Chapter 3
Aims and objective
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The radio-protective study using active components of *Moringa oleifera* leaf are based on Swiss Albino mice model.

Followings are the aims and objectives:

- **Identification of the radioprotective components of *Moringa oleifera* leaf extract**
  - *In vitro* characterization of *Moringa oleifera* leaf extract.
  - *In vivo* radioprotective study of *Moringa oleifera* leaf extract.

- To evaluate and ascertain the mechanism of active components as radioprotective agents
  - Selection and *in vitro* characterization of quercetin and epicatechin for *in vivo* radioprotective study.
  - Radioprotection study using Swiss albino male mice.