

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

September-October 2024 Newsletter

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The September-October 2024 Newsletter of GP-TCM Research Association





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i The 13th Annual Meeting of GP-TCM RA will be held in Royal Botanic Gardens, Kew, London, UK from 24 to 27 July 2025 (see below the 1st announcement).









i Mini symposium on Prof Rudolf Bauer's retirement

On Friday, September 20, 2024, a special symposium was held at the University of Graz to mark the retirement of Prof. Rudolf Bauer. Prof. Bauer is a current member of the Board of Directors of GP-TCM RA and one of its founding members since 2012. During this symposium, Prof. Bauer gave a farewell lecture titled "Pharmacognosy – A View Back."



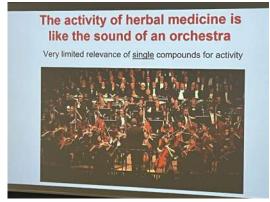
Dr. Mei Wang (President-elect) and Dr. Qihe Xu (Board member) attended the symposium in person and shared some photographs below, so you can get a sense of this fantastic event. Congratulations to Prof. Bauer on his achievements, and we wish him a joyful retirement!







Mini symposium on Prof Rudolf Bauer's retirement



















Ordinary Members			
Iffet Irem CANKAYA	Hacettepe University, Turkey		
Elaine LEUNG	University of Macau, Macau SAR, China		
Jing TANG	University of Helsinki, Finland		
Zhe WANG	China Pharmaceutical University, China		
Xiao WU	Bayer Phytomedicines Supply and Development Center, Germany		
Student Member			
Ahmed Mostafa Ibrahim Abdelrahman HASSAN	University of Macau, Macau SAR, China		





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Current Institutional Members

Chengdu University of Traditional Chinese Medicine, China	
China Medical University, Taichung, Taiwan (Department of Chinese Pharmaceutical Sciences and Chinese Medicine Resources)	THE REAL PROPERTY OF
Heilongjiang University of Chinese Medicine, China	
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Shaanxi University of Technology	A CONTRACT OF A
The University of Hong Kong, Hong Kong SAR, China (Department of Pharmacology and Pharmacy, LKS Faculty of Medicine)	
Zhejiang Chinese Medical University, China (School of Pharmaceutical Sciences)	
Zhengzhou University of Industrial Technology, China	



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The passing of academician and China's pharmacokinetics pioneer, Prof Changxiao Liu, academician of the Chinese Academy of Engineering.

痛悼! 中国工程院院士刘昌孝逝世,他致力于借现代科学之力打开中药"黑箱"

中国中医药报官方号 2024年07月25日 19:56 北京 来源 | 人民日报客户端、中国中医药报

据天津药物研究院有限公司官网消息,中国共产党党员,中国工程院院士,我国药代 动力学的开拓者和带头人,"药物成药性评价与系统转化全国重点实验室"名誉主任、 天津药物研究院终身首席科学家、名誉院长刘昌孝同志,因病医治无效,于 2024 年 7 月 25 日 3 时 20 分在北京逝世,享年 82 岁。



According to the official website of Tianjin Institute of Pharmaceutical Research (TIPR), Comrade Liu Changxiao, a member of the Communist Party of China, academician of the Chinese Academy of Engineering, pioneer and leader of pharmacokinetics in China and lifelong chief scientist and honorary dean of the TIPR, died on July 7, 2024, due to the failure of medical treatment. Comrade Liu Changxiao passed away at 3:20 on July 25, 2024 in Beijing at the age of 82 years.

Liu Changxiao is conscientious, rigorous and innovative, and for the first time put

forward the important theory of "quality markers of traditional Chinese medicine", and carried out a large number of studies, which set off a wave of research on the quality of traditional Chinese medicine throughout the country, pointed out the direction of the research on the standardization of the quality of traditional Chinese medicine, and played an important role in promoting the modernization of traditional Chinese medicine, and made outstanding contributions to the cause of China's pharmaceutical industry.



News and photo adapted from QR code above:



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Prof. Rudolf Bauer from University of Graz, Austria visited China Academy of Traditional Chinese Medicine (CATCM)

奥地利格拉茨大学教授鲍儒德到访中国中医科学院

中医科学院小喇叭 2024年09月09日 18:56 北京

为推动中国中医科学院中国 - 奥地利中医药中心建设,加强中奥双方科学家学术交流,8 月 27 日,奥地利格拉茨大学生药学系主任、中奥中医药中心奥方主任鲍儒德教授到访中国中医科学 院,并作"为什么肠道菌群对于阐释中药活性很重要"的学术讲座。部分院所外事主管领导、 相关领域专家、学生共计 100 余人参会。



In order to promote the construction of China Austria Cooperative Research Center for TCM of China Academy of Chinese Medical Sciences (CACMS) and to strengthen the academic exchanges between Chinese and Austrian scientists, Prof. Rudolf Bauer, Director of the Department of Pharmacy of the University of Graz and Director of China Austria Cooperative Research Center for TCM of CACMS, visited CACMS on August 27th and gave an academic lecture and discussed the importance of Intestinal Bacteria for the Explanation of the Activity of Traditional Chinese Medicines. The leaders in charge of foreign affairs of some institutes, experts and students in related fields, totaling more than 100 people attended the meeting.



