



Good Practice in Traditional Chinese Medicine Research Association 中医药规范研究学会

November-December 2025 Newsletter

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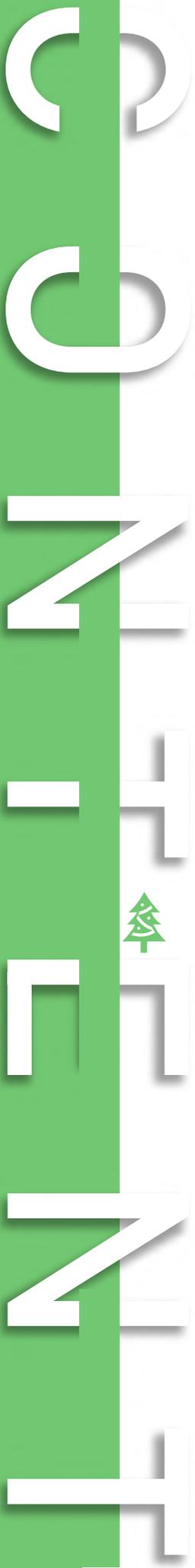
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i The 14th Annual Meeting of GP-TCM RA

The 14th Annual Meeting of GP-TCM RA will be held Nanyang Technological University, Singapore. Tentatively in July 2026 and please stay tuned and visit our website for more information and updates. <https://www.gp-tcm.org>

NANYANG TECHNOLOGICAL UNIVERSITY SINGAPORE

GP-TCM Research Association

The 14th GP-TCM RA Annual Conference

Bridging East and West: Global Collaborations in Integrative Medicine

Date	Venue
7 - 9 July 2026	Nanyang Technological University Singapore

www.gp-tcm.org



i Message from the President



The year 2025 has been a highly productive and rewarding one for the GP-TCM Research Association. Throughout the year, we have successfully advanced our mission through a series of meaningful academic and professional activities.

At the beginning of 2025, we were pleased to co-organise a joint online seminar with the Society for Medicinal Plant and Natural Product Research (GA: Gesellschaft für Arzneipflanzenforschung), entitled “TCM in Europe: Opportunities and Challenges.” This event provided a valuable platform for academic exchange and fostered constructive dialogue on the development and positioning of Traditional Chinese Medicine within the European context.

In the summer of 2025, our Annual Conference was held with great success in the breathtaking and historic surroundings of the Royal Botanic Gardens, Kew, UK. The conference brought together researchers, clinicians, and experts from diverse disciplines, facilitating vibrant discussions and strengthening international collaboration. Selected and peer-reviewed abstracts from this annual meeting were subsequently published in our official journal, the World Journal of TCM, further extending the impact of the research presented.

I would also like to acknowledge the dedicated efforts of our Newsletter Team, whose hard work continues to provide timely and valuable information to all members of our Association. In addition, a comprehensive review article entitled “International Standards and Good Practice Guidelines in Traditional, Complementary and Integrative Medicine: A Scoping Review,” prepared by members of the Board of Directors together with experts from our Society, has been submitted to a scientific journal. This work reflects our continued commitment to academic excellence and international standardisation in the field.

Dear Society members and friends, our overarching goal remains the strengthening of interdisciplinary collaboration in TCM research, ultimately enhancing the global impact and visibility of the GP-TCM Research Association. Your ongoing support, engagement, and guidance are essential to our continued success in the years ahead.

Finally, I would like to extend my warmest wishes to all of you for a Merry Christmas and a happy, healthy, and successful 2026.

 **Mei Wang**

President, GP-TCM Research Association



New members of GP-TCM RA (November-December 2025)

Ordinary Members

Moke Muindu PAPY	University of Lubumbashi, DR Congo
Marjana Kristin KOŽAR	Slovenia
Hongyan GAO	Shanghai University of Traditional Chinese Medicine, China
Yingwen CAI	Shanghai Jiaotong University, China

Student Members

Linh Chi VU	University of Liège, Belgium
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Current Corporate Members

Dalian Fusheng Natural Medicine Development Co. Ltd., China	 大连富生天然药物开发有限公司 DALIAN FUSHENG NATURAL MEDICINE DEVELOPMENT CO., LTD
Hutchison Whampoa Guangzhou Baiyunshan Chinese Medicine Co. Ltd., China	 广州白云山和记黄埔中药有限公司
Infinitus (China) Company Ltd., China	 INFINITUS 无限极
PuraPharm International (H.K.) Ltd., Hong Kong SAR, China	 PuraPharm
Shanghai Hutchison Pharmaceuticals, China	 Shanghai Hutchison Pharmaceuticals 上海和黄药业

Current Institutional Members

Chengdu University of Traditional Chinese Medicine, China	
China Medical University, Taichung, Taiwan (Department of Chinese Pharmaceutical Sciences and Chinese Medicine Resources)	
Heilongjiang University of Chinese Medicine, China	
Hong Kong Baptist University, Hong Kong SAR, China (School of Chinese Medicine)	 香港浸會大學 HONG KONG BAPTIST UNIVERSITY
Shaanxi University of Technology, China	
Shanghai University of Traditional Chinese Medicine, China	
The University of Hong Kong, Hong Kong SAR, China (Department of Pharmacology and Pharmacy, LKS Faculty of Medicine)	 HKU Med LKS Faculty of Medicine Department of Pharmacology & Pharmacy 香港大學藥理及藥劑學系
Zhejiang Chinese Medical University, China (School of Pharmaceutical Sciences)	
Zhengzhou University of Industrial Technology, China	



i NOW testing of St John's wort sold on Amazon identifies quality issues

NOW testing of St John's wort sold on Amazon identifies quality issues



By **Stephen Daniells**

06-Nov-2025 Last updated on 06-Nov-2025 at 15:40 GMT



St John's wort (*Hypericum perforatum*). (Getty Images)

In addition, there was strong evidence that many of the brands did not use fit-for-purpose testing, according to Katie Banaszewski, senior director of quality at NOW.

The Illinois-based company purchased two samples of 22 different brands on Amazon.com in August 2025. One bottle of each sample was tested in NOW's in-house lab in Illinois, and the other was tested by ISO 17025-accredited Alkemist Labs in California.

Hypericin, a key marker compound for St. John's wort (*Hypericum perforatum*), was quantified by High-Performance Liquid Chromatography (HPLC) using a validated reverse-phase method after irradiation with white light to ensure specificity. Hypericin content was expressed as the sum of hypericin and pseudo hypericin.



"An important study and reminder. Over seven years ago, we showed this (Booker et al 2018, *Phytomedicine* 40:158-164) including adulteration of the products (19%) with food dyes (tartrazine, amaranth, brilliant blue, sunset yellow) and how depressing that the situation has not improved at all," commented Prof Michael Heinrich, Professor of Ethnopharmacology and Pharmacognosy, University College London, on his LinkedIn page.

