

## Editorial



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Dear Readers and Authors,

I am pleased to bring you volume 8, issue 3 of Pharmacognosy Communications. In this issue we present new research examining the pharmacognosy of several important medicinal plants including the antibacterial and antifungal activity of the Asia medicinal plant *Ajuga bracteosa*. This species is used in a diverse array of Asian traditional medicine systems (including traditional Chinese medicine and Ayurveda) to treat a variety of inflammatory conditions including gout, rheumatism and amenorrhoea. It has also been used for treatment of diabetes, malaria, and cancer. We also present a pharmacognostic study on *Delonix regia*. This species has an impressive range of medicinal and biological properties including uses for the treatment of constipation, inflammation, arthritis, hemiplegia, gynecological disorders, diabetes and rheumatism. An Indonesian study examined the phytochemistry of *Myristica fragrans* mace extracts and reported good antioxidant and antibacterial activity. Furthermore, the extracts inhibited  $\alpha$ -glucosidase, indicating that they may also be useful in the treatment of diabetes. A further study examines the antioxidant properties of *Mangifera indica* leaves. We also present study which used an *in silico* docking model to highlight some phytochemicals with potential COX-2 and LOX-3 inhibitory potential. In particular, gallic acid and epicatechin were determined to be promising leads. That study then confirmed

the potential of both of these compounds using enzyme inhibition assays. Gallic acid was also the focus of another study which examined the pharmacokinetics of gallic acid following topical application of ointments containing *Chrysophyllum cainito* and *Mimusops elengi* in rats. Our regular features are also continued in this issue. The Janus Corner presents short notifications of interest to readers of Pharmacognosy Communications. I encourage all readers to get involved with this section by sending in short notifications of work that may be of interest to your fellow readers, book reviews and letters to the editor. Two more high quality medicinal plant images are also included in this issue and a listing of upcoming conferences and meetings is also included. I encourage any conference organisers who would like to publicise their event to contact me with details so they can be included in future upcoming events sections of this journal. I look forward to bringing you the next issue of Pharmacognosy Communications in 3 months' time. Keep submitting your quality research manuscripts and reviews and also consider becoming involved/submitted to the other sections (Janus Corner, Medicinal Plant Images etc.) of the journal. On behalf of the editorial board, we look forward to bringing you the next issue of Pharmacognosy Communications in 3 months' time.