

### **3. OBJECTIVES**

This work was focused on the function of fortilin/TCTP on the cell death. The experiments were carried on by using the mammalian cell culture, U2OS, as the test system for the functional analysis. The objectives of this study are:

1. To evaluate the role of Human-fortilin/TCTP and Pm-fortilin/TCTP in anti-apoptotic pathway in U2OS.
2. To evaluate the role of Human-fortilin/TCTP and MCL1 in anti-apoptotic pathway in U2OS and by using siRNA technique.