

RESVERATROL AS A BENEFACTOR IN PROPHYLAXIS OF CARDIOVASCULAR DISEASES

Summary

This is an overview of the currently available evidence of antioxidant and antiplatelet properties of resveratrol, a natural phenolic compound present at high concentrations in grapes and red wine. It presents the effects of resveratrol on biochemical processes (ei-

cosanoid synthesis and polyphosphoinositide metabolism) in blood platelets, its interactions with lipid membranes, and the mechanisms involved in its action on blood platelets, the cells which play an important role in pathogenesis of cardiovascular diseases.