News and photo adapted from QR code below:







A Win-Win Walts- From trade and investment, the China-Austria collaboration today encompasses science and technology, healthcare, sports and nurturing talents for the future

A Win-Win Waltz

2024-10-08 15:42:00 Source: China Today Author: staff reporter ZHOU LIN

From trade and investment, the China-Austria collaboration today encompasses science and technology, healthcare, sports and nurturing talents for the future.

Enchanting music filled the baroque-style Beijing Lafayette Castle, an upscale hotel in the Chinese capital, as the visiting Graz University Orchestra from Austria played the classic Chinese song Celebrating the Harvest. It was especially apt, given the full September harvest. The guests included Lei Fengyun, former science and technology counsellor at the Chinese embassy in Austria, who looked delighted to reunite with an old friend, Peter Riedler, president of Graz University. The two held hands tightly as they exchanged notes.

Lei had joined the Chinese embassy in Austria five years ago, where his work was facilitating cooperation on science and technology innovation and promoting talent exchange within the framework of the Sino-Austrian friendly strategic partnership. Since then, he has befriended many Austrian experts who are eager to have cooperation with the Chinese. Together with Chinese experts, they have promoted pragmatic collaboration in science, education, and talent exchange between the two countries. "People-to-people friendship is key to the relationship between countries," Lei told China Today in an exclusive interview.



The Graz University Orchestra from Austria plays the classic Chinese song Celebrating the Harvest at the Beijing Lafayette Castle on September 4, 2024.

A Healthier World with TCM

Graz University, with its history of over 400 years, is well-known in Europe. Lei has another old friend there – Rudolf Bauer, director of the Center for Traditional Chinese Medicine (TCM) Research and also director of the Institute of Pharmaceutical Sciences. Bauer is a recipient of the Chinese Government Friendship Award.

Bauer, who has a Chinese name meaning one who is moral and elegant, has a deep affection for China and its culture. He loves TCM and believes it can make greater contribution to building a healthier world. It is his aspiration to explain the effectiveness of TCM from the perspective of a Western scientist and tell the story of TCM to the world.

News and photo adapted from link below:

http://www.chinatoday.com.cn/ctenglish/2018/ln/202410/t20241008_800379679.html







China's New Employment Policies - A Major Shift for Higher Education and the Academic Community

China's New Employment Policies - A Major Shift for Higher Education and the Academic Community



Web of Jobs · Follow 5 min read · Oct 4, 2024

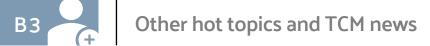
A Major Shift for Higher Education and the Academic Community

China's recent 24-point policy package to address unemployment represents a seismic shift for the country's higher education and academic communities. Announced by the <u>State Council</u> and the <u>Central Committee of the Communist</u> <u>Party of China</u>, this is the first comprehensive job creation initiative at the national level since 2012. The policies aim to tackle a growing crisis: youth unemployment, which hit an alarming 18.8% in August 2024. For universities, academic institutions, and research programs across the country, the new directives signal a clear shift in priorities, with implications for curricula, research funding, and the very fabric of China's academic landscape.

The"Red-Yellow Card"System:An Accountability Mechanism

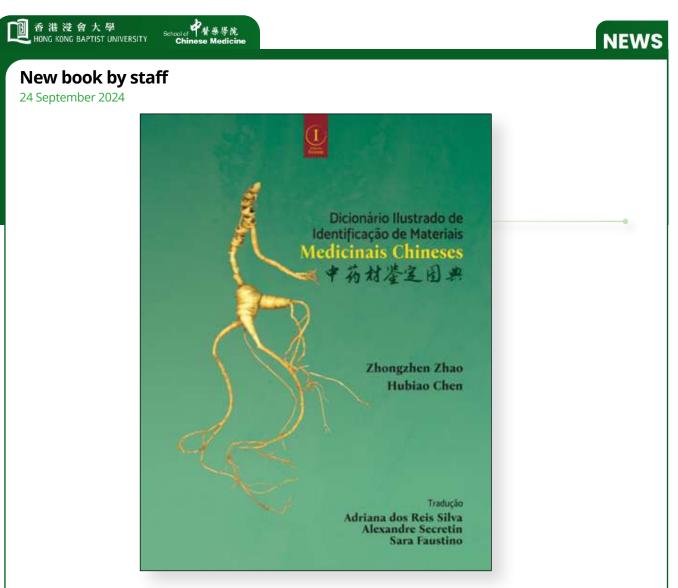
A central feature of the new policy is the introduction of a"red-yellow card"system(红黄牌提示制度),which will evaluate academic programs based on their employment outcomes. Programs with employment rates below 50% for two consecutive years will receive a"yellow card,"and those that fail to improve will be issued a"red card,"potentially leading to their suspension or closure.







New book by scholars from Hong Kong Baptist University Chinese Medicinal Identification: An Illustrated Approach (Portuguese edition)



Chinese Medicinal Identification: An Illustrated Approach (Portuguese edition)

ISBN: 978-65-87767-15-4

Editor-in-Chief: Professor Zhao Zhongzhen, Professor Emeritus and Professor Chen Hubiao, Professor of the Teaching and Research Division

Chinese Medicinal Identification: An Illustrated Approach has evolved since its first edition in 2010. Initially published in both Traditional and Simplified Chinese, this authoritative work has been translated into several languages, including English, Japanese, Korean, German, Russian, and Vietnamese, thanks to the expertise of local scholars and presses. This year, the release of the Portuguese edition further enhances its accessibility and impact within the global community, bringing the knowledge of Chinese herbal medicine to a wider audience.

