



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



March-April 2026 Newsletter

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i The 14th Annual Meeting of GP-TCM RA

The 14th Annual Meeting of the GP-TCM RA will be held from 7-9 July 2026 at Nanyang Technological University, Singapore. The theme for this year's meeting is "Bridging East and West: Global Collaboration in Integrative Medicine". The deadline for abstract submission has been extended to 21 May 2026. For applicants interested in the Travel Award (3 awards of £500 each), abstracts must be submitted on or before 7 May 2026 to be considered. Full submission guidelines and further event details are available on the official event page:

<https://www.gp-tcm.org/index.php/event/the-14th-gp-tcm-ra-annual-meeting/>

Organised by:



Supported by:



THE 14TH ANNUAL MEETING OF THE GP-TCM RA

BRIDGING EAST AND WEST: GLOBAL COLLABORATION IN INTEGRATIVE MEDICINE

Call for abstract submission

Scan for details

7th – 9th July 2026

Nanyang Technological University, Singapore

Keynote Speakers



Prof. Alberto Carlos Pires Dias



Dr. Ting Bao



Prof. Ghassan Karam



Prof. Jing Jih Chin



<https://www.gp-tcm.org>

Please see link below for full news:

<https://event.ntu.edu.sg/the-14th-annual-meeting-of-the-gp-tcm-ra>



New members of GP-TCM RA (March-April 2026)

Ordinary Members

Yiyao LI

Henan University of Chinese Medicine, China

Kexin YAO

Henan University of Chinese Medicine, China

Student Members

Bairui GU

China Pharmaceutical University, China





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 GP-TCM RA Experts Participate in 56th Ph. Eur. TCM Working Party Meeting

The 56th hybrid meeting of the European Pharmacopoeia (Ph. Eur.) Traditional Chinese Medicine Working Party (TCM WP) was held at the EDQM in Strasbourg, France, from March 31 to April 1, 2026.

Fifteen experts attended in person and six participated online, contributing to discussions on monographs under development and new proposals.

Their involvement highlights the growing contribution of GP-TCM RA experts to the advancement of quality standards in traditional Chinese medicine.



The meeting was chaired by Dr. Mei Wang, also Chair of GP-TCM RA.



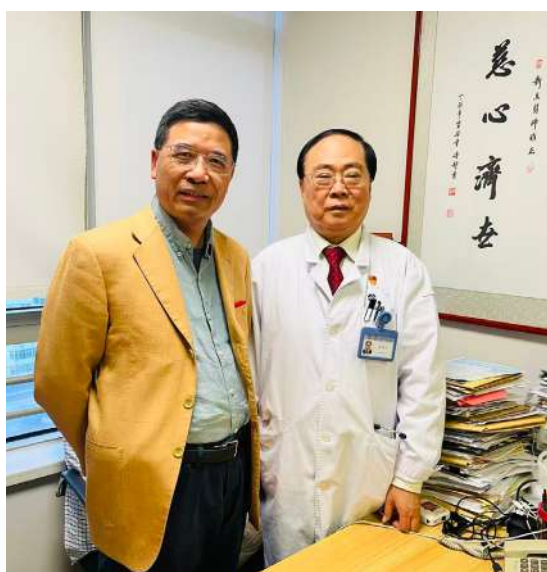
GP-TCM RA Board members attended the 56th Ph. Eur. TCM Working Party meeting.



ii Seeking the Wisdom of Traditional Chinese Medicine: Dr. Xu Qihe's Nanjing Visit

After the Easter and Qingming Festivals, **Dr Qihe Xu** conducted a series of academic exchanges at **Jiangsu Province Hospital and the First Affiliated Hospital with Nanjing Medical University, Nanjing University of Chinese Medicine (NJUCM), and China Pharmaceutical University.**

On 7th April, Dr Xu visited **Professor Xinli Li** and his postdoctoral colleagues, **Dr Lokfai Cheang** and **Dr Xu Zhu**, in the Department of Cardiology at Jiangsu Province Hospital and the First Affiliated Hospital of Nanjing Medical University. They discussed the possibility of collaborating on international clinical trials of Chinese herbal medicine. Professor Li is the principal investigator of two major clinical trials on Qili Qiangxin for the treatment of heart failure (Nat Med 2024; JACC2013):



On 7th April evening, Dr Xu met with Prof. Xinli Li in Prof. Li's office.



