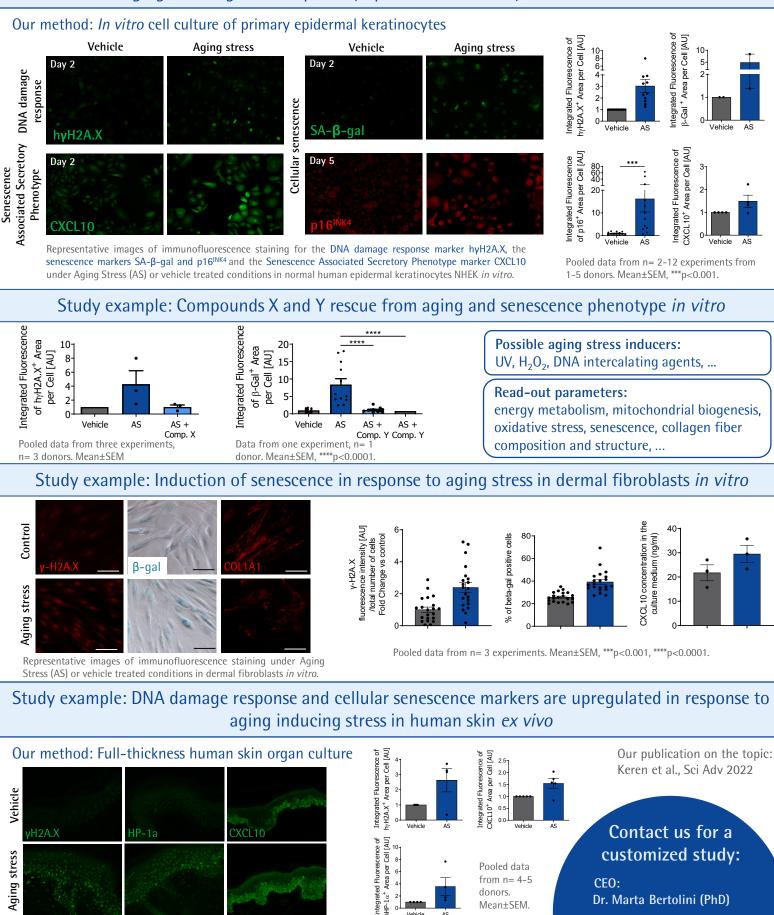
## Investigating induced skin aging and senescence

Study example: DNA damage response and cellular senescence markers are upregulated in response to aging inducing stress in primary epidermal keratinocytes (NHEK) in vitro



hHP-1 $\alpha^+$ 

CEO: Dr. Marta Bertolini (PhD) CSO: Dr. Janin Edelkamp (PhD)

from n = 4-5

Mean±SEM.

donors.

m.bertolini@monasteriumlab.com j.edelkamp@monasteriumlab.com

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Representative images of immuno-fluorescence staining for hyH2A.X, CXCL10 and HP-1a, a marker for senescence-associated

heterochromatin changes under Aging Stress (AS) or vehicle treated conditions in full-thickness human skin ex vivo.

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