> News and photo adapted from link below: https://scm.hkbu.edu.hk/en/news-and-events/news/2024/0924-new-book-by-staff.html



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Research team of Prof Fanrong LIANG from Acupuncture and Tuina School, Chengdu University of Traditional Chinese Medicine, Chengdu, Sichuan, China published an article in Annals of Internal Medicine.

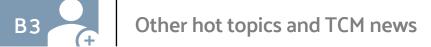
IF 19.6,顶刊《内科学年鉴》发表针灸学科研成果: 个体化针刺对慢性颈痛的长期影响

irontiers-CMCR 中医药研究前沿 2024年09月03日 13:18 美国

《内科学	华年鉴》(IF 19.2)2024年9	9月3日
	发表了一项针灸学研究结果	
«Long-Term Effects of I	ndividualized Acupunctu	re for Chronic Neck Pain : A
Ran	domized Controlled Trial	(》
Annals of Internal	Medicine [®]	Search Journal
LATEST ISSUES IN THE CLINIC FOR HOSI	PITALISTS JOURNAL CLUB MULTIMEDI	A SPECIALTY COLLECTIONS CME / MOC
LATEST ISSUES IN THE CLINIC FOR HUSI		
Original Research 3 September 2024		
Original Research 3 September 2024		ture for Chronic Neck
Original Research 3 September 2024		ture for Chronic Neck
Original Research 3 September 2024 Long-Term Effects of Inte Pain: A Randomized Contro Authors: Ling Zhao, PhD , Mingsheng Sun, Ph	blled Trial hD, Zihan Yin, PhD, Jin Cui, PhD, Ruihui War	ng, PhD, Laixi Ji, PhD, Guoyan Geng, PhD,
Original Research 3 September 2024 Long-Term Effects of Ine Pain: A Randomized Contro	Diled Trial hD, Zihan Yin, PhD, Jin Cui, PhD, Ruihui War Hui Zheng, PhD, and Fanrong Liang, MD	ng, PhD, Laixi Ji, PhD, Guoyan Geng, PhD,

News and photo adapted from link below:



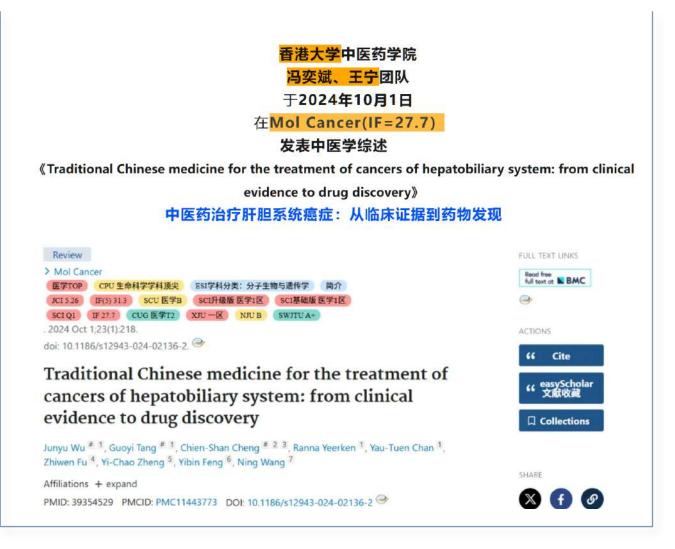




Research group of Prof Yibin Feng and Prof Ning Wang from School of Chinese Medicine, the University of Hong Kong published an article in Molecular Cancer

IF 27.7,冯奕斌、王宁团队:中医药治疗肝胆系统癌症的临床研究与药物

测 Frontiers-CMCR 中医药研究前沿 2024年10月07日 11:28 美国



News and photo adapted from link below:







ii Patients With Chronic Cough Report Relief With Semen Strychni

Patients With Chronic Cough Report Relief With Semen Strychni

Neil Osterweil October 31, 2024

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Added to Email Alert

If standard therapies don't give relief to patients with refractory cough associated with interstitial lung disease, maybe a little poison could do the trick.

Among 41 patients with idiopathic interstitial pneumonia with autoimmune features (IPAFs) who had intractable cough, treatment with the traditional Chinese medicine semen strychni was associated with a significant improvement in patient-reported outcomes, reported Mingwan Su, MD, from Guang'anmen Hospital and the China Academy of Chinese Medical Sciences in Beijing, China.

"Semen strychni is associated with reduction in cough and can be an effective drug therapy for refractory cough in association with IPAFs," she said in an oral abstract session at the American College of Chest Physicians (CHEST) 2024 Annual Meeting.

Semen strychni is derived from the dried seeds of the plant *Strychnos nux-vomica L*. Its main toxic component is strychnine, the poison said to be favored by legendary mystery writer Agatha Christie.

Semen strychni is a central nervous system agonist that has reported efficacy in the treatment of musculoskeletal and autoimmune conditions, including rheumatoid arthritis, myasthenia gravis, and amyotrophic lateral sclerosis.

The medication also has immunomodulatory properties, Su said, and is thought to have beneficial effects against cough associated with IPAFs by reducing hypersensitivity.

Case-Control Study

To test this, Su and colleagues conducted a single-center retrospective study of the effects of semen strychni on 41 patients with IPAF-associated cough who were treated with low-dose oral semen strychni 300 mg/d for 2 weeks. These patients were paired with 41 control individuals matched for age, sex, and disease course. Control individuals received standard of care therapies.

