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**COVER:** Skin from *APOC1<sup>+/+</sup>* mice lacks sebum production as a result of atrophic sebaceous glands. This figure shows a hematoxylin-phloxine-saffron staining of the skin from *APOC1<sup>+/+</sup>* mice (bottom) transplanted with skin from wild-type mice (top). Note the different appearance of the sebaceous glands: light pink color surrounding the dark-pink circles in wild-type skin (top) is absent in *APOC1<sup>+/+</sup>* skin (bottom). We revealed the mechanism behind the phenotype of the *APOC1<sup>+/+</sup>* skin: apoCI-FFA binding in plasma decreases FFA availability as a substrate for sebum production. (See Westerterp et al., p. 1353.)

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