



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



May-June 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".

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

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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 (May-June 2026)

Ordinary Members

Jianghong CHEN	World Journal of Traditional Chinese Medicine, China
Yang YANG	World Journal of Traditional Chinese Medicine, China
Donglei TANG	Chengdu University of Traditional Chinese Medicine, China
Jian YANG	State key Laboratory of Chinese medicine Modernization, Tianjin University of Traditional Chinese Medicine, China
Lin LI	Tianjin University of Traditional Chinese Medicine, 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
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Current Institutional Members

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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 First Plenary Meeting of ISO/TC 249/SC 1 Successfully Held in Tokyo Japan

From 31 May to 4 June 2026, the First Plenary Meeting of ISO/TC 249/SC 1 was held at TKP Garden City PREMIUM Shinagawa Takanawa-Guchi in Tokyo, Japan. The meeting brought together experts, delegates, and stakeholders from various member countries to discuss the ongoing development and harmonization of international standards related to Traditional Chinese Medicine (TCM). The venue and meeting schedule were officially announced by the Japanese organizers prior to the event. During the plenary meeting, participants reviewed and discussed several ISO standards and work items under the scope of ISO/TC 249, with particular attention to quality, safety, terminology, and technical specifications relevant to Traditional Chinese Medicine products and practices. The discussions reflected the growing international interest in establishing scientifically sound and globally recognized standards for traditional medicine, thereby facilitating international trade, regulatory cooperation, and public health protection.



The meeting marked a significant milestone for ISO/TC 249, as it was the first plenary meeting of Subcommittee 1 (SC 1) following the establishment of dedicated subcommittees for Ayurveda and Yoga in 2025. The creation of these subcommittees represents an important development in the organizational structure of ISO/TC 249, enabling a more focused and specialized approach to the standardization of traditional, complementary, and integrative medicine systems.

Delegates expressed their commitment to strengthening international collaboration and promoting consensus-based standards that support the safe and effective use of traditional medicine worldwide. The successful convening of this inaugural SC 1 plenary meeting is expected to contribute significantly to future standardization activities and to the continued advancement of traditional medicine within the ISO framework.





i Joint Guangdong-Hubei Research Team Discovers New Mechanism by which Polygonatum Polysaccharides Combat Muscle Ageing

Huangjing is a renowned tonic herb used in Wudang for health preservation. The name 'Huangjing' originates from Daoist tradition. As stated in the Compendium of Materia Medica: 'Immortals regard it as a type of reishi mushroom; as it absorbs the essence of the earth, it is thus called Huangjing'. As a traditional medicinal and dietary ingredient, the active polysaccharide components of Polygonatum have been shown to possess biological activities such as antioxidant and immunomodulatory effects; however, its specific role and molecular mechanisms in muscle ageing have yet to be systematically elucidated. Recently, a joint research team led by Professor Gao Lei from Southern Medical University and Professor Wang Xuanbin from the Renmin Hospital Affiliated to Hubei University of Medicine published a research paper titled 'Polygonatum sibiricum polysaccharide delays age-related decline and preserves muscle integrity in *Caenorhabditis elegans* by modulating the daf-2/IIS pathway' in the journal *International Journal of Biological Macromolecules* (Q1, IF 8.5). Using *Caenorhabditis elegans* as a model organism, this study provides an in-depth analysis of the anti-muscle ageing effects of Polygonatum sibiricum polysaccharides.

