

Suppression of keloid fibroblast

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Editor, I read the recent publication on production of extracellular matrix (ECM) in the keloid fibroblast (KF) cells with a great interest [1]. Hsu et al. [1] concluded that “excessive production of ECM in the KF cells could be blocked and/or rapidly decreased by curcumin.” Indeed, the used of curcuminoids from local plants has been mentioned as an ethnopharmacological agent for years. Phan et al. [3] presented the efficacy of using several compounds including curcumin for reduction of scar. However, in this report, curcumin was inferior to quercetin [3]. For implication of using curcumin in keloid treatment, the in vivo biological process that might deform the curcumin and reduce the therapeutic efficacy should be kept in mind. In addition, the contact dermatitis to curcumin can also be seen in medical practice [2].

References

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