation, Melanin Transfer, Activation of Melanogenesis, ...

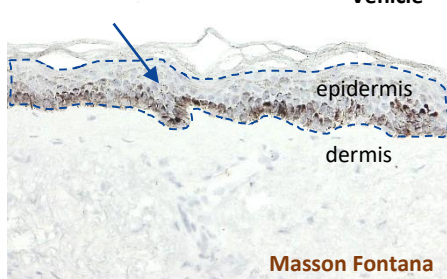


Our **method**: *Ex vivo* organ culture of full-thickness human skin (Lu et al., Exp Dermatol 2007)

Study example: Compound Y exerts skin lightening effects

area of evaluation

Vehicle



Masson Fontana

Compound X



Masson Fontana

Masson Fontana:
Histochemical staining revealing melanin content

Contact us for a customized study:

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