



Controlled Release Society Indian Chapter

One Day National Seminar on

**Translational Research: From Bench to Bedside**

Sunday, 17th November, 2019

# SOUVENIR & ABSTRACT BOOK

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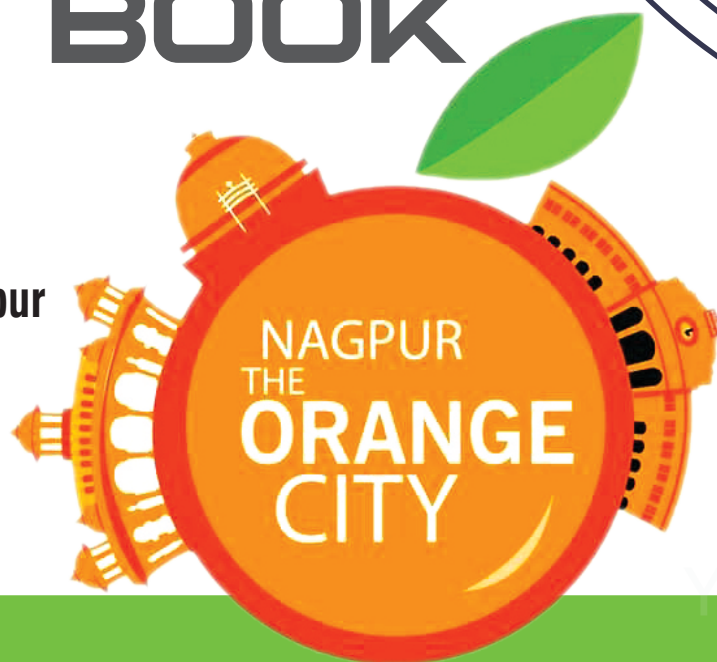
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Ramdaspath,

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## SOUVENIR

CRS IC Sponsored

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# PHYTOCHEMICAL IDENTIFICATION AND IN- VITRO STUDY OF ANTI INFLAMMATORY ACTIVITY OF ERAGROSTIS PILLOSA

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### Abstract:

**Aim:** Phytochemical identification and in-vitro anti inflammatory activity of ethanolic extract of Eragrostis pillosa. **Objective:** This study was carried out for the phytochemical identification of ethanolic extract of Eragrostis pillosa especially for the determination of anti-inflammatory activity by in vitro method. **Methodology:** Macerated ethanolic extract of Eragrostis pillosa was evaluated for the preliminary phytochemical investigations. In vitro anti inflammatory activity was evaluated using membrane stabilization method at different concentration (100 -500mg). Aspirin was used as standard drug. **Results and Discussion:** At the concentration of 400-500 µg/ml show significant inhibition. Heat induced haemolysis of erythrocyte inhibited at the conc. 400 -500 µg/ml. **Conclusion:** The present study indicates that the macerated ethanolic extract of Eragrostis pillosa can be potential anti inflammatory agent.

### Keywords

Eragrostis pillosa, anti inflammatory, heat induced haemolysis, macerated.

