Phloretin-induced Suppression of Oxidative and Nitrosative Stress Attenuates Doxorubicin-induced Cardiotoxicity in Rats

Shivani S. Wagh¹#, Kalpesh R. Patil¹#, Umesh B. Mahajan¹, Pradnya D. Bagal¹, Avinash R. Wadkar¹, Basavraj Bommanhalli², Prabhakar R. Patil³, Sameer N. Goyal⁴, Shreesh Ojha⁵, Chandragouda R. Patil¹,⁶,*

¹ Department of Pharmacology, R. C. Patel Institute of Pharmaceutical Education and Research, Shirpur- 425405, Dist. Dhule, Maharashtra, India.

² Department of Pathology, Gadag Institute of Medical Sciences, Gadag, Karnataka, India.

³ Department of Pharmacology, Navodaya Medical College, Post Box No: 26, Mantralayam Road, Navodaya Nagar, Raichur 584 103 Karnataka, India.

⁴ Shri Vile Parle Kelavani Mandal’s Institute of Pharmacy, Dhule -424001, Maharashtra, India.

⁵ Department of Pharmacology and Therapeutics, College of Medicine and Health Sciences, United Arab Emirates University, P.O. Box 17666, Al Ain, Abu Dhabi, UAE.

⁶ Department of Pharmacology, Delhi Pharmaceutical Sciences and Research University, Mehrauli-Badarpur Road, Pushp Vihar Sector-3, New Delhi -110017, India.

#Both authors have equal contribution

Corresponding Author:
Dr. Chandragouda R. Patil
Department of Pharmacology,
Delhi Pharmaceutical Sciences and Research University,
Mehrauli-Badarpur Road, Pushp Vihar Sector-3, New Delhi -110017, India.

Phone numbers: +91-9823400240
Facsimile numbers: +91-9823400240
E-mail address: xplore.remedies@gmail.com
Supplementary Figure 1. Treatment groups and study plan