Dr Xu discussed collaborations with Professor Haibo Cheng, President of NJUCM, and his colleagues



Prof. Ping Li, Dr Xu and Prof Hua Yang at the State Key Lab



Dr Xu delivered his invited speech on TCM-inspired innovation

Please see link below for full news:
<https://www.kingscicm.org/?p=2963>



i

GMP Standards for Botanical Drug Products



GMP Standards for Botanical Drug Products



Botanical Drug

American Botanical Drug Association (BotanicalDrug.org) is an industry organization for the U.S. FDA botanical drugs. ABDA publishes peer-reviewed journal, Botanical Drugs (BotanicalDrugs.org)

Good Manufacturing Practice (GMP) standards are crucial for ensuring the quality, safety, and consistency of botanical drug products. Because botanical drug products are derived from complex plant materials rather than single purified compounds, production control must cover the variability across multiple stages—from plant cultivation to extraction, formulation, and final product release.

Please see link below for full article:

https://www.linkedin.com/pulse/gmp-standards-botanical-drug-products-botanical-drug-w2ale?utm_source=share&utm_medium=member_android&utm_campaign=share_via

ii Mystery of how plants make a family of medicinal molecules has been solved

nature

RESEARCH BRIEFINGS | 18 March 2026


Mystery of how plants make a family of medicinal molecules has been solved

The cinchona alkaloids are a family of plant-derived compounds that include quinine, an antimalarial drug also used as the bittering ingredient in tonic water. The biosynthetic pathway in Cinchona plants that produces the scaffold for these important molecules has been mapped.

Please see link below for full article:

<https://www.nature.com/articles/d41586-026-00790-8>

i **Traditional Chinese Medicine Modernization in Diagnosis and Treatment: Utilizing Artificial Intelligence and Nanotechnology**

► MedComm (2020). 2026 Feb 3;7(2):e70596. doi: [10.1002/mco2.70596](https://doi.org/10.1002/mco2.70596) 

Traditional Chinese Medicine Modernization in Diagnosis and Treatment: Utilizing Artificial Intelligence and Nanotechnology

[Wenqi Yu](#)^{1,2}, [Mengzhen Chen](#)^{1,2}, [Xueqi Tan](#)^{1,2}, [Xi Wei](#)², [Fan Sun](#)³, [Hua Yan](#)¹, [Xue Xu](#)^{1,2,✉}, [Hongcai Shang](#)^{4,✉}

► [Author information](#) ► [Article notes](#) ► [Copyright and License information](#)

PMCID: PMC12868938 PMID: [41648057](https://pubmed.ncbi.nlm.nih.gov/41648057/)

ABSTRACT

Traditional Chinese medicine (TCM), consisting of a complete TCM diagnosis and treatment system, is a valuable treasure in the long river of Chinese clinical history. However, the subjective diagnosis, ambiguous mechanisms, and complex formulas make it slightly lag behind the development of modern medicine. With the emergence of novel technologies such as artificial intelligence (AI) and nanotechnology, TCM modernization has regained its promise of hope. In this review, we provide an overview of applications of AI and nanotechnology to assist TCM modernization. Firstly, we summarize the auxiliary TCM diagnosis approaches based on machine learning and deep learning, which facilitate “four diagnostic methods” (inspection, auscultation–olfaction, inquiry, and pulse palpation) with standard and quantifiable data collection, and objective syndrome differentiation and diagnostic decisions. Secondly, a comprehensive overview of the nanotechnology used to enhance the therapeutic effects of TCM is provided, including optimizing TCM formulas and enhancing active targeting. Finally, we summarize the current challenges, clinical translation, and future perspectives of AI, TCM diagnosis, and nanotechnology. Our review and insights aim to provide valuable guidance for the continued advancement of TCM modernization.



Please see link below for full article:

<https://pmc.ncbi.nlm.nih.gov/articles/PMC12868938/>



Advancing the modernization of traditional Chinese medicine through artificial intelligence and multimodal data integration

[Home](#) > [Chinese](#) > [Medicine](#) > Article

Advancing the modernization of traditional Chinese medicine through artificial intelligence and multimodal data integration

Review | [Open access](#) | Published: 26 January 2026

Volume 21, article number 54, (2026)

