Sestrin was treated as the control group, fed a basic diet. After 36 weeks, we

**RESULTS**

The results showed that treatment with Berberine significantly reduced blood lipid. Berberine has the effect of anti-proliferation and anti-inflammatory stimulation with interferon-gamma or anti-inflammatory activity. Concentrations of TNF-α and CCL18 in the culture medium were determined by ELISA on day 1 or 6 after cell isolation, respectively.

**RESULTS**

The results showed that aimed CVB3VP1 fragment were conjugated with plasmid pcDNA3; results of neutralization tests indicate that pathological changes of Hela cells was different which were infected by different types of viruses.

**CONCLUSIONS**

Coxsackievirus B3 gene vaccine plays a protective role in infection of CVB1, CVB3, CBV3m and CVB5; furthermore the protection is different in infection of CVB1, CVB3, CVB3m and CVB5.

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Monocyte activation in atherosclerosis

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**OBJECTIVES**

Monocyte recruitment in arterial wall is an early event in atherogenesis. The classically activated macrophages (M1 subpopulation) and alternative-activated macrophage (M2 subpopulation) can arise from monocytes and macrophages. To identify individual profiles of cell activation, monocytes were isolated from whole blood using magnetic CD14-positive separation. Functional analysis of monocyte activation, monocytes were isolated from whole blood using magnetic CD14-positive separation. Functional analysis of monocyte activation, monocytes were isolated from whole blood using magnetic CD14-positive separation. Functional analysis of monocyte activation, monocytes were isolated from whole blood using magnetic CD14-positive separation. Functional analysis of monocyte activation, monocytes were isolated from whole blood using magnetic CD14-positive separation. Functional analysis of monocyte activation, monocytes were isolated from whole blood using magnetic CD14-positive separation. Functional analysis of monocyte activation, monocytes were isolated from whole blood using magnetic CD14-positive separation. Functional analysis of monocyte activation, monocytes were isolated from whole blood using magnetic CD14-positive separation. Functional analysis of monocyte activation, monocytes were isolated from whole blood using magnetic CD14-positive separation. Functional analysis of monocyte activation, monocytes were isolated from whole blood using magnetic CD14-positive separation. Functional analysis of monocyte activation, monocytes were isolated from whole blood using magnetic CD14-positive separation. Functional analysis of monocyte activation, monocytes were isolated from whole blood using magnetic CD14-positive separation. Functional analysis of monocyte activation, monocytes were isolated from whole blood using magnetic CD14-positive separation. Functional analysis of monocyte activation, monocytes were isolated from whole blood using magnetic CD14-positive separation. Functional analysis of monocyte activation, monocytes were isolated from whole blood using magnetic CD14-positive separation. Functional analysis of monocyte activation, monocytes were isolated from whole blood using magnetic CD14-positive separation. Functional analysis of monocyte activation, monocytes were isolated from whole blood using magnetic CD14-positive separation.