

Chemically induced thermotolerance and synthesis of heat shock proteins – Chemicznie indukowana termotolerancja i synteza białek szoku termicznego

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The phenomenon of thermotolerance and synthesis of heat shock proteins induced by several chemical agents are reviewed. Special attention has being paid to the comparison of the effects induced by chemical agents and hyperthermia. Although the molecular mechanism of thermotolerance development is still unknown, the studies of the heat shock response to chemical agents may be helpful to better understanding of these processes.