ABSTRACT

Traditional Chinese Medicine (TCM) is a valuable medical treasure trove that not only demonstrated unique advantages in treating complex and refractory diseases but also left behind a rich legacy of ancient texts and valuable evidence-based medical data based on its human experience for future generations. Nevertheless, the extensive data within TCM has been plagued by challenges, including inadequate data standardization, inconsistent data quality, limited data structuring, and obstacles in interdisciplinary integration. Recent advancements in artificial intelligence (AI) techniques have markedly improved the efficiency and effectiveness with which multimodal data in TCM, including machine learning (ML), deep learning (DL), knowledge graphs (KG), and natural language processing (NLP), particularly large language models (LLMs). These advancements have facilitated more precise data analysis, enhanced clinical decision-making, and improved research outcomes in TCM, such as target discovery, virtual screening of natural products (NPs), symptom differentiation and auxiliary prescription. This article presents a comprehensive review of the progress in applying AI across four dimensions: multiscale data in TCM, TCM research and development, TCM diagnosis and treatment, and LLMs. In summary, the application of AI technology in the modernization of TCM is expected to motivate researchers to achieve a deeper understanding of state-of-the-art applications in data-driven TCM complex systems, fundamental scientific research, and precision medicine, thereby bringing more opportunities and innovations for the modernization of TCM.

Please see link below for full article:

<https://link.springer.com/article/10.1186/s13020-025-01194-y>





Development and application of artificial intelligence in traditional Chinese medicine research and development

[Home](#) > [Chinese](#) > [Medicine](#) > Article

Development and application of artificial intelligence in traditional Chinese medicine research and development

Review | [Open access](#) | Published: 08 January 2026

Volume 21, article number 17, (2026)

ABSTRACT

Background

The integration of artificial intelligence (AI) into traditional Chinese medicine (TCM) research and development offers promising solutions to longstanding challenges in the field. These challenges include the complexity of TCM formulations, variability in quality control, and hurdles in global market acceptance. The unique synergy between AI technologies and TCM principles creates opportunities to enhance research efficiency, standardization, and innovation.

Aim of review

This review aims to explore the applications and impact of AI across three critical stages of TCM development: drug design, pharmaceutical manufacturing, and market access. By summarizing the advancements and limitations in these areas, the review identifies the transformative potential of AI and proposes future directions for integrating AI with emerging technologies to advance TCM research and development (R&D).

Key scientific concepts of review

AI has transformative potential in TCM development, addressing key challenges across various stages. In drug design, AI accelerates the identification of active compounds, optimizes formula composition, and models pharmacodynamic relationships to enhance innovation efficiency and precision. During pharmaceutical manufacturing, AI contributes to process optimization, quality control, and the standardization of TCM products, ensuring stable and scalable production. For market access, although no TCM developed by AI has entered the clinic, AI has played a role in comprehensive safety and efficacy assessments and simplified regulatory compliance in other drugs. By leveraging these advances and reviewing limitations, AI promotes the need to develop more integrated, more efficient, and more utilized methods in TCM R&D.



Please see link below for full article:

<https://link.springer.com/article/10.1186/s13020-025-01288-7>

iv **Nature Index: China**

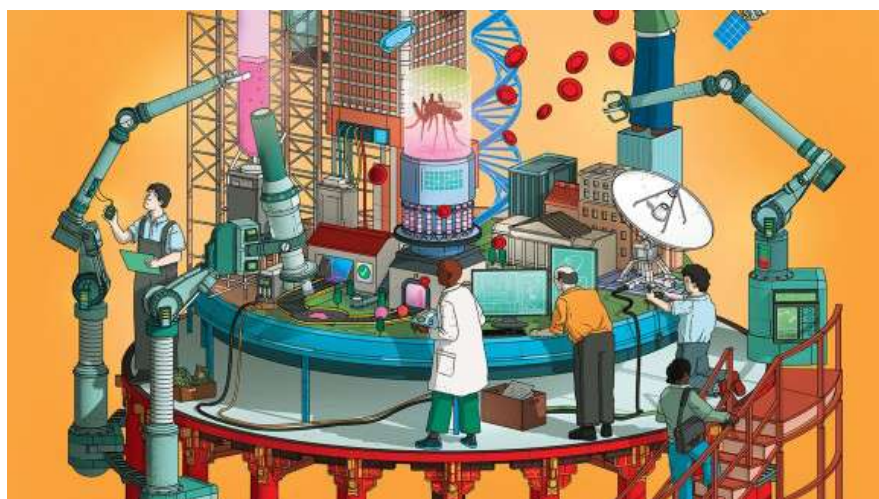
nature

[nature](#) > nature index

Nature Index | 25 March 2026

China

China's lead in the Nature Index is growing, but for how long can it continue on this trajectory? In this supplement we look at two key issues that might help answer this question — funding and research collaboration — and consider how they will impact the country's high-quality science in the future.