News and photo adapted from link below:

<https://www.nutraingredients.com/Article/2025/11/06/now-testing-of-st-johns-wort-sold-on-amazon-identifies-widespread-failure/>

**ii The King's Centre for Integrative Chinese Medicine Sharing****The King's Centre for Integrative Chinese Medicine**

SHARING • FUNDRAISING • COLLABORATING • INNOVATING

**“We are what we share.”**

Professor Ian Sutherland, Brunel University London, Former UK Regional Coordinator, the Consortium for Globalization of Chinese Medicine

Please see the link below for the full page:

https://www.kingscicm.org/?page_id=71

Notice of the General Office of the National Administration of Traditional Chinese Medicine (NATCM) on Issuing the Table of *Traditional Chinese Medicine Standard System (2025 Edition)*

No. 269 (2025) of General Office, Law and Supervision Letter, NATCM

Competent departments of traditional Chinese medicine of all provinces, autonomous regions, and municipalities directly under the Central Government; Health Commission of the Xinjiang Production and Construction Corps; all departments and directly affiliated institutions of the Administration; all national technical committees for standardization of TCM specialties; and the TCM Standardization Office of the Administration:

To further promote the establishment and improvement of a standard system suitable for the development of traditional Chinese medicine, advance the scientific development of standardization work, and clearly define the scarcity level, hierarchy, and priority of standards, our Administration has organized the formulation of the Table of Traditional Chinese Medicine Standard System (2025 Edition). It is hereby issued to you for guiding the formulation and revision of TCM standards.

General Office of the National Administration of Traditional Chinese Medicine

November 26, 2025

国家中医药管理局综合司关于印发《中医药标准体系表（2025年版）》的通知 国中医药综法监函〔2025〕269号

各省、自治区、直辖市中医药主管部门，新疆生产建设兵团卫生健康委，局机关各部门、直属各单位，全国中医药各专业标准化技术委员会，局中医药标准化工作办公室：

为进一步推动建立健全适合中医药发展的标准体系，促进标准化工作科学发展，清晰定位标准紧缺度、层级和优先级，我局组织制定了《中医药标准体系表（2025年版）》，现印发给你们，供指导中医药标准制修订工作。

国家中医药管理局综合司

2025年11月26日

Full notice and photo adapted from link below:
<https://mp.weixin.qq.com/s/ztmm6LUYJQARODdJDvkrfQ>



iv

Official Release of the 2024 Statistical Communique on the Development of China's Health Care Undertakings: The Total Number of TCM Medical and Health Institutions Nationwide Exceeds 100,000

Recently, the National Health Commission of the People's Republic of China issued the 2024 Statistical Communique on the Development of China's Health Care Undertakings. According to the Communique, by the end of 2024, the total number of TCM medical and health institutions nationwide reached 103,704, the total number of TCM health personnel stood at 1.159 million, and the total number of patient visits to TCM medical and health institutions hit 1.68 billion.

As indicated in the Communique, the number of TCM medical and health institutions nationwide amounted to 103,704 in 2024, an increase of 11,173 over the previous year. The breakdown is as follows: 6,397 TCM hospitals, 97,268 TCM clinics and outpatient departments, and 39 TCM research institutions. Compared with the previous year, the number of TCM hospitals rose by 222, while the number of TCM clinics and outpatient departments increased by 10,951.

In terms of hospital beds, the total number of beds in TCM medical and health institutions nationwide reached 1.823 million in 2024. Among these, TCM hospitals accounted for 1.39 million beds (76.3% of the total). Compared with the previous year, the number of beds in TCM medical and health institutions increased by 91,000, of which 43,000 were added in TCM hospitals.

In 2024, community health service centers providing TCM services accounted for 99.7% of all such centers; community health service stations offering TCM services made up 97.1% of the total; township health centers with TCM services constituted 99.8% of their category; and village clinics providing TCM services accounted for 86.6% of all village clinics.

Regarding personnel, the total number of TCM health personnel nationwide reached 1.159 million in 2024, an increase of 114,000 (a growth rate of 10.9%) over the previous year. The breakdown includes 971,000 licensed (assistant) physicians of TCM category and 170,000 licensed pharmacists (assistants) specializing in traditional Chinese medicines. Both categories saw an increase compared with the previous year.

In addition, the total number of patient visits to TCM medical and health institutions nationwide reached 1.68 billion in 2024, an increase of 150 million visits (a growth rate of 9.6%) over the previous year. Specifically, TCM hospitals recorded 840 million visits (50.1% of the total), TCM clinics and outpatient departments had 310 million visits (18.2%), and TCM clinical departments in non-TCM medical institutions handled 530 million visits (31.7%).

In 2024, the number of discharged patients from TCM medical and health institutions nationwide totaled 52.71 million, an increase of 2.9 million (a growth rate of 5.8%) over the previous year. Among these, TCM hospitals accounted for 42.257 million discharged patients (80.2% of the total), TCM outpatient departments had 10,000 discharged patients, and TCM clinical departments in non-TCM medical institutions reported 10.443 million discharged patients (19.8%).

Full notice and photo adapted from link below:
https://mp.weixin.qq.com/s/8fGldBwW7cpFsob_OkUz6g

2024 年我国卫生健康事业发展统计公报

2024 年是实现“十四五”规划目标任务的关键一年。全国卫生健康系统以习近平新时代中国特色社会主义思想为指导，深入贯彻习近平总书记关于健康中国建设的重要论述精神，全面贯彻党的二十大和二十届二中、三中全会精神，推出一批创新性、普惠性、兜底性服务举措，卫生健康事业得到了新发展，人民健康水平持续提升。2024 年，我国居民人均预期寿命达到 79.0 岁，孕产妇死亡率下降至 14.3/10 万，婴儿死亡率下降至 4.0%。

一、卫生资源

(一) 医疗卫生机构总数。2024 年末，全国医疗卫生机构总数 1093551 个¹，比上年增加 22766 个。其中：医院 38710 个，基层医疗卫生机构 1040023 个，专业公共卫生机构 10547 个。与上年比较，医院增加 355 个，基层医疗卫生机构增加 23785 个。

医院中，公立医院 11754 个²，民营医院 26956 个³。医院按等级分：三级医院 4111 个（其中：三级甲等医院 1876 个），二级医院 12294 个，一级医院 13287 个，未定级医院 9018 个。

医院按床位数分：100 张以下床位医院 22721 个，100~199 张床位医院 5813 个，200~499 张床位医院 5543 个，500~799 张床位医院 2290 个，800 张及以上床位医院 2343 个。

基层医疗卫生机构⁴中，社区卫生服务中心（站）37301 个（其中：社区卫生服务中心 10228 个，社区卫生服务站 27073 个），乡镇卫生院 33334 个，诊所和医务室 351736 个，村卫生室 570410 个。

专业公共卫生机构⁵中，疾病预防控制中心 3439 个，其中：省级 31 个、地（市）级 419 个、县（区、县级市）级 2858 个。妇幼保健机构 3073 个，其中：省级 26 个、地（市）级 385 个、县（区、县级市）级 2593 个。



V

Chinese medicine hospital to open in HKSAR



Home > Health & Community > Chinese medicine hospital to open

Chinese medicine hospital to open

October 15, 2025

The Chinese Medicine Hospital of Hong Kong (CMHHK), located at 1 Pak Shing Kok Road in Tseung Kwan O, will commence services in phases starting from December 11.