The investigators found that for the primary endpoint of a change in the visual analog scale (VAS) at 2 weeks, there was a significantly greater reduction from baseline among patients treated with semen strychni compared with control individuals, with a baseline mean VAS score of 4.9 reduced to 2.1 at the end of treatment, vs 4.6 pre- to 3.3 post-treatment for control individuals. This difference translated to an odds ratio (OR) favoring semen strychni of 0.75 (P < .001).



Patients With Chronic Cough Report Relief With Semen Strychni

In addition, the toxic compound was also associated with greater patient-reported improvement in the quality of life, as measured using the Leicester Cough Questionnaire, a 19-item scale that measures quality of life for people with chronic cough. Patients in the experimental arm had mean scores of 11.9 before treatment and 19 at the end of therapy compared with 12 and 15.1 points, respectively, among individuals in the control arm. This translated to an OR of 3.8 (P < .001) for patients on semen strychni.

The toxin appeared to be generally safe. There were no reported cases of pain, fainting, or bleeding in either study group, although there was one case of muscle twitching in the semen strychni group, Su reported.

There is evidence to suggest that semen strychni may have a calming effect on cough through action in the STAT3 pathway, considered to be a promising therapeutic target for musculoskeletal conditions, Su noted.

Not Ready for Prime Time

"My feeling is that these kinds of abstracts are welcome, but this is far from reality at this point," commented Vijay Balasubramanian, MD, clinical professor of medicine and director of the Pulmonary Hypertension Program at the University of California San Francisco.

"We need some kind of a regulated way of understanding dose characteristics and pharmacokinetics, and so it should be followed by more systematic studies," he said in an interview with *Medscape Medical News*.

Both Balasubramanian and his co-moderator Andrew R. Berman, MD, director of the Division of Pulmonary and Critical Care Medicine and Allergy and Rheumatology at Rutgers Health New Jersey Medical School in Newark, New Jersey, said that they sympathize with clinicians and their patients who seek out unusual therapies such as semen strychni.

"It's very frustrating to treat chronic cough, especially associated with fibrotic lung disease, and the extent to which researchers will go to find that one product that perhaps can make a difference is understandable," Berman told *Medscape Medical News*.

Su did not report a study funding source. Su, Balasubramanian, and Berman reported no relevant financial relationships.

Neil Osterweil, an award-winning medical journalist, is a long-standing and frequent contributor to Medscape Medical News.

News and photo adapted from link below:

https://www.medscape.com/viewarticle/patients-chronic-cough-report-relief-semen-strychni-2024a1000 jyh?form=fpfinal set of the set





Long-Term Effects of Individualized Acupuncture for Chronic Neck Pain: A Randomized Controlled Trial



Traditional Chinese medicine for the treatment of cancers of hepatobiliary system: from clinical evidence to drug discovery

Wu et al. Molecular Cancer (2024) 23:218 https://doi.org/10.1186/s12943-024-02136-2	Molecular Cancer
REVIEW Traditional Chinese medicine for the treatment of cancers of hepatol system: from clinical evidence to drug Junyu Wu ¹ , Guoyi Tang ¹ , Chien-Shan Cheng ^{2,3†} , Ranna Yeerken ¹ , Yau-Tuen Chan ¹ , Zhiwu Yi-Chao Zheng ⁵ , Yibin Feng ^{1*} and Ning Wang ^{1*}	discovery Journal: Molecular Cancer
Abstract Hepatic, biliary, and pancreatic cancer pose significant challenges in the field of digestive system highly malignant nature. Traditional Chinese medicine (TCM) has gained attention as a potentia with long-standing use in China and well-recognized clinical benefits. In this review, we system the clinical applications of TCM that have shown promising results in clinical trials in treating he creatic cancer. We highlighted several commonly used TCM therapeutics with validated efficacy clinical trials, including Huaier Granule, Huachansu, and Icaritin. The active compounds and the have been thoroughly elucidated to offer valuable insights into the potential of TCM for anti-ca We emphasized the importance of further research to bridge the gap between TCM and mode ing the development of evidence-based TCM treatment for these challenging malignancies. Keywords Chinese medicine, Liver cancer, Biliary cancer, Pancreatic cancer, Clinical trials, Drug	ial therapeutic approach matically summarized expatic, billary, and pan- cy through rigorous eir potential targets ancer drug discovery. ern oncology, facilitat-
 ¹ Jury Wu, Guoyi Tang and Chien-Shan Cheng contributed equally to this work. ¹ Correspondence: Yabin Feng yfengähkuhk Ning Wang Kwang@hkuhk Full List of author information is available at the end of the article IDE DECONOL ¹⁰ The Author(s) 2024 OpenAccess This article is licensed under a Classive Commons Attribution of parmissues arting, abstration, skithbution and reproduction in any medium or format aitorg as parmissues arting, abstration, skithbution and reproduction in any medium or format, aitorg as to the material. (Financies of the source provide a lift to the Crastive Commons Netholution of the material. (Financies of the source provide a lift to the Crastive Commons lence, and includer of the material. (Financies of the source provide a lift to the Crastive Commons lence, and includer of the material. (Financies of the source provide a lift to the Crastive Commons lence, and includer of the material. (Financies of the source) provide a lift to the clastive Commons lence and your itends regulation or concereds the pomitted use, you will need to obtain parmission directly from the copyon licence, visit http://crastive.commons.org/licenses/by/400. 	as you give appropriate credit to the hunge were made. The Hanges or ses indicated otherwise in a credit line ided use is not permitted by statutory