Features and comment

Nature Index

25 Mar 2026

[Nature](#)**Can China keep up its extraordinary research growth?**

Evidence of a pivot towards other sources of funding and collaboration suggest it is looking for ways to maintain its rapid pace of change.

Simon Baker

**Nature Index**

25 Mar 2026

[Nature](#)**Why China's philanthropists are digging deep for research**

An increase in donations, prizes and public-private initiatives suggests many firms want to show commitment to the government's goals.

Ben Deighton



Please see link below for full article:

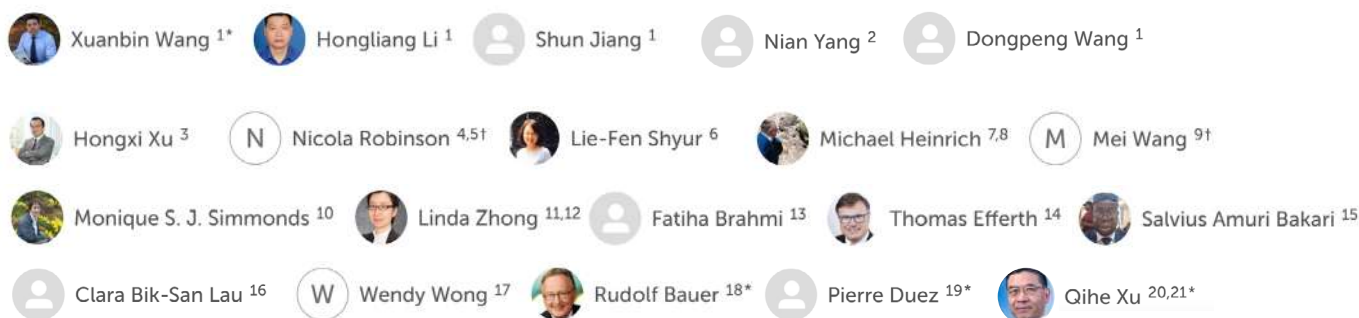
<https://www.nature.com/collections/jajheedahd>

V International standards and good practice guidelines in traditional, complementary and integrative medicine: a scoping review

POLICY AND PRACTICE REVIEWS article

Front. Pharmacol., 09 April 2026

Sec. Ethnopharmacology

Volume 17 - 2026 | <https://doi.org/10.3389/fphar.2026.1742400>**International standards and good practice guidelines in traditional, complementary and integrative medicine: a scoping review****ABSTRACT****Objectives:**

To map the development of international standards (IS) and international good practice guidelines (IGPG) across the field of traditional, complementary and integrative medicine (TCIM) and establish a comprehensive repository.

Methods:

A systematic search was conducted using PubMed, Web of Science, EMBASE, ProQuest, and the Cochrane Library, as well as relevant websites, with the assistance of artificial intelligence tools. This search combined MeSH terms and keywords, and was further supplemented by non-systematic human expert input, covering the period from January 2000 to April 2025. Duplicates were removed and all records were screened based on pre-defined criteria for TCIM-relevant IS/IGPG and TCIM- and IS/IGPG-related systematic reviews, implementation documents and commentaries.

Findings:

2026 records met inclusion criteria: (a) TCIM-relevant IS/IGPG documents (n = 1,624); and (b) TCIM- and IS/IGPG-related secondary documents (systematic reviews, perspectives and commentaries, n = 402). These IS/IGPG were produced by 33 international organisations and consortia, broadly applicable to TCIM or specific to a particular TCIM modality. Our data showed acceleration in IS/IGPG production over the past two decades. An analysis of the secondary literature provided a broad overview of the disease spectrum and the application of IS/IGPG in TCIM studies.

Conclusion:

A comprehensive repository for TCIM-related IS/IGPG has been established. These IS/IGPG can be expected to play important roles for an efficient implementation of the World Health Organization Traditional Medicine Strategy 2025–2034. Future work should focus on disseminating, implementing and harmonising these IS/IGPG, evaluating their effectiveness and refining them, while promoting global parity in access, implementation and coverage.