Highlighting that the CMHHK is the first hospital in Hong Kong to offer predominantly Chinese Medicine (CM) services, Secretary for Health Prof Lo Chung-mau said the hospital will lead the way for Hong Kong's CM services to go beyond primary healthcare and play a part in secondary and tertiary healthcare services.

"I am very excited that the hospital is about to commence its service, and look forward to its development of a 'Hong Kong model' for pure CM services, services with CM playing the predominant role and integrated Chinese-Western medicine services, providing more comprehensive CM services to members of the public.

Full notice and photo adapted from link below:

https://www.news.gov.hk/eng/2025/10/20251015/20251015_132107_375.html

vi

Bulletin of the World Health Organization just published a special issue on Traditional Medicine

WHO Bulletin special issue on traditional medicine

7 November 2025 | Departmental update Reading time: 2 min (605 words)

In the run up to the 2nd WHO Global Summit in Traditional Medicine, 17-29 December in New Delhi and online, the Bulletin of the World Health Organization (WHO) has released a special issue dedicated to Traditional Medicine. The first such thematic issue on this topic since 1977, the issue contains three news items, two original research papers, two systematic reviews, five policy and practice papers, and five perspective pieces. The special issue reviews the integration of traditional medicine into primary health care, delves into policy and practice, discusses Indigenous rights and traditional knowledge, and examines the use of artificial intelligence.

Full notice and photo adapted from link below:

https://www.news.gov.hk/eng/2025/10/20251015/20251015_132107_375.html

Please refer to link below for the special issue:

[https://pmc.ncbi.nlm.nih.gov/search/?term=\(\(%22Bulletin+of+the+World+Health+Organization%22%5BJournal%5D\)+AND+103%5BVolume%5D\)+AND+11%5BIssue%5D](https://pmc.ncbi.nlm.nih.gov/search/?term=((%22Bulletin+of+the+World+Health+Organization%22%5BJournal%5D)+AND+103%5BVolume%5D)+AND+11%5BIssue%5D)

**vii** China leads research in 90% of crucial technologies — a dramatic shift this century

nature

NEWS | 12 December 2025

China leads research in 90% of crucial technologies — a dramatic shift this century

The United States tops the remaining areas in an assessment of 74 technologies.

By Xiaoying You



China produces the largest share of high-quality research for 66 technologies. Credit: Liu Guoxing/VCG via Getty

China is leading research in nearly 90% of the crucial technologies that “significantly enhance, or pose risks to, a country’s national interests”, according to a technology tracker run by the Australian Strategic Policy Institute (ASPI) — an independent think tank.

Please see the link below for the full article:

<https://www.nature.com/articles/d41586-025-04048-7>



Emerging Trends in the Quality Check of Herbal Medicines, Supplements and 'Botanicals'

Home > Frontiers in Pharmacology > Ethnopharmacology > Research Topics

Emerging Trends in the Quality Check of Herbal Medicines, Supplements and 'Botanicals'

36.8K views | 65 authors | 11 articles



EDITORIAL

30 October 2025

Editorial: Emerging trends in the quality check of herbal medicines, supplements, and "botanicals"

Niccolò Pilla, Daniel Dias Rufino Arcanjo, Massimo Lucarini and Alessandra Durazzo

920 views 0 citations



About

The field of herbal medicines, supplements, and botanicals is experiencing significant growth due to the increasing global demand for natural health products. This surge in...

[view more](#)

Please see link below for full article.

<https://www.frontiersin.org/research-topics/60991/emerging-trends-in-the-quality-check-of-herbal-medicines-supplements-and-botanicals/magazine>





2026

Jan.
7-9

Botanical Symposium

Location/venue:

Senate Room (M1603), The Hong Kong Polytechnic University, Hong Kong

Organizer:

 The State Key Laboratory of Chinese Medicine and Molecular Pharmacology (Incubation),
 The Hong Kong Polytechnic University
 Research Centre for Chinese Medicine Innovation, The Hong Kong Polytechnic University

Supporting organisation:

Good Practice in Traditional Chinese Medicine Research Association

 ZOOM link: <https://polyu.zoom.us/j/83230288760>

Meeting ID: 832 3028 8760

Passcode: 686015

THE HONG KONG POLYTECHNIC UNIVERSITY
香港理工大學

PolyU Academy for Interdisciplinary Research
香港理工大學高層研究院

Research Centre for Chinese Medicine Innovation
中醫藥創新研究中心

State Key Laboratory of Chinese Medicine and Molecular Pharmacology
中醫藥分子藥理與臨床藥理国家重点實驗室

Botanical Symposium

Embracing Complexity of Traditional Chinese Medicine/Herbal Medicine using Innovative Approaches

DATE 7 January 2026 (Wed) | 9:00 a.m.- 5:30 p.m.
8 January 2026 (Thu) | 9:00 a.m.- 12:30 p.m.

VENUE Senate Room (M1603), PolyU Hybrid Mode

REGISTRATION

SPEAKERS

- Prof. Jiayu CHEN**
Beijing University of Chinese Medicine, China
- Prof. Kornkanok INGANINAN**
Naresuan University, Thailand
- Prof. Clara Bik San LAU**
The University of Hong Kong, Hong Kong
- Prof. Simon Ming-yuen LEE**
The Hong Kong Polytechnic University, Hong Kong
- Dr Siu-wai LEUNG**
Edinburgh Bayes Centre for AI Research in Shenzhen, UK
- Prof. Xinmin LIU**
Ningbo University, China
- Prof. Amala SOUMYANATH**
Oregon Health & Science University, US
- Prof. James SIMON**
Rutgers University, US
- Prof. Wah Keung Karl TSIM**
The Hong Kong University of Science and Technology, Hong Kong
- Dr Wendy WONG**
The Chinese University of Hong Kong, Hong Kong
- Prof. Ling XU**
Yueyang Hospital of Integrated Traditional Chinese, China
- Prof. Hung-Rong YEN**
China Medical University, Taiwan
- Prof. Kewu ZENG**
Peking University School of Pharmaceutical Sciences, Beijing
- Prof. Danyue Daisy ZHAO**
The Hong Kong Polytechnic University, Hong Kong

CANCER STUDIES

BIG DATA

FOOD & MEDICINE HOMOMOLOGY

Enquiry: Miss Josephine LAU | Email: info.rcmi@polyu.edu.hk | Tel: +852 3400 5879