粤鄂联合团队发现黄精多糖抗肌肉衰老新机制

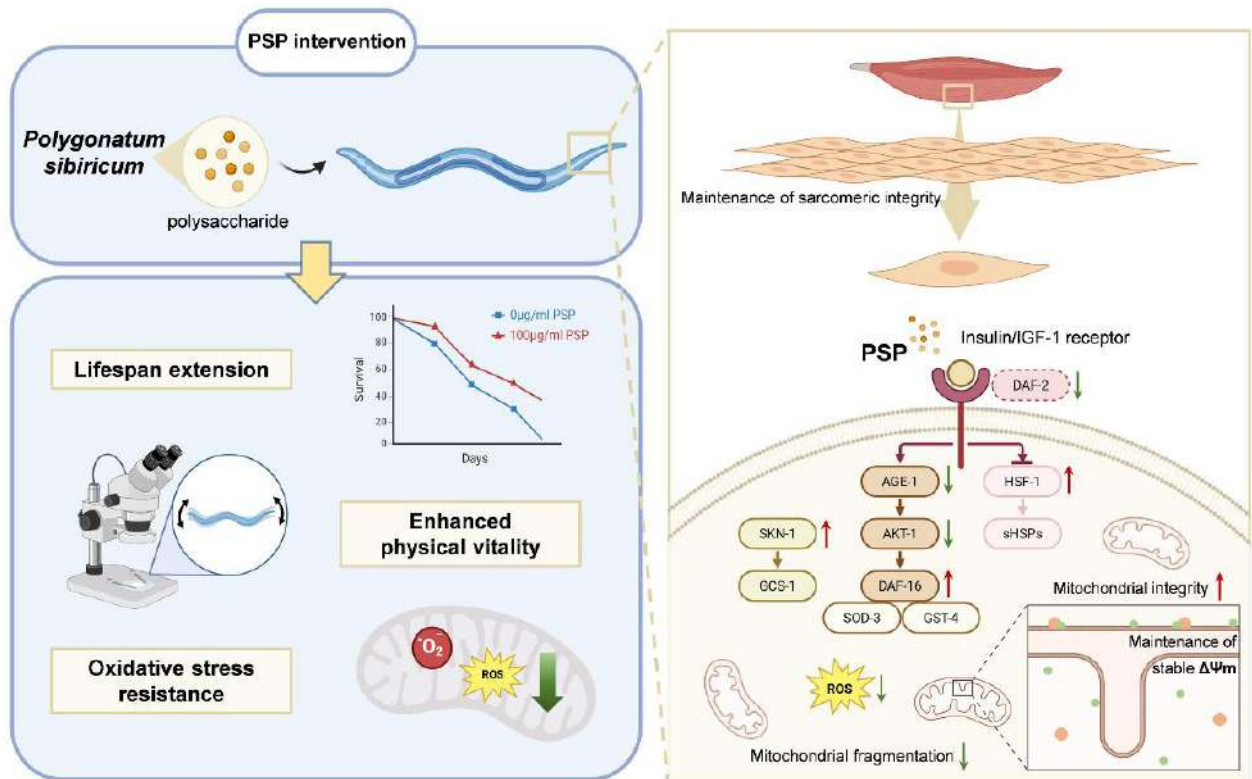
2026-05-01 9:21

黄精是武当著名的补益类养生中药。“黄精”的名称即来源于道家。《本草纲目》曰：“仙家以为芝草之类，以其得坤土之精粹，故谓之黄精”。黄精作为传统药食同源材料，其活性多糖成分已被证实具有抗氧化、免疫调节等生物活性，然而其在肌肉衰老中的具体作用及分子机制尚缺乏系统阐释。近日，南方医大高磊教授团队和湖北医药学院附属人民医院汪选斌教授团队联合在《International Journal of Biological Macromolecules》(Q1, IF 8.5) 期刊上发表题为“Polygonatum sibiricum polysaccharide delays age-related decline and preserves muscle integrity in *Caenorhabditis elegans* by modulating the daf-2/IIS pathway”的研究论文。本文以秀丽隐杆线虫为模型，对黄精多糖抗肌肉衰老进行了深入解析。

Please see link below for full article:

<https://wdcm.hbmu.edu.cn/2026/0501/c2223a164868/page.htm>

Joint Guangdong-Hubei Research Team Discovers New Mechanism by which Polygonatum Polysaccharides Combat Muscle Ageing



结果发现，①黄精多糖能够维持肌肉纤维结构完整性；定量蛋白组学分析显示，黄精多糖干预主要富集于两类功能蛋白：肌肉结构蛋白（如肌动蛋白、肌球蛋白相关组分）及氧化磷酸化相关蛋白。随年龄增长，对照线虫体壁肌肉的肌节结构出现明显断裂与排列紊乱，运动能力显著下降。而经黄精多糖处理的个体，其肌原纤维排列更为密致有序，运动能力的衰退速率显著减缓。这表明黄精多糖可在整体水平上保护衰老过程中的肌肉功能。②黄精多糖抑制 DAF-2 受体，激活保护性转录程序。黄精多糖能够调控 IIS 通路中的活性，进而激活下游转录因子。且干预后线虫的 DAF-16 入核增加。DAF-16 的核易位可以启动一系列与应激抵抗、蛋白质稳态和代谢调节相关的基因表达程序，这是黄精多糖发挥保护作用的核心分子事件。伴随 DAF-2/DAF-16 信号轴的活化，处理组线虫体内抗氧化酶系统的表达水平上调，氧化应激标志物明显减少。