Please see link below for full article:

<https://www.frontiersin.org/journals/pharmacology/articles/10.3389/fphar.2026.1742400/full>



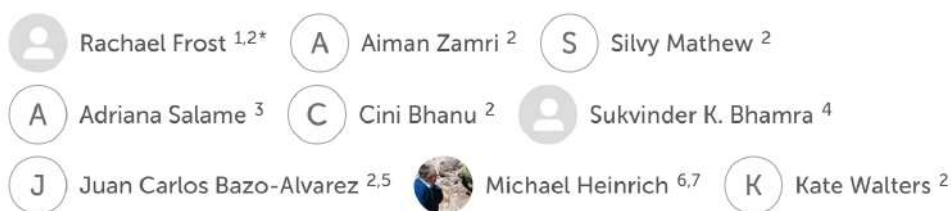
vi

Understanding the research landscape of over-the-counter herbal products, dietary supplements, and medications evaluated for depressive symptoms in adults: a scoping review

SYSTEMATIC REVIEW article

Front. Pharmacol., 15 July 2025

Sec. Ethnopharmacology

Volume 16 - 2025 | <https://doi.org/10.3389/fphar.2025.1609605>**Understanding the research landscape of over-the-counter herbal products, dietary supplements, and medications evaluated for depressive symptoms in adults: a scoping review****ABSTRACT****Background:**

Over-the-counter (OTC) products such as herbal medical products (HMPs) or dietary supplements are a valued part of preventative and supportive self-care for depressive symptoms, but there is a wide array of products available, with differing levels of clinical evidence. It is unclear what the optimal directions for future research in this field are.

Aim:

We aimed to explore the size and nature of the evidence base available for OTC products for depression in adults aged 18–60.

Methods:

We carried out a scoping review following Joanna Briggs Institute guidance. We searched MEDLINE, Embase, PsycINFO, AMED, and CENTRAL from inception to December 2022, and 10% of the results were screened by two authors and the remainder by one author. We included randomised controlled trials of products commonly available OTC in multiple countries in participants with symptoms or a diagnosis of depression. Results were narratively summarised by the product and volume of evidence available.

Results:

Out of 23,933 records found, we screened 1,367 full texts and included 209 trials. The largest volume of evidence was for omega-3s, St John's Wort, saffron, probiotics, and vitamin D. Among a range of herbal medical products with promising evidence, those most commonly used and thus warranting further research were lavender, lemon balm, chamomile, and Echium. For 41 products, we found only single trials. Few products presented safety issues, whether used alone or adjunctively with antidepressants.

Conclusion:

Products with limited but promising evidence included folic acid, lavender, zinc, tryptophan, Rhodiola, and lemon balm, and future research should focus on these products. There is a need for further evaluation of herbal medical products as adjuncts to antidepressants and for exploring their potential benefits when used adjunctively with psychological therapies to support a more integrative approach. Safety reporting in these trials needs to be further improved.

Please see link below for full article:

<https://www.frontiersin.org/journals/pharmacology/articles/10.3389/fphar.2025.1609605/full>

vii Reimagining human-centric drug development with new approach methodologies

Science

HOME > SCIENCEFIRST > RELEASE > REIMAGINING HUMAN-CENTRIC DRUG DEVELOPMENT WITH NEW APPROACH METHODOLOGIES

XUEKUN WU , MATTHEW A. WU , JAMES ZOU , NICOLE KLEINSTREUER , AND JOSEPH C. WU SCIENCE • 16 Apr 2026 • First Release • DOI: [10.1126/science.aeb0045](https://doi.org/10.1126/science.aeb0045)

ABSTRACT:

Despite unprecedented technological progress, most drug candidates continue to fail in clinical trials, reflecting a persistent gap between preclinical models and human biology. New approach methodologies (NAMs), by spanning human-derived cellular systems, microphysiological platforms, and artificial intelligence, offer a paradigm shift in human-centric drug development and biomedical research. Recent regulatory reforms, such as the US Food and Drug Administration (FDA) Modernization Act 3.0, have begun to position NAMs as a complement to or replacement for animal testing. This Review synthesizes emerging biological and computational NAMs and examines how their integration is reshaping drug development. We also discuss regulatory and ethical frameworks enabling this transition and outline a roadmap for embedding NAMs in a predictive, efficient, and ethically grounded infrastructure of human-centered drug development.



Please see link below for full article:

<https://www.science.org/doi/10.1126/science.aeb0045>



2026
Jun.
03

Spices and Medicine Symposium (hybrid) with the Peter Bradley Lecture 2026

Spices and Medicine Symposium (hybrid) with the Peter Bradley Lecture 2026

UCL Spices and Medicine is an interdisciplinary initiative that aims to showcase research at the interface of food, medicine, and culture to the present day.