2026
Jul.
25-27

The 22nd Meeting of CGCM

Location/venue:

Taiwan

Organizer:

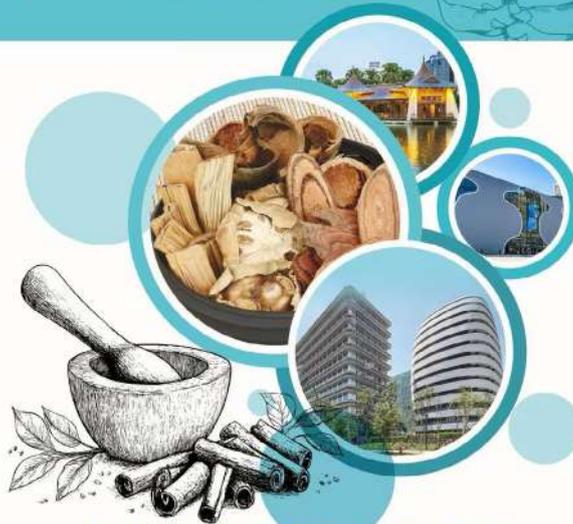
The Consortium for Globalization of Chinese Medicine
China Medical University

CGCM2026



中國醫藥大學
China Medical University

The 22nd Meeting of Consortium for Globalization of Chinese Medicine



2026.07.25-27

Venue | Shuinan Campus, China Medical University, Taichung, Taiwan

- Early-Bird Registration Deadline:2026.02.28
- Abstract Submission Deadline:2026.03.31
- Registration Deadline:2026.06.30

| Organizers |

Consortium for Globalization of Chinese Medicine | China Medical University
Consortium for Globalization of Chinese Medicine -Taiwan Chapter

Topic	Innovative approaches to authenticate multi-species traditional herbal products
Deadline	30 January 2026
Details	https://www.frontiersin.org/research-topics/71077/innovative-approaches-to-authenticate-multi-species-traditional-herbal-products
Editor(s)	<p>Clinical MLinchun Shi, Institute of Medicinal Plant Development, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China</p> <p>Tapan Kumar Mohanta, Researcher, University of Nizwa, Nizwa, Oman</p> <p>Fengjie Sun, Researcher, Georgia Gwinnett College, Lawrenceville, USA</p> <p>Maria De Lourdes Pereira, Associate Professor, University of Aveiro, Aveiro, Portugal</p> <p>Veeranoot Nissapatorn, Walailak University, Tha Sala District, Thailand</p>

Topic	Traditional medicine inspired drug development against central nervous system (CNS) disorders
Deadline	27 February 2026
Details	https://www.frontiersin.org/research-topics/68307/traditional-medicine-inspired-drug-development-against-central-nervous-system-cns-disorders
Editor(s)	<p>Sushil Kumar Chaudhary, Researcher, Institute of Bio-Resources and Sustainable Development, Imphal, India.</p> <p>Chika Ifeanyi Chukwuma, Researcher, Central University of Technology, Bloemfontein, South Africa</p> <p>Mostafa Alilou, Post Doctoral Researcher, Abteilung für Pharmakognosie, Institut für Pharmazie, Universität Innsbruck, Innsbruck, Austria</p> <p>Aliyu Muhammad, Associate Professor, Ahmadu Bello University, Zaria, Nigeria</p> <p>Claudia Matlakala Ntsapi, Senior Researcher, University of the Free State, Bloemfontein, South Africa</p>

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Journal: *Frontiers in Pharmacology*


Topic	Traditional and Local Medicinal Plants in Oxidative Stress and Age-Related Diseases: Experimental Assessments and Multi-Omics Approaches
Deadline	30 April 2026
Details	https://www.frontiersin.org/research-topics/73067/traditionaland-localmedicinal-plants-in-oxidative-stress-and-age-related-diseases-experimentalassessmentsand-multi-omics-approaches Frontiers
Editor(s) 	<p>Bee Ling Tan, Senior Lecturer, Faculty of Health and Life Sciences, Management and Science University, Shah Alam, Malaysia</p> <p>Lunawati Bennett, Professor, Union University, Jackson, United States</p> <p>Ayman El-Meghawry El-Kenawy, Professor, College of Medicine, Taif University, Ta'if, Saudi Arabia</p>

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Journal: *Frontiers in Pharmacology*


Topic	Integrative Omics Analysis of Clinical Trial Outcomes in Traditional Medicine: Unveiling Molecular Mechanisms and Biomarkers
Deadline	1 May 2026
Details	https://www.frontiersin.org/research-topics/72931/integrative-omics-analysis-of-clinical-trial-outcomes-in-traditional-medicine-unveiling-molecular-mechanisms-and-biomarkers
Editor(s) 	<p>Linda Zhong, Associate Professor, Nanyang Technological University, Singapore</p> <p>Xiaojuan He, China Academy of Chinese Medical Sciences, Beijing, China</p> <p>Runyue Huang, Professor, Guangdong Provincial Hospital of Chinese Medicine, Guangzhou University of Chinese Medicine, Guangzhou, China</p>



Topic	Advances in Natural Product-Based Cancer Therapeutics: A Festschrift in Honour of Prof. Thomas Efferth
Deadline	6 May 2026
Details	https://www.frontiersin.org/research-topics/71104/advances-in-natural-product-based-cancer-therapeutics-a-festschrift-in-honour-of-prof-thomas-efferth
Editor(s) 	<p>Vincent Kam Wai Wong, Professor, Macau University of Science and Technology Taipa, Macao, SAR China</p> <p>Olaf Kelber, Senior Researcher Steigerwald Arzneimittelwerk GmbH, Darmstadt, Germany</p> <p>Wendy Hsiao, Professor Emerita, Macau University of Science and Technology, Taipa, Macao, SAR China</p> <p>Michael Heinrich, School of Pharmacy, Faculty of Life Sciences, University College London, London, United Kingdom and Chinese Medicine Research and Development Center, China Medical University Hospital, Taichung, Taiwan</p> <p>Patricia Rijo, Associate Professor, Primary, Lusofona University, Lisbon, Portugal and Universidade Lusófona Research Center for Biosciences & Health Technologies, Lisbon, Portugal</p>

Topic	The Tumor Microenvironment: Mechanisms, Challenges, and Breakthrough Therapies
Deadline	8 May 2026
Details	https://www.frontiersin.org/research-topics/75193/the-tumor-microenvironment-mechanisms-challenges-and-breakthrough-therapies Frontiers
Editor(s) 	<p>Shakti Prasad Pattanayak, Professor, Case Western Reserve University, Cleveland, United States</p> <p>Pulok Kumar Mukherjee, Professor, Institute of Bio-Resources and Sustainable Development (IBSD), Imphal, India</p>

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Journal: *Frontiers in Pharmacology*