为确认该信号通路的具体作用靶点，研究利用 RNAi 技术特异性沉默线虫 *daf-2* 基因。在此背景下，黄精多糖所展现的延长寿命、保护肌纤维完整及维持运动能力的效应均未呈现叠加效应。这一结果可以证实，黄精多糖延缓肌肉衰老的生理功能高度依赖 DAF-2/IIS 信号通路的调控。

**PLANeT: Understanding and leveraging the genome of land plants for a sustainable future****Cell**

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Perspective

PLANeT: Understanding and leveraging the genome of land plants for a sustainable future

Li Wang,¹ Mohamed Amar,² Carlos I. Arbizu,³ John L. Bowman,⁴ Charles H. Cannon,⁵ David J. Cantrill,⁶ Xiaofeng Cao,⁷ Shilin Chen,⁸ Xiaoya Chen,⁹ Xuemei Chen,¹⁰ Kang Chong,¹¹ Xingwang Deng,¹⁰ Weinan E,¹⁰ Hongwei Guo,¹² Chuan He,¹³ Peter Hollingsworth,¹⁴ Qing Hu,¹² Hongzhi Kong,¹¹ Ilia J. Leitch,¹⁵ Dezhu Li,¹⁶ Jiayang Li,⁷ Hongtao Liu,¹⁷ William Lucas,¹⁸ Eshchar Mizrahi,¹⁹ Mijoro Rakotoarinivo,²⁰ Hai Ren,²¹ Loren Rieseberg,²² Jue Ruan,¹ Rosa Scherson,²³

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Summary

Land plants underpin civilization and planetary health, yet their genomic diversity remains largely uncharted. Current resources are unstandardized and scarce, lacking reference genomes for 95% of genera, 70% of families, and 51% of orders, impeding evolutionary and functional insight. We thus propose the PLANeT initiative, an international effort to generate high-quality, standardized genomes across the plant tree of life. Integrating artificial intelligence (AI) with genomics, we will decode conserved principles to advance fundamental plant biology, biodiversity conservation, crop improvement, and natural product discovery. Engaging around 100 labs to train 1,000 scientists, we will tackle pivotal questions for a sustainable future.

Please see link below for full article.

[https://www.cell.com/cell/fulltext/S0092-8674\(26\)00113-3](https://www.cell.com/cell/fulltext/S0092-8674(26)00113-3)


A Systematic Review of Research on Communication in Traditional Chinese Medicine

HEALTH COMMUNICATION
<https://doi.org/10.1080/10410236.2026.2655768>

 **Routledge**
Taylor & Francis Group

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A Systematic Review of Research on Communication in Traditional Chinese Medicine

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ABSTRACT

Traditional Chinese Medicine (TCM) has garnered significant attention globally for its holistic approach to healthcare and potential benefits for various health conditions. While much research has focused on its clinical efficacy, there is growing recognition for the importance of examining communication within TCM practice to ensure delivery of patient-centered care in cross-cultural healthcare settings. This systematic review aims to fill this gap by summarizing existing research on communication in TCM. Four databases, namely Medline, Web of Science (WoS), Linguistics and Language Behavior Abstracts (LLBA), and Chinese National Knowledge Infrastructure (CNKI), were systematically searched using key terms related to “TCM” and “communication.” Articles were then screened based on predetermined criteria. Studies in English and Chinese were included if they focus on communication within TCM published in peer-reviewed journal articles. Quality of included studies was assessed through the Mixed Methods Appraisal Tool (MMAT). Due to the heterogeneity of included studies, narrative synthesis was employed to synthesize 25 included articles with 6 key themes emerged, namely (a) symmetry in TCM communication, communication strategies in TCM, relationship building, small talk and self-care, comparison and integration of TCM and Western Medicine (WM), and sociocultural factors. TCM communication emphasizes holism in the building of therapeutic relationships. Theoretically, this review deepens understanding of TCM communication and its key influences. Practically, the findings inform professional training programs that equip TCM practitioners with effective communication skills tailored to patient-centered, individualized and culturally competent care. Future research can explore TCM communication nuances at a more fine-grained level.

