$\begin{array}{c|c} CS \rightarrow p\text{-}BSQ \rightarrow & p\text{-}BQ \\ & & \downarrow & & \\ \hline Protein \longrightarrow Oxidized \ protein \longrightarrow Apoptosis \longrightarrow Lung \ damage \end{array}$

Scheme 1 : Mechanism of CS-induced lung damage and prevention by vitamin C