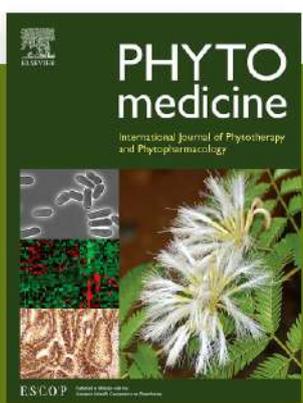

Topic	Pharmacokinetic Research as a Key Element in Ethnopharmacology in Order to Bridge Traditional Herbal Medicines and Evidence-Based Therapy
Deadline	8 May 2026
Details	https://www.frontiersin.org/research-topics/75202/pharmacokinetic-research-as-a-key-element-in-ethnopharmacology-in-order-to-bridge-traditional-herbal-medicines-and-evidence-based-therapy Frontiers
Editor(s) 	<p>Ekaterina-Michaela Tomou, Researcher, National and Kapodistrian University of Athens, Athens, Greece</p> <p>Paraskevi Papakyriakopoulou, Researcher, Laboratory of Clinical Pharmacology, Faculty of Pharmacy, National and Kapodistrian University of Athens, Athens, Greece</p>

viii

Journal: *Frontiers in Pharmacology*


Topic	Understanding Psychedelic and Psychoactive Molecules in Neurodegeneration – Innovative Medical Approaches
Deadline	24 May 2026
Details	https://www.frontiersin.org/research-topics/75696/understanding-psychedelic-and-psychoactive-molecules-in-neurodegeneration---innovative-medical-approaches Frontiers
Editor(s) 	<p>Andrea Bugarcic, Researcher, National Centre for Naturopathic Medicine, Southern Cross University, Lismore, Australia</p> <p>Gregory Redpath, Researcher, University of New South Wales, Kensington, Australia</p> <p>Dejan Stojkovic, Senior Researcher, Institute for Biological Research “Siniša Stanković”, University of Belgrade, Belgrade,</p>

ix *Journal: Frontiers in Phytomedicine* 

Topic	A Multiscale Framework for Indirect Pharmacology: From Cross-Organ and Cellular Networks to Phenotypic Outcomes - Phytomedicine.
Deadline	30 June 2026
Details	https://www.sciencedirect.com/special-issue/327778/a-multiscale-framework-for-indirect-pharmacology-from-cross-organ-and-cellular-networks-to-phenotypic-outcomes-phytomedicine
Editor(s) 	 <div style="display: flex; justify-content: space-between; align-items: center; padding: 10px;"> <div style="text-align: center;"> <p>Phytomedicine</p> <p>Supports open access</p> </div> <div style="text-align: center;"> <p>11.6</p> <p>CiteScore</p> </div> <div style="text-align: center;"> <p>8.3</p> <p>Impact Factor</p> </div> </div>

x *Journal: Frontiers in Pharmacology* 

Topic	IV Bio.Natural-Bioactive Natural Products Research Meeting: Pharmacology Perspectives
Deadline	16 July 2026
Details	https://www.frontiersin.org/research-topics/71371/iv-bionatural-bioactive-natural-products-research-meeting-pharmacology-perspectives
Editor(s) 	<p>Douglas Siqueira Chaves, Researcher, Federal Rural University of Rio de Janeiro Seropédica, Brazil</p> <p>Patricia Rijo Associate Professor, Primary, Lusofona University, Lisbon, Portugal and Universidade Lusófona Research Center for Biosciences & Health Technologies, Lisbon, Portugal</p> <p>Thomas Efferth, Johannes Gutenberg University Mainz, Mainz, Germany</p>



xi

Journal: *Frontiers in Pharmacology*

Topic	Chromatographic Techniques Using Counter-Current Separation for Medicinal Plants and Natural Products
Deadline	17 July 2026
Details	https://www.frontiersin.org/research-topics/71372/chromatographic-techniques-using-counter-current-separation-for-medicinal-plants-and-natural-products
Editor(s) 	<p>Fabio Boylan, Associate Professor, Trinity College Dublin, Dublin, Ireland</p> <p>Wirginia Kukuła-Koch, Senior Researcher Steigerwald Arzneimittelwerk GmbH, Darmstadt, Germany</p> <p>Patricia Rijo, Associate Professor, Primary, Lusofona University, Lisbon, Portugal and Universidade Lusófona Research Center for Biosciences & Health Technologies Lisbon, Portugal</p>

xii

Journal: *Frontiers in Pharmacology*

Topic	Revolutionizing Healthcare: Harnessing Traditional Wisdom for Advanced Medical Innovations in the Global South – Unraveling Research and Development Hurdles
Details	https://www.frontiersin.org/research-topics/61257/revolutionizing-healthcare-harnessing-traditional-wisdom-for-advanced-medical-innovations-in-the-global-south---unraveling-research-development-hurdles Frontiers
Editor(s) 	<p>Ambrose Okem, Researcher, University of the Witwatersrand, Johannesburg, South Africa</p> <p>Devashan Naidoo, Researcher, Mangosuthu University of Technology, Umlazi, South Africa</p> <p>Bhekumthetho Ncube, Senior Researcher, Agricultural Research Council of South Africa (ARC-SA), Pretoria, South Africa</p> <p>Kannann R. R. Rengasamy, Professor, Saveetha Medical College & Hospital, Chennai, India</p>



Postgraduate opportunities in Europe



Europe offers a wealth of postgraduate opportunities, known for their high-quality education, diverse research programs, and numerous funding options. Many European countries provide international students with affordable or even free education, along with a multicultural environment that fosters innovation and collaboration.

2. PhD in Molecular Mechanics of Plant Ion Channels at University of Glasgow, UK

- **Description:** This project aims to understand the molecular mechanics of clustering and gating in plant ion channels, which are crucial for their activity in eukaryotic membranes.
- **Requirements:** Bachelor's or Master's degree in a relevant field, strong background in molecular biology, biochemistry, or related disciplines.
- **Application Deadline:** Open until filled.
- **Contact Information:** Applications are accepted year-round. For more details, visit the University of Glasgow website @ <https://www.gla.ac.uk/postgraduate/research/plantscience/>





Online tools for finding a PhD program around the world



The following are PhD searching platforms designed to assist prospective PhD students in finding and applying for doctoral programs. These platforms not only list PhD opportunities but also offer valuable tips on the application process, funding options, and life as a PhD student. You can refine your search with filters for country, subject (ex. Herbal medicine, Pharmacology, ...), and institution to find programs that best match your interests. Good luck with your search!

- FindAPhD : <https://www.findaphd.com/>
- PhD Portal : <https://www.phdportal.com/>
- Academic Positions : <https://academicpositions.com/find-jobs?page=1>
- ScholarshipDb.net : <https://scholarshipdb.net/>



Good luck with your search!

Networking is a crucial aspect for researchers. Here are the top networking sites widely used in the scientific community abroad. Enjoy connecting with new people!