Please see link below for full article.

<https://doi.org/10.1080/10410236.2026.2655768>



The roles of traditional Chinese medicine within an interdisciplinary team in predominantly Western medical settings: A scoping review

Journal of Integrative Medicine 24 (2026) 65–80



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www.journals.elsevier.com/journal-of-integrative-medicine



Systematic Review

The roles of traditional Chinese medicine within an interdisciplinary team in predominantly Western medical settings: A scoping review



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School of Nursing, the Hong Kong Polytechnic University, Hong Kong Special Administrative Region 999077, China

ARTICLE INFO

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Integrative medicine
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Western medicine

ABSTRACT

Background: Traditional Chinese medicine (TCM) is increasingly recognized for its holistic approach and effectiveness. Integrated medicine, emphasizing collaboration between TCM and Western medicine (WM), is promoted globally to enhance healthcare delivery. However, the roles and responsibilities of TCM practitioners in predominantly Western medical settings are underexplored, potentially hindering their engagement in interprofessional collaboration.

Objective: This scoping review investigated the roles and responsibilities of TCM practitioners and identified facilitators and barriers to TCM integration in Western medical contexts.

Search strategy: We conducted a scoping review using data from eleven Chinese and English databases, including Cumulative Index of Nursing and Allied Health, MEDLINE, PubMed, Embase, Web of Science, Cochrane Library, PsycINFO, China National Knowledge Infrastructure, Wanfang, Chinese Scientific Journal Database, and the Chinese Science Citation Database.

Inclusion criteria: Eligibility was limited to studies on TCM practitioners in interdisciplinary teams with Western professionals, published in Chinese or English, while excluding articles that lacked documentation of TCM involvement, or focused exclusively on TCM practices.

Data extraction and analysis: Thematic analysis following Braun and Clarke's six-step framework was used to summarize data on the roles of TCM and TCM practitioners, and factors that facilitate and hinder the integration of TCM and WM.

Results: Our systematic search yielded 31 relevant papers. We identified eight key roles of TCM practitioners: mitigating WM-induced side effects, facilitating WM tapering and prevention, attenuating disease progression, improving mental health, providing pain relief, supporting stroke rehabilitation, managing symptoms, and regulating the immune system. TCM practitioners fulfill these roles through accurate diagnosis, prescription, and collaborative care while also serving as educators. Five facilitators for TCM integration were identified: safety, recognition, policy support, accessibility, and treatment guidelines. Barriers included: safety concerns, lack of research, insufficient TCM knowledge among WM practitioners, attitudinal barriers, limited access, and inconvenience.

Conclusion: Our review highlights the potential of TCM to enrich interdisciplinary teams in Western medical settings. Although there are successful integration models, significant barriers persist, including cost disparities and insufficient research. To achieve seamless integration, a multi-faceted approach that includes research collaboration, equitable policies, enhanced interprofessional education, and efforts to shift societal perceptions is essential.

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Please see link below for full article.

<https://www.sciencedirect.com/science/article/abs/pii/S2095496425001736>

iv TCMNet: an AI-driven strategy for optimizing traditional Chinese medicine

Tan et al. *Chinese Medicine* (2026) 21:106
<https://doi.org/10.1186/s13020-026-01360-w>

Chinese Medicine

RESEARCH

Open Access

TCMNet: an AI-driven strategy for optimizing traditional Chinese medicine



Shuoyan Tan^{1,2†}, Xin Shao^{1,2*†}, Xuting Zhang², Yizheng Dai^{1,2}, Boli Zhang^{3*}, Yiyu Cheng^{2*} and Xiaohui Fan^{1,2*}

Abstract

Background Artificial intelligence (AI), particularly large language models (LLMs), have provided powerful tools for systematically modeling the complexity of traditional Chinese medicine (TCM). To overcome the limitations of subjective formula design and unweighted target prioritization, we developed TCMNet, an AI-powered strategy that integrates LLM-assisted disease knowledge mining, protein–protein interaction (PPI) networks, and deep learning-based binding prediction to support herbal formula evaluation and active compounds identification.

