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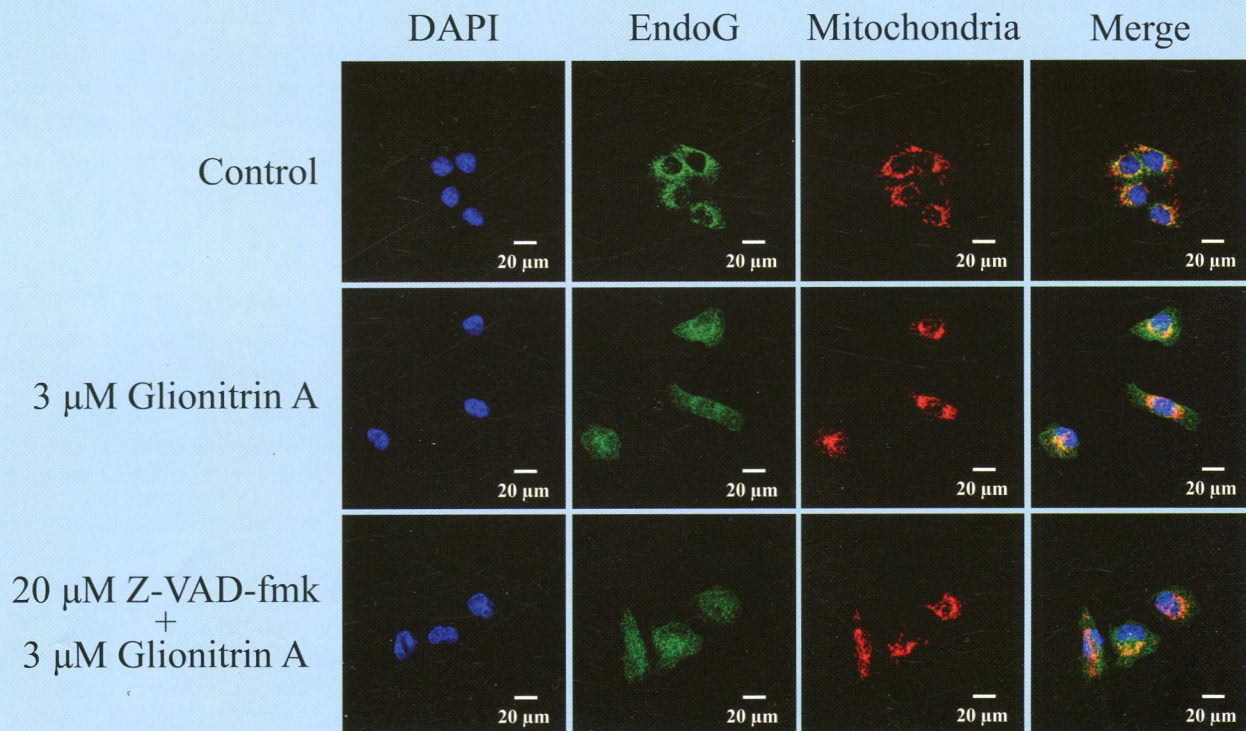
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Cover Figure Glionitrin A, an Apoptosis-Inducing Antitumor Agent

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Highlighted Paper • Mechanisms Underlying DHA-Induced Aortic Relaxation
(Kyosuke Sato *et al.*) pp. 394–403



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About the cover: Glionitrin A, a new diketopiperazine disulfide, showed antitumor activity *in vitro* and *in vivo*. Glionitrin A induced apoptosis through both caspase-dependent and -independent pathways. Immunofluorescent imaging showed that glionitrin A induced the release of EndoG from the mitochondria into the cytosol and nucleus, with the results a significant increase in the nuclear translocation of EndoG in Western blot analysis (Fig. 5A). Z-VAD-fmk did not affect the glionitrin A-induced translocation of EndoG, confirming that this event is associated with the caspase-independent apoptosis pathway. DU-145₂ cells were pretreated with 20 μ M Z-VAD-fmk for 2h followed by exposure to 3 μ M glionitrin A for 24h, and EndoG localization was then determined by confocal microscopy. See the article by Kim *et al.* on page 378 of this issue.

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