

# Laser-induced thermoelastic effects can evoke tactile sensations

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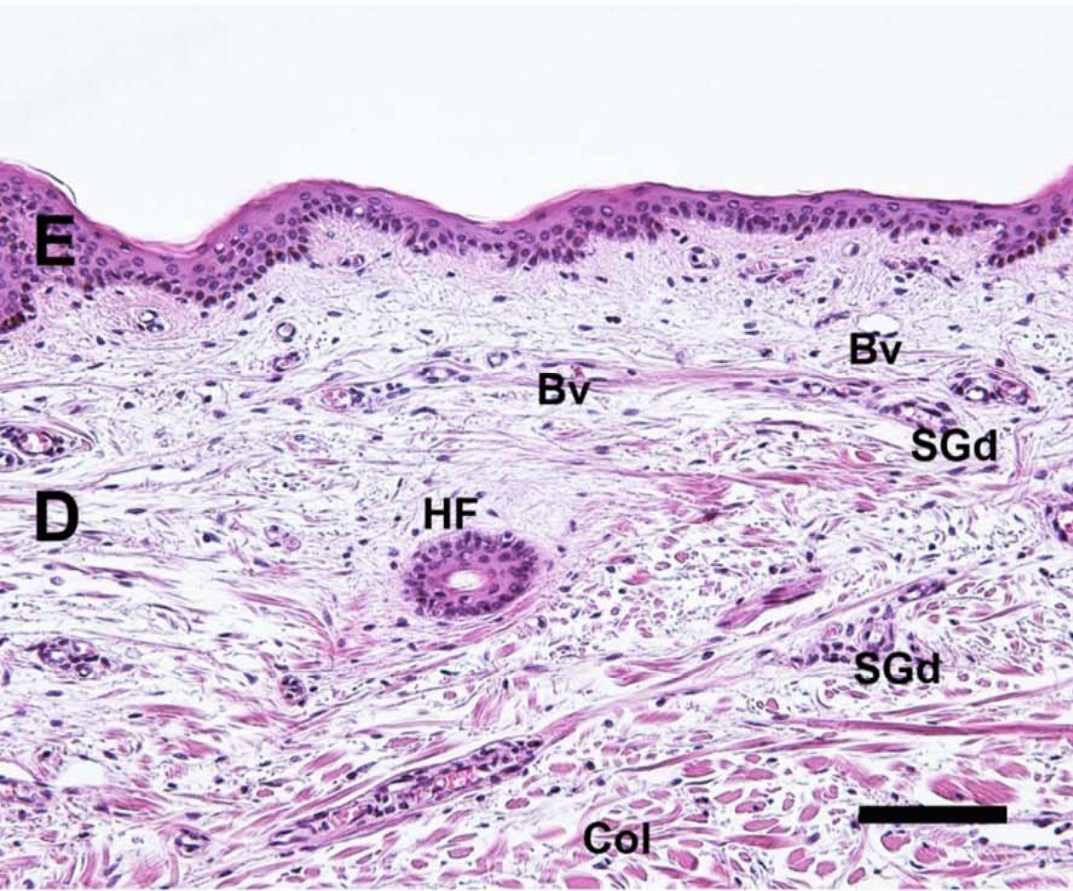
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# CON



E : epidermis , D : dermis

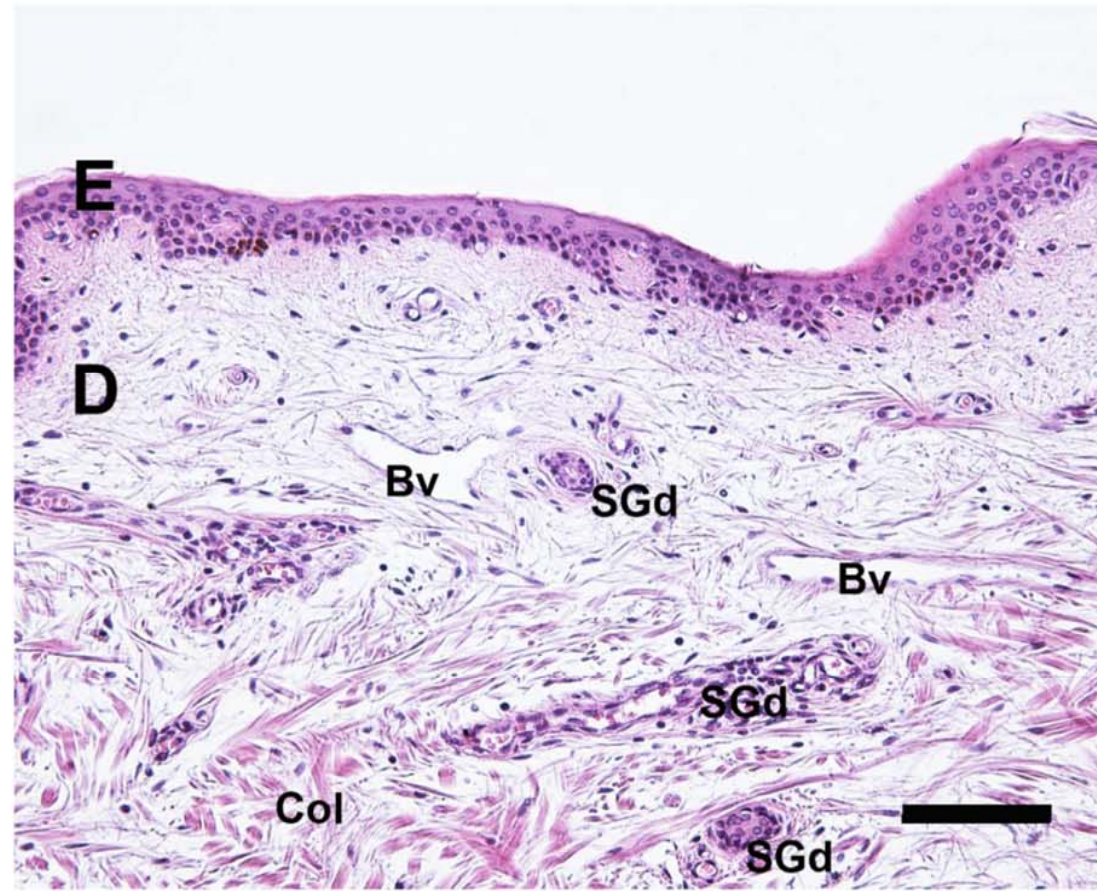
HF : hair follicle, Bv : blood vessel

SGd : ducts of sweat gland

Col : bundles of collagen fibers

Scale bar : 100  $\mu$ m

# Laser irradiation



E : epidermis , D : dermis

Bv : blood vessel

SGd : ducts of sweat gland

Col : bundles of collagen fibers

Scale bar : 100  $\mu$ m

**Supplementary Figure 1.** Examples of histological sections of control (left) and laser-irradiated (right) human cadaver skins. The results indicate that the laser-irradiation did not damage the skin. For histological examination, control and the laser-irradiated skins were treated in routine procedures of the histological examination and were embedded in paraffins. Paraffin-embedded specimens were sectioned at a thickness of 5  $\mu\text{m}$  and were stained by the hematoxylin and eosin (H & E) staining method. All of the stained sections were photographed using a 2048x1536-pixel digital CCD camera (DP70, Olympus, Tokyo, Japan).