V Medicines from the garden - a book comment by Professor Michael Henrich

	Perspectives
Journal: Lancet Detail: https://www.thelancet.com/journals/lancet/article/ PIIS0140-6736(24)02144-5/fulltext	<text><text><text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text></text></text>





Does Acupuncture is significantly more efficacious than Sham Acupuncture for Chronic Sciatica From Herniated Disk

Journal: JAMAInternal Medicine

Detail:

DOI: 10.1001/jamainternmed.2024.5463 https://jamanetwork.com/journals/jamainternalmedicine/article-abstract/2825064

Research

JAMA Internal Medicine | Original Investigation

Acupuncture vs Sham Acupuncture for Chronic Sciatica From Herniated Disk A Randomized Clinical Trial

Jian-Feng Tu, MD, PhD; Guang Xia Shi, MD, PhD; Shi-Yan Yan, PhD; Guang Xia Ni, MD, PhD; Fang-Ting Yu, MS; Guo Wei Cai, MS; Zhi-Shun Liu, MD, PhD; Chao-Yang Ma, MS; Li-Qiong Wang, PhD; Jing Wen Yang, MD, PhD; Xiao-Qing Zhou, MD, PhD; Xiu-Li Meng, MD, PhD; Hai-Yang Fu, MD, PhD; Jing Li, MD, PhD; Wen-Jun Wan, MS; Tian-Heng Sun, MS; Xue-Zhou Wang, MS; Cun-Zhi Liu, MD, PhD

IMPORTANCE Sciatica is commonly caused by herniated lumbar disc and contributes to severe pain and prolonged disability. Although acupuncture is widely used by patients with chronic sciatica, the evidence of its efficacy is scarce.

OBJECTIVE To investigate the efficacy and safety of acupuncture compared with sham acupuncture in patients with chronic sciatica from herniated disk.

DESIGN, SETTINGS, AND PARTICIPANTS This was a multicenter 2-arm randomized clinical trial conducted in 6 tertiary-level hospitals in China of patients with chronic sciatica from herniated disk. Participants were recruited from March 25, 2021, to September 23, 2021, with a final follow-up through September 22, 2022. Data analyses were performed from December 2022 to March 2023.

INTERVENTIONS Participants were randomly assigned to receive 10 sessions of acupuncture (n = 110) or sham acupuncture (n = 110) over 4 weeks. Participants, outcome assessors, and statisticians were blinded.

MAIN OUTCOMES AND MEASURES The 2 coprimary outcomes were changes in visual analog scale (VAS) for leg pain and Oswestry Disability Index (ODI) from baseline to week 4. Secondary outcomes were adverse events.

RESULTS A total of 216 patients (mean [SD] age, 51.3 [15.2] years; 147 females [68.1%] and 69 males [31.9%]) were included in the analyses. The VAS for leg pain decreased 30.8 mm in the acupuncture group and 14.9 mm in the sham acupuncture group at week 4 (mean difference, -16.0; 95% Cl, -21.3 to -10.6; P < .001). The ODI decreased 13.0 points in the acupuncture group at 4.9 points in the sham acupuncture group at week 4 (mean difference, -81; 95% Cl, -11.1 to -51; P < .001). For both VAS and ODI, the between-group difference became apparent starting in week 2 (mean difference, -7.8; 95% Cl, -13.0 to -2.5; P = .004 and -5.3; 95% Cl, -8.4 to -2.3; P = .001, respectively) and persisted through week 52 (mean difference, -10.8; 195% Cl, -16.3 to -5.2; P < .001; and -4.8; 95% Cl, -7.8 to -1.7; P = .003, respectively). No serious adverse events occurred.

CONCLUSIONS AND RELEVANCE This randomized clinical trial found that in patients with chronic sciatica from herniated disk, acupuncture resulted in less pain and better function compared with sham acupuncture at week 4, and these benefits persisted through week 52. Acupuncture should be considered as a potential treatment option for patients with chronic sciatica from a herniated disk.

TRIAL REGISTRATION Chictr.org Identifier: ChiCTR2100044585

JAMA Intern Med. doi:10.1001/jamainternmed.2024.5463 Published online October 14, 2024. Author Affilitations: Author affiliations are listed at the end of this article.

+ Visual Abstract

Supplemental content

Editor's Note

Corresponding Author: Cun-Zhi Liu, MD, PhD, School of Acupuncture-Moxibustion and Tuina, Beijing University of Chinese Medicine, No. 11 Bei San Huan Dong Lu, Chaoyang District, Beijing 100029, China (Icz623780)@ 126.com).

