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Placental Extracts

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Abstract

It has been well known the placental extracts have extensive physiological effects on the skin, but analytical studies have not yet established the relationship between the components in the placental extracts and its functions.

The skin contains some hydrophilic substances which enhance the ability of the skin to hold water. Pyrrolidone carboxylic acid (PCA) sodium salt in so-called natural moisturizing factor (NMF) is extremely hygroscopic and seems to be useful as humectant on the skin. How the placental extracts contain unknown substances with PCA-like function should have been tried to study.

The possibility of the effects on the skin by the enzymes and NMF in the placental extracts was described above. It should be necessary for making clear the effects of the placental extracts to carry out the basic and multiple study of its individual component.