In-person registration



Registrations are now open for the UCL School of Pharmacy hybrid event (in-person / Zoom). The afternoon programme includes talks, poster presentations, and panel discussions, running from 13:30 to 18:00 at the John Hanbury Lecture Theatre.

The keynote lecture is delivered by Dr. Stefan Gafner (Chief Science Officer, American Botanical Council), focusing on adulterated herbal medicines and botanical ingredients. A roundtable discussion on quality challenges for herbal medical products follows the keynote.

Agenda:

| | |
|-------------|--|
| 13:30 | Arrival |
| 14:00–14:30 | Lectures |
| 14:45–15:30 | Keynote Lecture |
| 15:45–17:00 | Round Table Discussion |
| 17:00 | Drinks Reception in the SoP Junior Common Room |

Please find the details below:

<https://www.ucl.ac.uk/life-sciences/events/2026/jun/spices-and-medicine-symposium-hybrid-peter-bradley-lecture-2026>



2026
Jul.
25-27

The 22nd Meeting of CGCM

Location/venue:

Taiwan

Organizer:

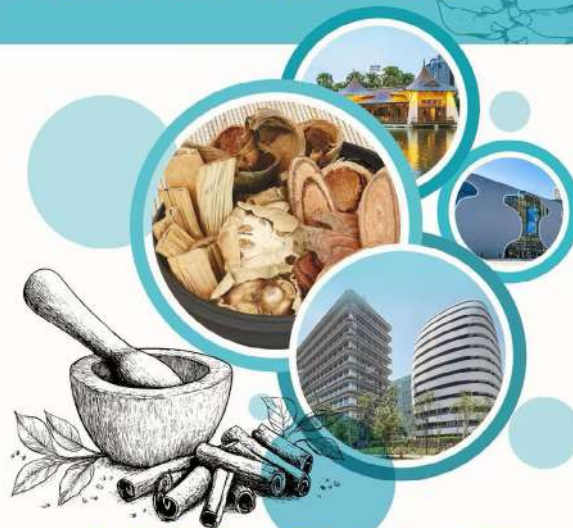
The Consortium for Globalization of Chinese Medicine
China Medical University

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

i *Journal: Frontiers in Pharmacology*



| | |
|--|---|
| 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> |

ii *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 May 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>  |

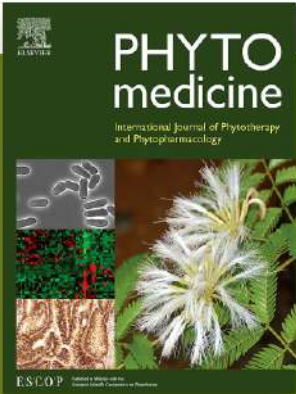
iii

Journal: *Frontiers in Pharmacology*


| | |
|------------------|---|
| Topic | Innovative approaches to authenticate multi-species traditional herbal products |
| Deadline | 30 June 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> |

iv

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) |  | Phytomedicine Supports open access | <table border="1"> <tr> <td>11.6</td> <td>8.3</td> </tr> <tr> <td>CiteScore</td> <td>Impact Factor</td> </tr> </table> | 11.6 | 8.3 | CiteScore | Impact Factor |
| 11.6 | 8.3 | | | | | | |
| CiteScore | Impact Factor | | | | | | |

v **Journal: *Frontiers in Pharmacology***

| | |
|---|---|
| Topic | The Tumor Microenvironment: Mechanisms, Challenges, and Breakthrough Therapies |
| Deadline | 22 Aug 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> |


vi **Journal: *Frontiers in Pharmacology***

| | |
|---|--|
| Topic | IV Bio.Natural-Bioactive Natural Products Research Meeting: Pharmacology Perspectives |
| Deadline | 28 Aug 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> |



vii

Journal: *Frontiers in Pharmacology*

| | |
|---|--|
| Topic | Chromatographic Techniques Using Counter-Current Separation for Medicinal Plants and Natural Products |
| Deadline | 17 September 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> |

viii

Journal: *Frontiers in Pharmacology*

| | |
|---|---|
| Topic | Integrative Omics Analysis of Clinical Trial Outcomes in Traditional Medicine: Unveiling Molecular Mechanisms and Biomarkers |
| Deadline | 23 Sep 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> |

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Journal: *Frontiers in Pharmacology*


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|---|---|
| Topic | Understanding Psychedelic and Psychoactive Molecules in Neurodegeneration – Innovative Medical Approaches |
| Deadline | 24 September 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> |

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Journal: *Frontiers in Pharmacology*


