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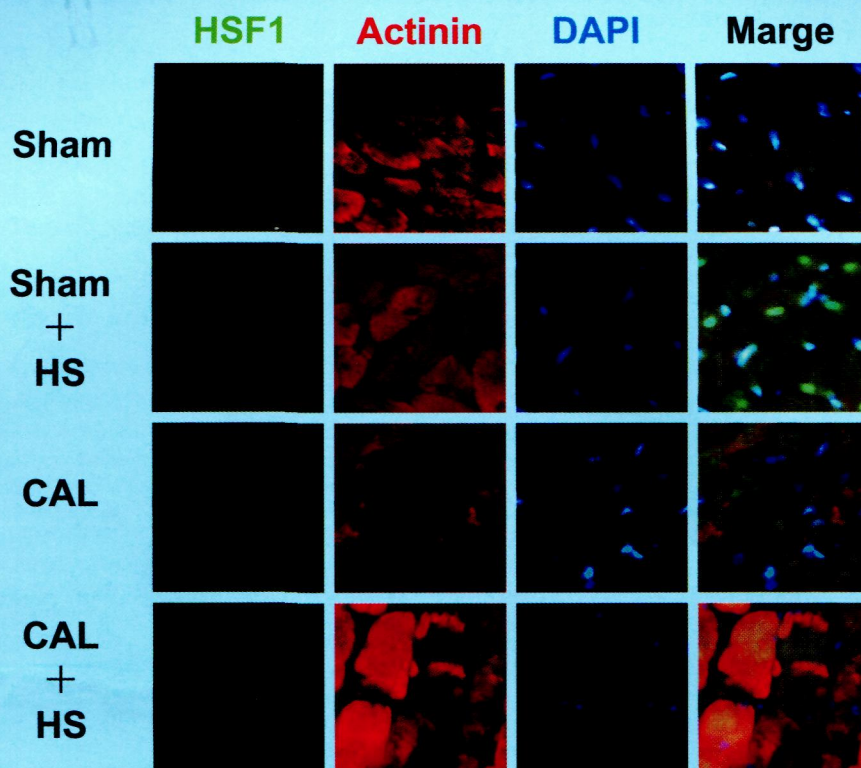
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Cover Figure Heat-Shock Factor-1 in the Failing Heart

pp. 1332-1340

Highlighted Paper • Heat-Shock Factor-1 in the Failing Heart
(Tetsuro Marunouchi *et al.*) pp. 1332-1340

Current Topics Recent Advances in the Study of Itching



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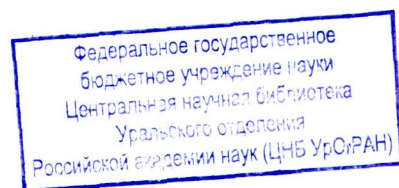
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About the cover: Immunohistochemical changes in the subcellular localization of heat-shock factor-1 (HSF1) in the failing rat heart after an exposure to heat shock (HS) are shown. Obvious transfer of HSF1 (green fluorescence) from the cytosol into the nucleus (blue fluorescence) in the α -actinin-positive cells (cardiomyocytes; red fluorescence) was seen in the sham-operated rat heart after an exposure to HS. However, the increased fluorescence of nuclear HSF1 after exposure to HS was not seen in the failing heart. HSF1 translocation from the cytosol into the nucleus was attenuated after an exposure to hyperthermia, leading to the reduction in HSP72 induction ability in the failing heart. See the article by Marunouchi *et al.* on page 1332 of this issue.

* *Highlighted Paper selected by Editor-in-Chief*

The selection is based upon originality, scientific contributions, methodological pertinence, and composition.