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A selection of recently published papers in *Frontiers in Pharmacology*

frontiers Journal: Frontiers in Pharmacology

Modulatory effects of traditional Chinese medicines on gut microbiota and the microbiota-gut-x axis

Detail: https://www.frontiersin.org/journals/pharmacology/articles/10.3389/fphar.2024.1442854/full

Efficacy and safety of Chinese Herbal Medicines Combined with biomedicine in the Treatment of Idiopathic Membranous Nephropathy: a systematic review and network meta-analysis

Detail: https://www.frontiersin.org/journals/pharmacology/articles/10.3389/fphar.2024.1391675/abstract

The efficacy of azithromycin combined with seven types of Chinese medicine injections in the treatment of *Mycoplasma pneumoniae* pneumonia in children: a systematic review and Bayesian network meta-analysis

Detail: https://www.frontiersin.org/journals/pharmacology/articles/10.3389/fphar.2024.1378445/full

Transcriptomics-based anti-tuberculous mechanism of traditional Chinese polyherbal preparation NiuBeiXiaoHe intermediates

Detail: https://www.frontiersin.org/journals/pharmacology/articles/10.3389/fphar.2024.1415951/full

Traditional Chinese medicine for functional gastrointestinal disorders and inflammatory bowel disease: narrative review of the evidence and potential mechanisms involving the brain-gut axis

Detail: https://www.frontiersin.org/journals/pharmacology/articles/10.3389/fphar.2024.1444922/full



2024 Nov. 13

Phytochemical, Pharmacological and Clinical Evidence Scientific eSymposium

Date and Time: 13 November 2024, 09:00 – 16:15 h (CET) Location/venue: Online Organiser: Herbal Medicinal Products Platform Austria (HMPPA)

Society for Medicinal Plant and Natural Product Research (GA)

Detail: https://www.hmppa.at/saffron-esymposium/ Registation: by email to office@hmppa.at

PHYTOCHEMICAL, PHARMACOLOGICAL AND CLINICAL EVIDENCE

Scientific eSymposium

Online | November 13, 2024, 09:00 - 16:15 h (CET)

organized by Herbal Medicinal Products Platform Austria (HMPPA) Society for Medicinal Plant and Natural Product Research (GA) sponsored by Germania Pharmazeutika GesmbH, Austria Gebro Pharma GmbH

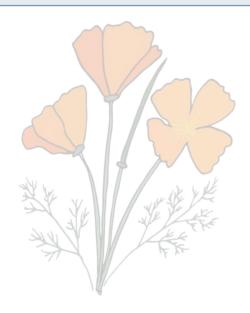








i —	Journal: Frontiers in Pharmacology 🐉 frontiers
Торіс	Traditional Medicines in the Treatment of Infectious Diseases – Challenges and advances
Deadline	Manuscript Submission Deadline 15 December 2024
Details	https://www.frontiersin.org/research-topics/63488/traditional-medicines-in- the-treatment-of-infectious-diseaseschallenges-and-advances
Editor(s)	 Shanshan Guo Professor, Institute of Chinese Materia Medica, China Academy of Chinese Medical Sciences, Beijing, China Wolf Dieter Rausch Associate Professor, University of Veterinary Medicine Vienna, Vienna, Austria Zifeng Yang Professor, Guangzhou Institute of Respiratory Health, Guangzhou, China Youhua Xu Doctorate, Macau University of Science and Technology, Taipa, Macao, SAR China

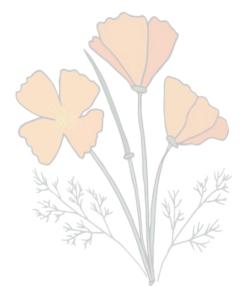






Journal: Frontiers in Pharmacology 🐉 frontiers

Торіс	Reviews in Ethnopharmacology: 2025
Deadline	Manuscript Summary Submission Deadline 18 December 2024 Manuscript Submission Deadline 07 April 2025
Details	https://www.frontiersin.org/research-topics/67022/reviews-in-ethnopharmacology-2025
Editor(s)	 Irina lelciu University of Medicine and Pharmacy Iuliu Hatieganu, Cluj-Napoca, Romania Rajeev K. Singla Assistant Professor, West China Hospital, Sichuan University, Chengdu, China Hanganu Daniela Associate Professor, University of Medicine and Pharmacy Iuliu Hatieganu, Cluj-Napoca, Romania Fabien Schultz Neubrandenburg University of Applied Sciences, Neubrandenburg, Germany & School of Pharmacy, Faculty of Life Sciences, University College London, London, United Kingdom

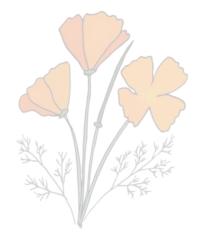








Торіс	Artificial Intelligence in Traditional Medicine Research and Application
Deadline	23 December 2024
Details	https://www.frontiersin.org/research-topics/65470/artificial-intelligence-in- traditional-medicine-research-and-application
Editor(s)	Jidong Lang Qitan Technology Co., Ltd. Beijing, China & Geneis (Beijing) Co. Ltd. Beijing, China Michael Heinrich School of Pharmacy, Faculty of Life Sciences, University College London, London, United Kingdom & Chinese Medicine Research and Development Center, China Medical University Hospital, Taichung, Taiwan Junlin Xu Hunan University, Changsha, China Taoyang Wu University of East Anglia,
	Norwich, United Kingdom Lihong Peng Hunan University of Technology, Zhuzhou, China & Chinese PLA General Hospital Beijing, China







Journal: Frontiers in Pharmacology 🐉 frontiers

Торіс	4Rs in Ethnopharmacology - Reduce, Refine, Replace and Responsibility using Animal Models
Deadline	27 December 2024
Details	https://www.frontiersin.org/research-topics/64759/4rs-in-ethnopharmacology- reduce-refine-replace-and-responsibility-using-animal-models_
۲ Editor(s)	 Michael Heinrich School of Pharmacy, Faculty of Life Sciences, University College London, London, United Kingdom & Chinese Medicine Research and Development Center, China Medical University Hospital, Taichung, Taiwan Aiping Lyu Hong Kong Baptist University, Kowloon, Hong Kong, SAR China Adolfo Andrade-Cetto National Autonomous University of Mexico, México City, Mexico Lyndy Joy McGaw University of Pretoria, Pretoria, South Africa Chuan-Teng Liu Post Doctoral Researcher, China Medical University (Taiwan), Taichung, Taiwan Xiaojuan He China Academy of Chinese Medical Sciences, Beijing, China





