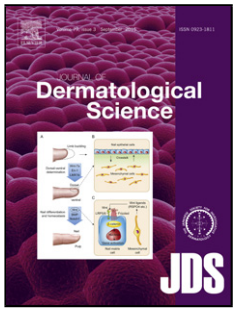

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HMGB1/RAGE axis promotes autophagy and protects keratinocytes from ultraviolet radiation-induced cell death

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Highlights

- HMGB1 was transferred from nucleus to cytoplasm after UV irradiation in keratinocyte.
- HMGB1 Knockdown by shRNA limited UV-induced autophagy and led to apoptosis of HaCaT.
- *Autocrine HMGB1 modulated HaCaT autophagy via a RAGE/HMGB1/ Erk1/2-dependent pathway.