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| Topic | Pharmacokinetic Research as a Key Element in Ethnopharmacology in Order to Bridge Traditional Herbal Medicines and Evidence-Based Therapy |
| Deadline | 23 Oct 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>  |



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Journal: *Frontiers in Pharmacology*

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|---|---|
| Topic | Metabolic Dysfunction-Associated Fatty Liver Disease (MAFLD): Innovative Management Strategies Using Herbal Medicines - Volume II |
| Deadline | 31 October 2026 |
| Details | https://www.frontiersin.org/research-topics/77805/metabolic-dysfunction-associated-fatty-liver-disease-mafld-innovative-management-strategies-using-herbal-medicines—volume-ii |
| Editor(s)  | <p>Wei Peng, Professor, School of Pharmacy, Chengdu University of Traditional Chinese Medicine, Chengdu, China</p> <p>Yongmei Xie, Researcher, State Key Laboratory of Biotherapy and Cancer Center, West China Hospital, Sichuan University, Chengdu, China</p> <p>Qing Zhang, Professor, University of Michigan, Ann Arbor, United States</p> <p>Jae Woo Park, Professor, Michigan Medicine, University of Michigan, Ann Arbor, United States</p> |

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Journal: *European Journal of Pharmacology*


| | |
|---|---|
| Topic | Advances in Chinese Medicine: from Mechanism to Clinical Evidence |
| Deadline | 30 November 2026 |
| Details | https://www.sciencedirect.com/special-issue/332317/advances-in-chinese-medicine-from-mechanism-to-clinical-evidence |
| Editor(s)  | <p>Dr. Kam Wa CHAN, Hong Kong Baptist University, HKSAR, China</p> <p>Prof. Man Sau WONG, The Hong Kong Polytechnic University, HKSAR, China</p> <p>Prof. Clara Bik-San LAU, The University of Hong Kong, HKSAR, China</p> <p>Dr. Yanfang Xian, The Chinese University of Hong Kong</p> |

| | |
|---|---|
| Topic | Sustainable Sourcing in Ethnopharmacology: Integrating Biodiversity Conservation with Therapeutic Innovation |
| Deadline | 20 Dec 2026 |
| Details | https://www.frontiersin.org/research-topics/75814/sustainable-sourcing-in-ethnopharmacology-integrating-biodiversity-conservation-with-therapeutic-innovation |
| Editor(s)  | <p>Marco Leonti, Professor, University of Cagliari, Cagliari, Italy</p> <p>Vivienne L. Williams, Researcher, University of the Witwatersrand, Johannesburg, South Africa</p> <p>Roy Upton, Founder & Director, American Herbal Pharmacopoeia, Scotts Valley, United State</p> |

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| Topic | The Ethnopharmacology of Stimulants in Modern and Traditional Contexts: Research on Psychoactives between Myths and Reality |
| Deadline | 1 February 2027 |
| Details | https://www.frontiersin.org/research-topics/78676/the-ethnopharmacology-of-stimulants-in-modern-and-traditional-contexts-research-on-psychoactives-between-myths-and-reality |
| Editor(s)  | <p>Oliver Grundmann, Professor, University of Florida, Gainesville, United States</p> <p>Erin Berthold, Researcher, University of Florida, Gainesville, United States</p> <p>Darshan Singh, Professor, University of Science Malaysia (USM), Penang, Malaysia</p>  |



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Journal: *Frontiers in Pharmacology*


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|---|---|
| Topic | Genotoxicological Profiling of Ethnopharmacological Agents: Harnessing Traditional Knowledge for Safer Herbal Therapeutics |
| Deadline | 1 February 2027 |
| Details | https://www.frontiersin.org/research-topics/78584/genotoxicological-profiling-of-ethnopharmacological-agents-harnessing-traditional-knowledge-for-safer-herbal-therapeutics |
| Editor(s)  | <p>Fabio Santos, Researcher, Universidade Federal de São João del-Rei, São João del Rei, Brazil</p> <p>Raquel Alves Dos Santos, Researcher, University of Franca, Franca, Brazil</p> <p>Wilner Martinez, Researcher, Instituto de Investigaciones Biológicas Clemente Estable (IIBCE), Montevideo, Uruguay</p> |