- LinkedIn : <https://linkedin.com/>

To make the most of LinkedIn, start by creating an engaging profile that showcases your professional/academic achievements. Regularly update your connections with your latest scientific breakthroughs to keep them informed of your progress. If you don't know where to start, follow these pages that repost PhD and post-doctoral position openings.

- jobRxiv
- Jobs4Biotech : Mainly posts research opportunities in France.

- Research Gate : <https://www.researchgate.net/>
- Academia.edu : <https://www.academia.edu/>
- ORCID : <https://orcid.org/>



Postgraduate Opportunities

Opportunities in Europe

Europe offers a wealth of postgraduate opportunities, known for their high-quality education, diverse research programs, and numerous funding options. Many European countries provide international students with affordable or even free education, along with a multicultural environment that fosters innovation and collaboration.

Belgium

PhD Study in Belgium – A Guide for 2025 | FindAPhD.com is a guide to understand the PhD in Belgium and to find one.

<https://www.findaphd.com/guides/phd-study-in-belgium>

67 PhD jobs in Belgium - Academic Positions is to find PhD opportunities in Belgium.

<https://academicpositions.com/jobs/position/phd/country/belgium>

University of Mons (UMONS) : Select a PhD/Post-Doc topic - Université de Mons (umons.ac.be) is to find a PhD or a Post-Doc in UMONS.

<https://web.umons.ac.be/en/recherche/le-doctorat/search-a-thesis-topic/>

France

PhD in France - Subjects (PhD, Master's & Postdoc training) (campusfrance.org) is to find a PhD in France

<https://doctorat.campusfrance.org/en/phd/offers>

Switzerland

31 Postdoc jobs in Switzerland - Academic Positions

<https://academicpositions.com/jobs/position/post-doc/country/switzerland>

● last updated time: 12/29/2025

Freely Accessible Learning Material

Interesting articles

An Introduction to Statistics: Choosing the Correct Statistical Test (ijccm.org) :

This article provides a comprehensive overview of the myriad factors that influence the choice of a statistical test and identifies several statistical tests that are commonly utilized in practical application.

- <https://www.ijccm.org/doi/pdf/10.5005/jp-journals-10071-23815>

Writing a scientific article: A step-by-step guide for beginners - ScienceDirect:
A guide for beginner to write a scientific article

- <https://www.sciencedirect.com/science/article/abs/pii/S1878764915001606>

What every new reviewer should know about peer review: workshop hosted by the SAJS

- <https://www.assaf.org.za/wp-content/uploads/2024/09/3-What-every-new-reviewer-should-know-about-peer-review.pdf>

Freely Accessible Learning Material

Online learning Platforms

Functional Metabolomics Lab - YouTube : YouTube channel that upload summer schools, seminars and workshops on Metabolomics

- <https://www.youtube.com/@functionalmetabolomics/videos>

(Galaxy Training! (galaxyproject.org)) : A platform designed for on-site education and training in bioinformatics, omics, and other related areas is available.

Link to Galaxy (usegalaxy.eu) which is a scientific workflow, data integration, and persistence and publishing platform for computational biology. It aims to provide research scientists who do not have programming experience with access to computational biology. The platform offers a multi-omics treatment solution.



Freely Accessible Learning Material

Global Studies

Useful tools/databases for natural products datamining

Reactome (<https://reactome.org/>)

- Visualization of metabolic pathways
- Allows identification of active substances acting on a pathology (with metabolic pathway diagram)
- Easy visualization of protein-protein interactions
- For drugs, provides links to "Guide to Pharmacology," which contains precise pharmacology data

Reference:

Marija Milacic, Deidre Beavers, Patrick Conley, Chuqiao Gong, Marc Gillespie, Johannes Griss, Robin Haw, Bijay Jassal, Lisa Matthews, Bruce May, Robert Petryszak, Eliot Ragueneau, Karen Rothfels, Cristoffer Sevilla, Veronica Shamovsky, Ralf Stephan, Krishna Tiwari, Thawfeek Varusai, Joel Weiser, Adam Wright, Guanming Wu, Lincoln Stein, Henning Hermjakob, Peter D'Eustachio, The Reactome Pathway Knowledgebase 2024, *Nucleic Acids Research, Volume 52, Issue D1, 5 January 2024, Pages D672–D678*

<https://doi.org/10.1093/nar/gkad1025>

NPASS (<https://bidd.group/NPASS/>)

- Search by NPC number available
- Identify the species of origin of a compound
- Find known activities of a compound
- Find compounds present in a species
- Find compounds targeting a specific target or a particular organism
- ADME/Tox prediction (via ADMETlab2.0)
- Find compounds with similar structures

Reference:

Hui Zhao, Yuan Yang, Shuaiqi Wang, Xue Yang, Kaicheng Zhou, Caili Xu, Xuyao Zhang, Jiajun Fan, Dongyue Hou, Xingxiu Li, Hanbo Lin, Ying Tan, Shanshan Wang, Xin-Yi Chu, Dongzhi Zhuoma, Fengying Zhang, Dianwen Ju, Xian Zeng, Yu Zong Chen, NPASS database update 2023: quantitative natural product activity and species source database for biomedical research, *Nucleic Acids Research, Volume 51, Issue D1, 6 January 2023, Pages D621–D628*,

<https://doi.org/10.1093/nar/gkac1069>

If the link is not accessible, please use the link provided in the original paper.



Apply for a grant in Europe

i

ERC starting grant : is for early-career scientists with 2-7 years of experience after completion of PhD.

More information at _____

 Details: <https://erc.europa.eu/apply-grant/starting-grant>



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Marie Skłodowska-Curie Actions : supported by the European Commission, MSCA proposes various fellowships to support research and innovation through the development of human resources.

More information at _____

 Details: <https://marie-sklodowska-curie-actions.ec.europa.eu/>

iii

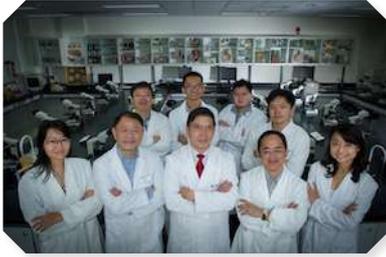
Euraxess – Belgium : Where you can find different funding opportunities for doctoral, post-doctoral, early career or internship in Belgium.