Methods TCMNet integrates AI-guided literature analysis with weighted PPI network evaluation. Parkinson's disease (PD) was chosen as the representative case study. Disease-associated protein targets were semantically weighted using TCMChat, a TCM-specific LLM that extracts relevant targets from Chinese and English literature. Furthermore, herb-specific information data, such as composition ratios, compound abundance, and compound-protein interaction probabilities, was used to generate weighted herb-related proteins. These weights were incorporated into a PPI network to assign biological weight to each node. Four classical TCM formulas (Tianma Gouteng Decoction, Liuwei Dihuang, Qianzheng San, Dabuyin Wan), the clinically optimized Pingchan Granule (PCG), and their integrative combinations with Western medicine (Levodopa) were systematically evaluated alongside the single-herb *Ginkgo biloba*. Therapeutic relevance was assessed using network-based metrics such as target coverage, Jaccard similarity, and weighted proximity, with statistical significance measured by Z-scores. To validate key active compounds, we employed Boltz-2, a state-of-the-art deep learning method, to predict the binding probabilities between herbal compounds and prioritized PD-associated proteins.

Results Weighted proximity metrics markedly outperformed unweighted measures across all four evaluated TCM formulas, demonstrating the substantial benefit of integrating node weights. Among the evaluated formulas, Tianma Gouteng Decoction demonstrated superior performance in target coverage and network proximity, aligning well with existing literature. Computational validation on Pingchan Granule (PCG) confirmed that TCMNet successfully captures the therapeutic retention of formula optimization. Furthermore, integrative strategies combining TCM with Levodopa exhibited significantly enhanced network proximity compared to monotherapy, supporting the rationale for combined treatment. Moreover, the case study identified flavonoids and isoflavonoids from *Ginkgo biloba* as the primary bioactive constituents contributing to anti-PD activity. Boltz-2 deep learning predictions further

Please see link below for full article.

<https://link.springer.com/article/10.1186/s13020-026-01360-w>



2026
Jul.
25-27

The 22nd Meeting of CGCM

Location/venue:

Taiwan

Organizer:

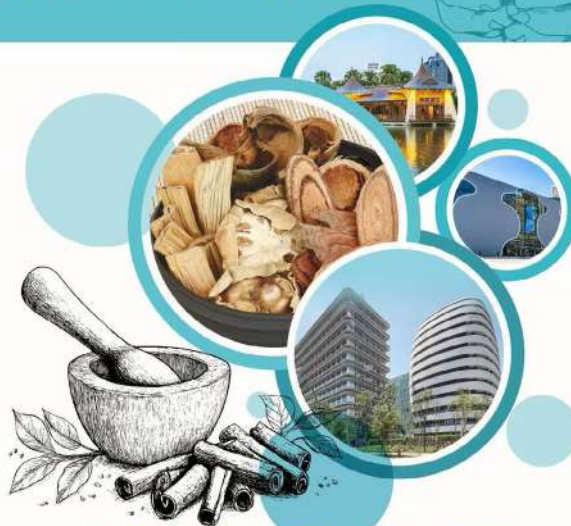
The Consortium for Globalization of Chinese Medicine
China Medical University

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	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>

ii *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>



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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>

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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	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*


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*


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*


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>

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*



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!

- 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

143 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

30 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

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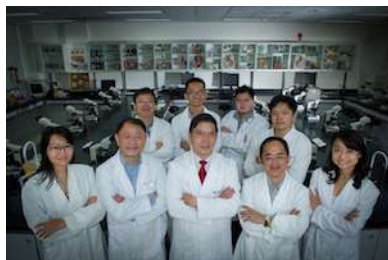
Euraxess – Belgium : Where you can find different funding opportunities for doctoral, post-doctoral, early career or internship in Belgium.

More information at _____

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



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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>



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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

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

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



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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*



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Journal Awards

Award FAQ

<p>Young Investigator Award</p> <p>Nomination deadline: 31 December 2026</p> <p>View more →</p>	<p>Travel Award</p> <p>Application deadline: 31 October 2026</p> <p>View more →</p>	<p>Best PhD Thesis Award</p> <p>Application deadline: 31 July 2026</p> <p>View more →</p>
<p>Best Paper Award</p> <p>Winner announcement date: 30 June 2026</p> <p>View more →</p>	<p>Outstanding Reviewer Award</p> <p>Winner announcement date: 31 March 2027</p> <p>View more →</p>	<p>Editor of Distinction Award</p> <p>Winner announced</p> <p>View more →</p>

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

Med Plant Hunt with iNaturalist

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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

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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

