

Special Issue

DNA Barcoding for Herbal Medicines

Message from the Guest Editors

Dear colleagues,

One aim of this Special Issue on DNA barcoding for herbal medicines is to capture these recent advances in the translation of academic DNA barcoding studies into industrial QC protocols and regulatory standards. We therefore invite research and review papers from industrial laboratories describing “real-life” DNA testing of raw materials and the impact this has had on quality control procedures. We are also interested in reporting the introduction of DNA standards into regulations and pharmacopoeial monographs in different parts of the world and whether there are any opportunities for standardisation of methods and reference barcode sequences. Research papers on the application of new technologies to DNA authentication will also be welcomed, from next-generation sequencing (and beyond) metabarcoding studies to the application of “in-the-field” methods, as well as methods targeting “mini-barcodes”. Conventional DNA barcoding papers that focus on practical issues in discriminating medicinal plants from known adulterants will also be accepted.

Guest Editors

Prof. Dr. Adrian Slater
Dr. Tiziana Sgamma
Dr. Caroline Howard

Deadline for manuscript submissions

closed (30 November 2021)



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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

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