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Journal: *Frontiers in Pharmacology*


| | |
|---|---|
| Topic | Ethnopharmacology of Ion-Channel Modulating Cardioprotective Plants |
| Deadline | 2 February 2027 |
| Details | https://www.frontiersin.org/research-topics/75990/ethnopharmacology-of-ion-channel-modulating-cardioprotective-plants |
| Editor(s)  | <p>Arquimedes Gasparotto Junior, Researcher, Federal University of Grande Dourados, Dourados, Brazil</p> <p>Emerson Lourenço, Researcher, Candido Garcia Foundation - UNIPAR, Umuarama-PR, Brazil</p>  |

| | |
|---|---|
| Topic | Underexplored Medicinal Plants — Uncovering the Mechanism behind Lesser Studied Traditional Medical Knowledge |
| Deadline | 26 March 2027 |
| Details | https://www.frontiersin.org/research-topics/78571/underexplored-medicinal-plants---uncovering-the-mechanism-behind-lesser-studied-traditional-medical-knowledge |
| Editor(s)  | <p>Marcin Równicki, Researcher, Medical University of Warsaw, Warsaw, Poland</p> <p>Vikas Kumar, Researcher, Chandigarh University, Mohali, 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.

1. 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!

- FindA PhD : <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

145 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

49 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://pmc.ncbi.nlm.nih.gov/articles/PMC8327789/>

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/>

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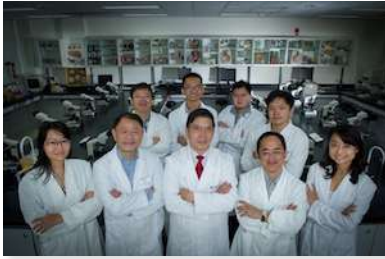
Euraxess – Belgium : Where you can find different funding opportunities for doctoral, post-doctoral, early career or internship in Belgium.

More information at _____

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

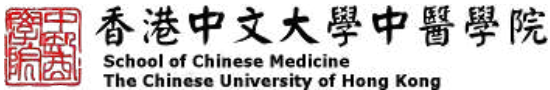


i



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>



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Journal Awards

Best PhD Thesis Award

Application deadline:
31 July 2026

[View more](#) →

Young Investigator Award

Winner announced

[View more](#) →

Best Paper Award

Winner announcement date:
30 June 2026

[View more](#) →

Editor of Distinction Award

Winner announcement date:
30 April 2026

[View more](#) →

Travel Award

Winner announced

[View more](#) →

Outstanding Reviewer Award

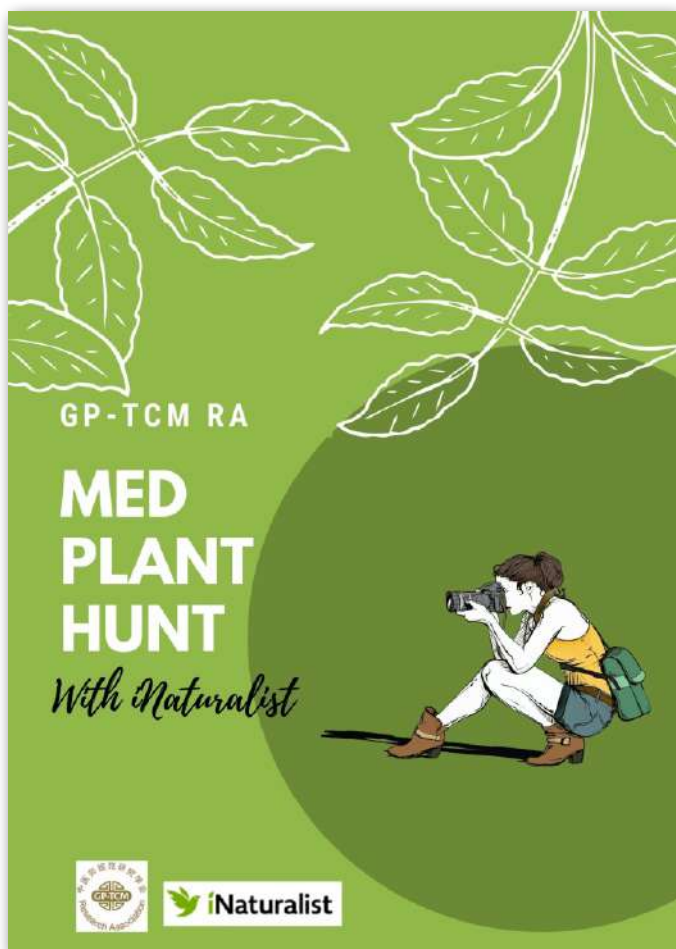
Winner announced

[View more](#) →

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

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

