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Cover

Lonicerin (LCR), a bioactive compound found in plants of the *Lonicera japonica* species, exhibits anti-inflammatory and antioxidant activities. However, the effect of LCR on wound healing under diabetes and the specific mechanism of LCR's effect has not been covered. In this study, we discovered for the first time that LCR has a potent ability to promote cell autophagy and identified the upstream regulatory protein Sirt1 as a potential target for LCR. Additionally, our results indicate that LCR can promote angiogenesis, cell migration, and anti-apoptosis, which may have implications for other research areas such as skin flap survival, cerebral ischemia and reperfusion, and intestinal epithelial injury healing. See the article in pages 815–830.

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