More information at _____

 Details: <https://www.euraxess.be/belgium/jobs-funding>

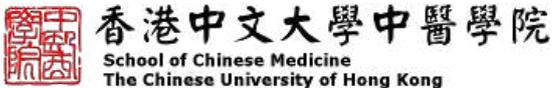


i



Doctor of Philosophy (PhD) in Biomedical Sciences/ Chinese Medicine/ Translational Medicine/ Pharmacy in Chinese Medicine
School of Chinese Medicine, Hong Kong Baptist University

Details: <https://scm.hkbu.edu.hk/en/education/research-postgraduate.html>



ii



PhD in Chinese Medicine
School of Chinese Medicine,
The Chinese University of Hong Kong

Details: <http://www.scm.cuhk.edu.hk/en-gb/programs/research-master-doctoral-program/phd-in-chinese-medicine>



中藥質量研究國家重點實驗室(澳門大學)
Laboratório de Referência do Estado para Investigação de
Qualidade em Medicina Chinesa (Universidade de Macau)
State Key Laboratory of Quality Research in Chinese Medicine
(University of Macau)

中華醫藥研究院
Instituto de Ciências Médicas Chinesas
Institute of Chinese Medical Sciences

iii



Doctor of Philosophy in Biomedical Sciences
Institute of Chinese Medical Sciences, University of Macau

Details: <https://sklqrcm.um.edu.mo/ycmdbs/>



iv

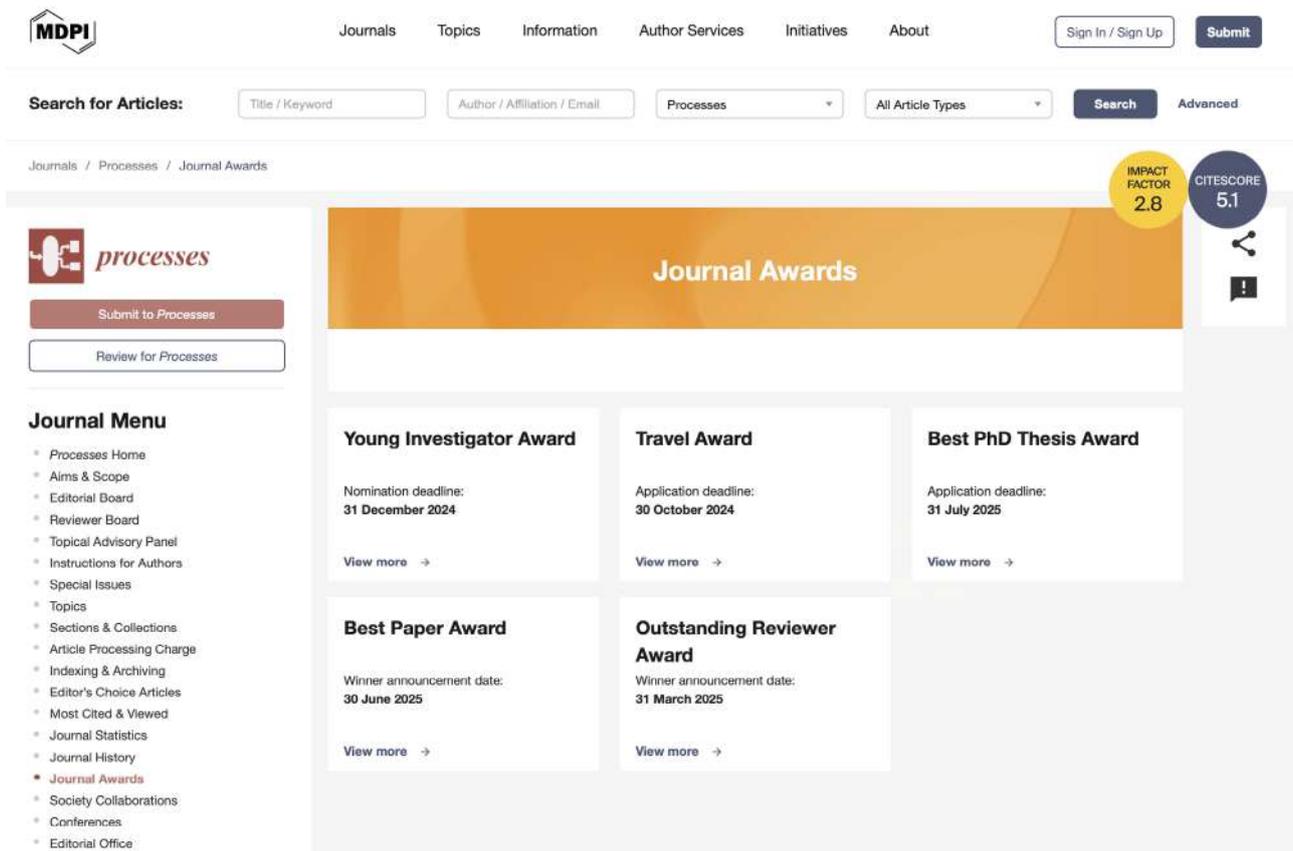


PhD in Chinese Medicine
School of Chinese Medicine, The University of Hong Kong

Details: <https://scm.hku.hk/Views/Programme/English-MPhilPhD.html>

Journal Award by *Processes*

More information: <https://www.mdpi.com/journal/processes/awards>



The screenshot shows the MDPI website's 'Processes' journal awards page. At the top, there is a navigation bar with 'MDPI' logo, 'Journals', 'Topics', 'Information', 'Author Services', 'Initiatives', and 'About' links, along with 'Sign In / Sign Up' and 'Submit' buttons. Below this is a search bar with fields for 'Title / Keyword', 'Author / Affiliation / Email', 'Processes' (dropdown), and 'All Article Types' (dropdown), with a 'Search' button and an 'Advanced' link. The breadcrumb trail reads 'Journals / Processes / Journal Awards'. On the right side, there are two circular badges: 'IMPACT FACTOR 2.8' and 'CITESCORE 5.1'. The main content area features a large orange header with 'Journal Awards'. Below this, there are five award categories, each with a 'View more' link:

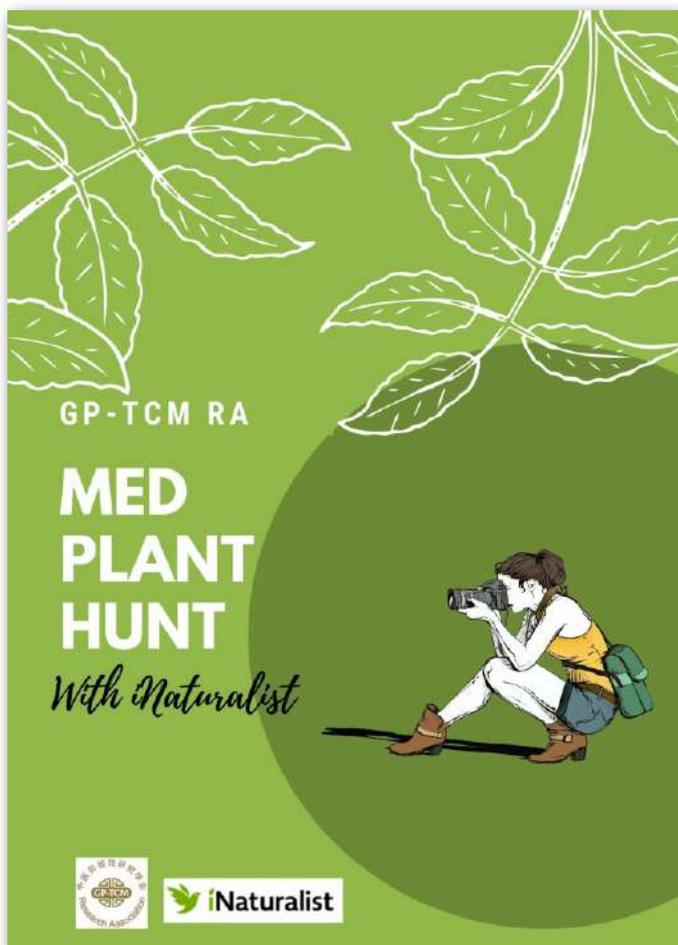
- Young Investigator Award**: Nomination deadline: 31 December 2024
- Travel Award**: Application deadline: 30 October 2024
- Best PhD Thesis Award**: Application deadline: 31 July 2025
- Best Paper Award**: Winner announcement date: 30 June 2025
- Outstanding Reviewer Award**: Winner announcement date: 31 March 2025

