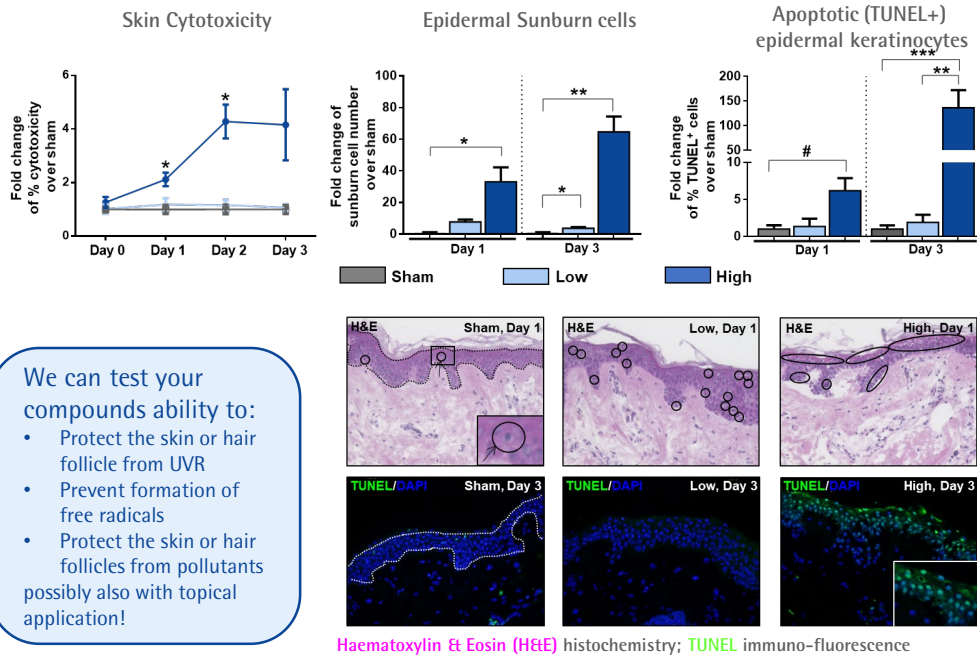


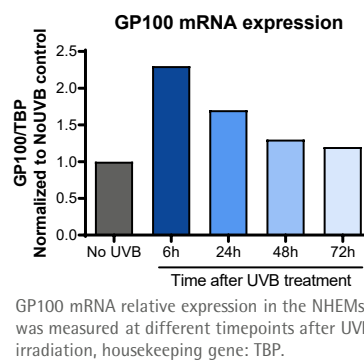
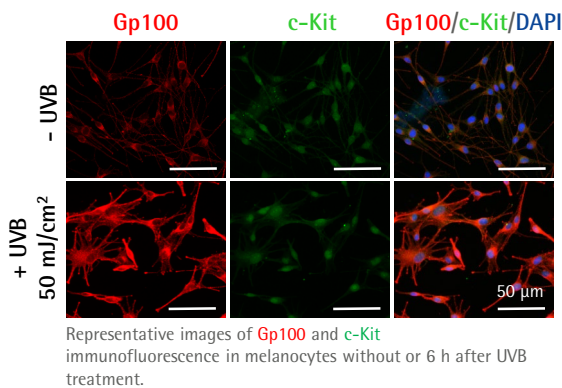
Investigating the effect of UV irradiation on skin

Study example: UVR exerts skin cytotoxicity and epidermal damage *ex vivo*

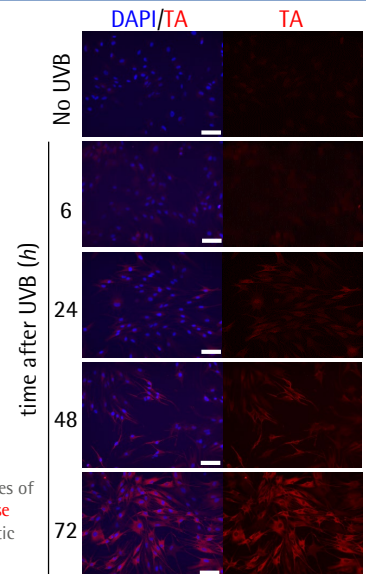


Study example: UVR stimulates melanogenesis *in vitro*

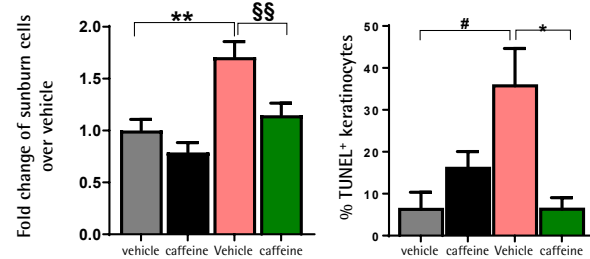
UVB treatment of melanocytes increased the expression of the melanogenesis associated marker GP100 and the level of tyrosinase



Representative images of the level of **tyrosinase** detected by enzymatic activity assay.

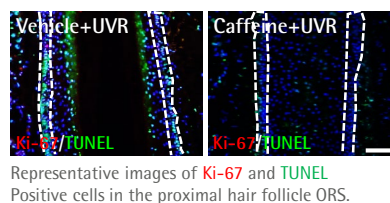


Study example: Caffeine protects cells from UV damage *ex vivo*



Number of sunburn cells in the epidermis of vehicle or caffeine treated skin. Pooled data from 2 donors, mean±SEM, **p<0.01, §§p<0.01.

Number of TUNEL+ keratinocytes in distal ORS of vehicle or caffeine treated HF. Pooled data from 2 donors, mean±SEM, *p<0.05, #p<0.05.



Contact us for a customized study:

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www.monasteriumlab.com

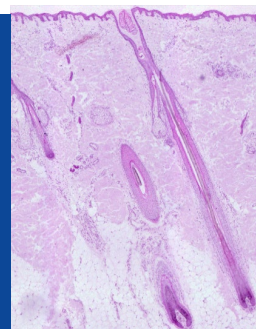


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