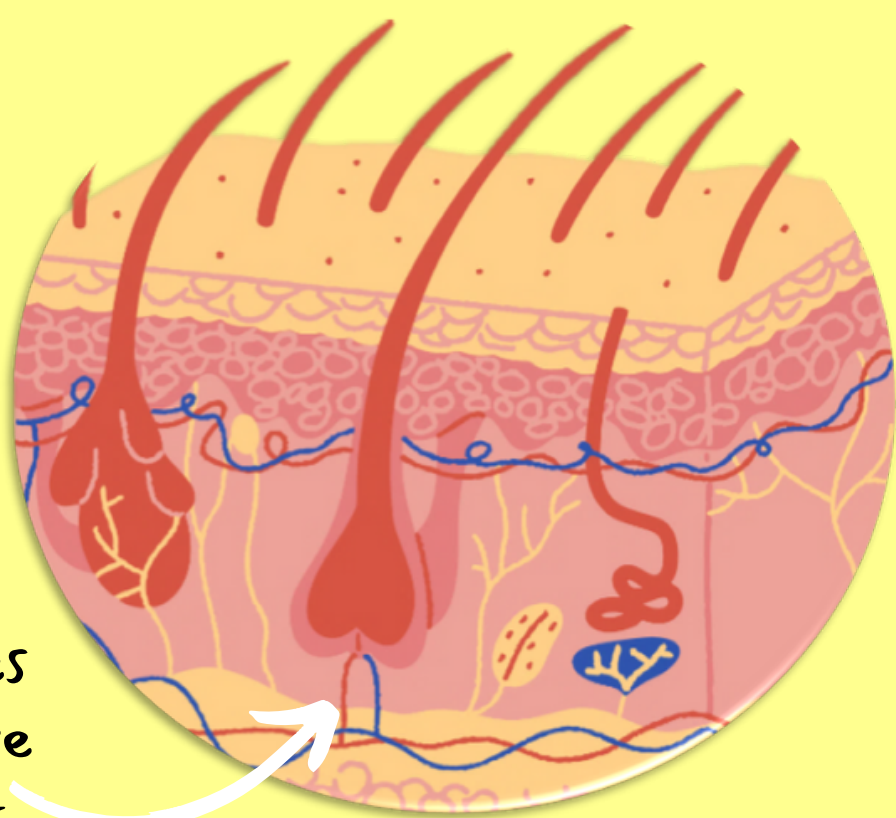


Hair hormones to assess swine welfare?

↑ hair cortisol, ↓ DHEA (dehydroepiandrosterone) & ↑ cortisol:DHEA ratio are suggested to indicate chronic stress

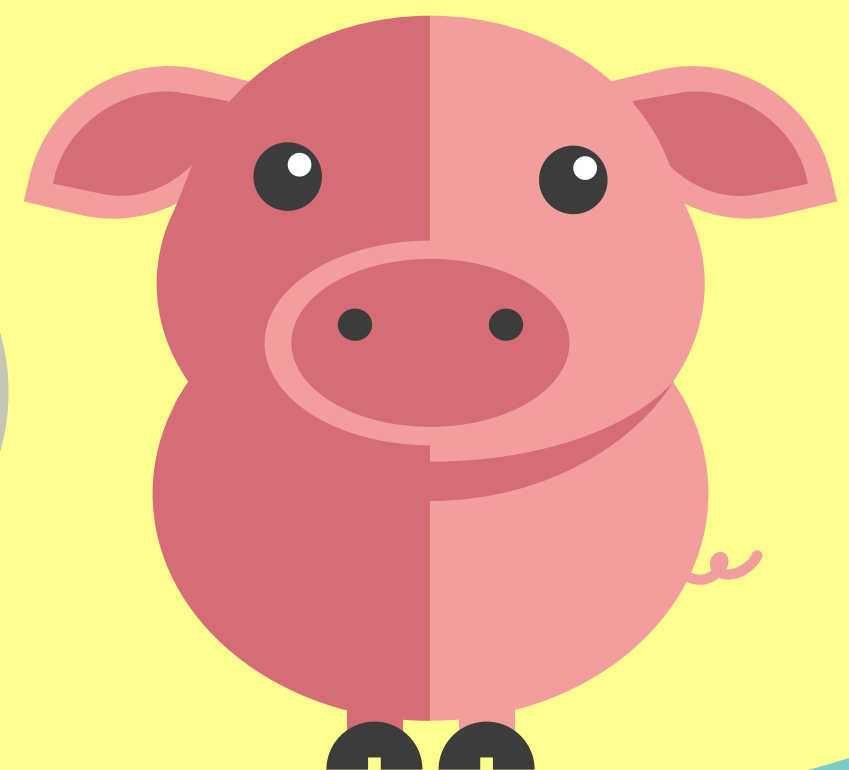


hormones integrate into hair

Pigs (n=236) received extra space, chewable enrichment and positive human contact either 1) pre-weaning, 2) post-weaning, 3) lifelong, or 4) no treatment (control).

58% higher cortisol:DHEA ratio in lame piglets.

No treatment differences.



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