On the left side, there is a 'Journal Menu' with a list of links: Processes Home, Aims & Scope, Editorial Board, Reviewer Board, Topical Advisory Panel, Instructions for Authors, Special Issues, Topics, Sections & Collections, Article Processing Charge, Indexing & Archiving, Editor's Choice Articles, Most Cited & Viewed, Journal Statistics, Journal History, Journal Awards (highlighted), Society Collaborations, Conferences, and Editorial Office. There are also two buttons: 'Submit to Processes' and 'Review for Processes'.



Med Plant Hunt with iNaturalist

i



In order to promote conservation of wildlife, especially wild medicinal plant and TCM herbs, and their environment, a challenge on **“Med Plant Hunt”** is launched.

The aim of challenge is to encourage our members to identify and recognize the morphological features of living wild medicinal plant in nature.

Eligibility:

Med Plant Hunt is free and open to all GP-TCM RA members.

Entries must abide by the guidelines below.

Rules & Guidelines:

iNaturalist is a nature app to help you identify the animals and plants around you and provide a platform to connect you and experts to share about nature. Users can record and share their observations and the findings can enrich scientific data repositories like the Global Biodiversity Information Facility.

Create your own account and share your wild medicinal plant observation to mobile iNaturalist app or iNaturalist website.

How to enter:

1. Complete the registration form with iNaturalist user ID.
2. Make the observation of living wild medicinal plant around you with iNaturalist app/website.
3. With the submitted iNaturalist ID, your observation for entry will be automatically recorded and results will be announced in the coming issue of the newsletter.



How to join



Registration form



How to upload

For inquiries about Med Plant Hunt, please send email to

gptcm_medplanthunt@outlook.com





Med Plant Hunt with iNaturalist

i



Prizes:

- **Adventurous Observer: The highest number of observed species**
- **TCM Photographer: Best photo shoot**
- **Lucky Observer: Observe rare species**



The selected entries will be published on the next issue of the newsletter. An electronic certificate and **a complementary gift** (e.g. water bottle ideal for outdoor activities, sponsored by Macau Pharmacology Association) will be given.



澳門藥理協會

MED PLANT HUNT

With iNaturalist

Med Plant Hunt Registration Form

Name:

Email:

Affiliation:

Country or region:

iNaturalist account information

User name:

User email:

(Please send the form to gptcm_medplanthunt@outlook.com for registration)



Online registration



How to join



Registration form



How to upload



Chinese ephedra (*Ephedra sinica*, Ephedraceae, 草麻黃, left)
and Intermediate ephedra (*Ephedra intermedia*, Ephedraceae, 中麻黃, center),
and Mongolian ephedra (*Ephedra equisetina*, Ephedraceae, 木賊麻黃, right)



First recorded in the text of the *Divine Husbandman's Classic of Materia Medica* (*Shen Nong Ben Cao Jin*) of the Eastern Han Dynasty (25~220), the dried herbaceous stem of *Ephedra sinica*, *Ephedra intermedia*, or *Ephedra equisetina* is known as the Chinese medicinal *mahuang* (ephedrae herba). Pungent, slightly bitter, and warm in properties, ephedrae herba induces sweating, releases the exterior, ventilates the lung, calms wheezing, promotes urination, and reduces edema. It is indicated for wind-cold exterior syndrome, coughing, wheezing, and edema with an exterior condition. It is also indicated for wind-cold painful obstruction and yin type deep-rooted sores because of its cold-dispersing and obstruction-freeing functions.

First appeared in the text of the *Collection of Commentaries on the Classic of the Materia Medica* (*Ben Cao Jing Ji Zhu*) of the North and South Kingdoms (420~589), the dried root and rhizome of *Ephedra sinica* or *Ephedra intermedia* is known as the Chinese medicinal *mahuanggen* (ephedrae radix et rhizoma). Sweet and neutral in properties, ephedrae radix et rhizoma consolidates the exterior and stops sweating. In contrast to ephedrae herba, ephedrae radix et rhizoma is indicated for spontaneous sweating due to *qi* deficiency, night sweating due to *yin* deficiency, or deficient postpartum sweating.

Attention should be paid that *Ephedra* species and their ephedrine alkaloids might either be abused or illegally used as a source for the production of crystal meth (methamphetamine). They are thus legally restricted in many countries.

The above colour photographs, English texts and Chinese poems are contributed by Prof **Hubiao Chen** (Hong Kong), Dr **Ping Guo** (Hong Kong) and Prof **Jiqing Liu** (Shenzhen), respectively. This column is advised by Prof **Zhongzhen Zhao** (Hong Kong).



Chinese ephedra (*Ephedra sinica*, Ephedraceae, 草麻黃, left)
and Intermediate ephedra (*Ephedra intermedia*, Ephedraceae, 中麻黃, center),
and Mongolian ephedra (*Ephedra equisetina*, Ephedraceae, 木賊麻黃, right)



麻黃

短莖木質說麻黃
節上苞紅種內藏
辛辣苦微初入口
風寒發散有誰忙

麻黃根

坡前一遇草如茵
根覓揮鋤掘地頻
洗淨入方來煮水
欲知止汗是何因



Just click here to enjoy the video:

https://uofmacau-my.sharepoint.com/:v/g/personal/yc37514_um_edu_mo/QCG5pyh-QINQ7hAix16ArE7AUPCx-9oP1acOZDaTsc1fxQ?nav=eyJyZWZlcnJhbFluZm8iOncicmVmZjlyWwBcHAI0ijPbmVFcmI2ZUZvcml2c2luZXNzIiwicmVmZjlyWwBcHBI0bGE0Zm9ybSI6IldyYXNzIjZmYycmFSTW9kZSI6InZpZXRlClJyZWZlcnJhbFZpZXRlQjNeUzpbGVzTGlua0NvcHkifX0&e=s865gz