Journal: Frontiers in Pharmacology 🛛 🐉 frontiers

Торіс	Plant-derived Therapeutics and Traditional Medicine: Innovations, Challenges, and Opportunities in Breast Cancer Treatment	
Deadline	Manuscript Submission Deadline 31 January 2025	
Details	https://www.frontiersin.org/research-topics/62393/plant-derived-therapeutics-and- traditional-medicine-innovations-challenges-and-opportunities-in-breast-cancer- treatment	
	Xinli Liang Associate Professor, Key Laboratory of the Education Ministry for Modern TCM Preparation, Jiangxi University of Traditional Chinese Medicine, Nanchang, China	
Editor(s)	Chen Chen Professor, The University of Queensland, Brisbane, Australia	
	Le SHI Assistant Professor, Nanjing University of Chinese Medicine, Nanjing, China	

Journal: Frontiers in Pharmacology 🐉 frontiers

Торіс	The Vascular System: Effects of Traditional Medicines and Mechanism of Action
Deadline	Deadline: 24 February 2025
Details	https://www.frontiersin.org/research-topics/65996/the-vascular-system- effects-of-traditional-medicines-and-mechanism-of-action
5	Yongrui Bao School of Pharmacy, Liaoning University of Traditional Chinese Medicine, Da Lian, China Min Jiang Nankai University, Tianjin, China
Editor(s)	Tae-hoon Lee Chonnam National University, Gwangju, Republic of Korea Xu Zhao Shenyang Pharmaceutical University,
	Shenyang, China Shuai Wang School of Pharmacy, Liaoning University of Traditional Chinese Medicine, Da Lian, China



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Journal: Processes



Торіс	Special Issue "2nd Edition of Natural Products for Drug Discovery and Development"
Deadline	28 February 2025
Details	https://www.mdpi.com/journal/processes/special_issues/W6FNK2G2HH
Editor(s)	Dr. Antony Kam Dr. Shining Loo Prof. Simon Ming-Yuen Lee
an O	pen Access Journal by MDPI 2.8 2.8 2.5 5.1 5.1 5.1 5.1 5.1 5.1
Guest Editors Dr. Antony Kam, Dr. Shining Loo, Prof. Dr. Lee Simon Ming-Yuen	
28 F	ebruary 2025 Specialsue
mdp	i.com/si/212945 Invitation to submit



Visiting scholar and Master of Medicine program in Hubei University of Medicine (HBUM)

Welcome to join Prof. Xuanbin WANG's lab

About HBUM

Hubei University of Medicine, located at Shiyan in central China, is a medical school committed to nurturing healthcare professionals, integrating medicine with the disciplines of science, engineering and administration. Founded in 1965, the University has more than 120,000 alumni around the world. The university offers a wide range of programs across 18 schools covering more than 40 major areas of study. It has 1,027 full-time faculty, of whom 862 are master supervisors, 380 hold senior titles, and 215 hold doctoral degrees. It has an enrollment of 16,878 full-time undergraduate students. 1,665 postgraduate students, and 460 international students. It has the largest number of medical undergraduates in Hubei Province, and ranks Top 1 in undergraduate medical education among Hubei provincial-level universities.

The 6 affiliated hospitals are all Class A Tertiary Hospitals (the highest rating in China), with over 15,000 beds, 10 million out-patients, 0.5 million in-patients annually. Clinical Medicine is the top 3‰ in the global ESI ranking, while Pharmacology and Toxicology is the top 1%. The University has established close ties with over 30 universities and research institutions abroad in over 10 countries and regions, with program of student exchange, visiting scholars, expert lecturing, etc.

Hubei University of Medicine offers visiting research assistant (RA) and Master of Medicine (MM) programs for international students. A successful MM thesis should represent the result of the candidate's research which displays some originality and which demonstrates a sound understanding in the field of study and the appropriate research methods, and worthy of publication.



G1 🕞 Postgraduate Opportunities

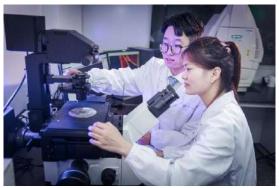


• About Prof. Xuanbin WANG's lab

Prof. Xuanbin WANG's lab, founded in 2007, focuses on Chinese medicines/natural products against diseases, especially cancers. He is also interested in Wudang Taoist folk medicine. Now, he has been granted more than 50 fundings from nation, province and university. He published 152 papers and wrote 12 books including 5 text books, such as Pharmacology of Chinese medicines (Chinese version and English version), Clinical Pharmacology (English version), Pharmacology (Chinese version), and Toxicology of Chinese Medicines (Chinese version).

To push the internationalization and modernization of Chinese medicine as well as Wudang folk medicine, Prof. Wang's group collaborate with experts from Germany, British, Belgium, Netherlands, Russia, Korea, Japan, Span, and Austria.





Scholarship and allowance

1,000 CNY per month allowance will be provided to RAs and MMs in Prof. WANG's group. RAs have priority opportunity to apply for MM as well as scholarship in the university.

