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Chronic stress induced duration dependent alterations in immune system and their reversibility in rats

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Highlights

- Corticosterone causes apoptosis of peripheral blood mononuclear cells and bone marrow haematopoietic stem cells in dose dependent manner under *in vitro* condition.
- The study first time reveals that increase in duration of stress exposure results in more severe damage in different components of immune system.
- The reversibility of stress induced damage in immune system depends on duration of stress exposure, shorter the exposure period, faster the recovery.

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