Admission requirement

Bachelor's degree of Medicine, Surgery, Pharmacy, Pharmacology, Traditional Chinese medicine, and related disciplines. Chinese Language Proficiency Test: HSK3.

Research fields

Including but not limit in Pharmacy, Pharmacology, Chinese medicines and Wudang Taoist folk medicine.



Enquiries

School of International Education, HBUM Address: 30 South Renmin Road, Shiyan, Hubei Province, China. Website: <u>https://www.hbmu.edu.cn</u>

Tel/Fax: +86-719-8895160 Email: admission@hbmu.edu.cn





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!

Early Career Corner

- FindAPhD:
- PhD Portal :
- Academic Positions :
- ScholarshipDb.net:

https://www.findaphd.com/ https://www.phdportal.com/ https://academicpositions.com/jobs/position/phd https://scholarshipdb.net/

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 :

- Academia.edu :
- ORCID :

https://www.researchgate.net/ https://www.academia.edu/

https://orcid.org/



GRIEM GRIEM Storm Association

Postgraduate Opportunities

Belgium

PhD Study in Belgium – A Guide for 2024 | FindAPhD.com is a guide to understand the PhD in Belgium and to find one.

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

161 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.

• The ProtMic Research Group is hiring a full-time post-doc in the field of renewable sources of plant biostimulation and the cyanobacteria

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

Opportunities at the De Duve Institute: <u>https://www.deduveinstitute.be/fr/jobs</u>

Professor Zhu JingJing's lab which focuses on pioneering advancements in tumor immunotherapy, including novel targets, improved delivery methods, and uncovering resistance mechanisms is looking for

- 1 PhD student and 1 Post-doctoral student in immunity and cancer (4 years)
- 1 Bioinformatician (3 years)
- Professor Tyteca Donatienne's lab which studies how plasma membrane lipid distribution and biophysical properties control cell deformation in physiology and pathology is looking for
- 1 Post-doctoral student in Mechanobiology in Cancer
- Professor Charles De Smet's lab which studies the consequences and causes of genetic alterations in cancer is looking for
- 1 PhD student and 1 Postdoctoral student in Epigenetics and Proteomics.



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

52 Postdoc jobs in Switzerland - Academic Positions https://academicpositions.com/jobs/position/post-doc/country/switzerland



The ProtMic Research Group at University of Mons is looking for a full-time post-doc in the field of renewable sources of plant biostimulation and the cyanobacteria.

The PostDoc researcher will be part of an academic-research centres-industrial consortium working on a portfolio of PHENIX_Biocontrol projects aimed at developing new biostimulants or control agents. ProtMic's contribution will be to characterise the associated microbiomes using metaproteomic and metagenomic approaches, and to study and develop bioactive combinations between polysaccharides from microalgae and other types of biostimulants.

Profile and requirements

- 1. You hold a PhD degree in biology, biochemistry, bioscience engineering, agronomy or agricultural engineering, (bio)chemical engineering, or equivalent applied sciences.
- 2. You have demonstrable experience in plant biology and microbiology. Having an experience with analytical methods is a plus.
- 3. You have co-authored papers in which quantitative sustainability assessments have been performed.
- 4. You have an experience in working on plant biostimulation. Candidates with a background in and focus on technology transitions in sustainable agri-food chains and agrotechnology is appreciated.
- 5. You are the first author of papers published in journals indexed by Web of Science.
- 6. You have outstanding oral and written communication skills in English.
- 7. You have excellent interpersonal skills to collaborate constructively and respectfully with scientific team members and with BSc/MSc students.
- 8. Your research qualities are in line with the faculty and university research policies.

• We offer

- A post-doctoral scholarship for a period of one year, with the possibility of renewal (2 times) after positive evaluation.
- 2. The planned start date is October 1 st , 2024, or as soon as possible.
- 3. You will do most of your work at the sciences campus in a stimulating and flexible working environment, encouraging creativity and independent thinking, in a dynamic, and international setting.
- 4. The opportunity to build a broad national and international network of industrial and scientific partners, and to develop new personal competencies through professional training moments, courses and workshops;
- 5. 5.The possibility to tutor and co-supervise BSc, MSc and PhD students working on your research topic, and engage with colleague researchers in joint research and publication efforts.
- 6. The chance to make a difference, and personally contribute to answer to urgent societal challenges.

Interested in this vacancy ? Please send your motivational letter and your CV at Ruddy. Wattiez@umons.ac.be by August 30.

Save the dates:

Interviews will take place in two rounds, with a first short interview on 30 August 2024 (morning, CET), ideally in person, but remote attendance can be accommodated, and successful applicants will be invited for an in-depth second interview on 17 September 2024 (morning, CET), on site.





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 How Can Early Career Researchers Be More Involved With Scientific Societies? • https://www.enago.com/academy/how-can-early-career-researchers-be-more-involved-with-scientific-societies/ 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

Freely Accessible Learning Material

Online learning Platforms

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

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

(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 (<u>usegalaxy.eu</u>) 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

Online learning Platforms

AI tips and tools

Mushtaq Bilal, PhD (@MushtaqBilalPhD) / X (twitter.com) : AI tips, tutorals and tools to simplify the academic writing process.

• <u>https://twitter.com/MushtaqBilalPhD</u>

Ilya Shabanov (@Artifexx) / X (twitter.com) : The Effortless Academic: Tools, Note-Taking Strategies and AI tutorials for the modern academic.

<u>https://twitter.com/artifexx</u>

G1

Asad Naveed (@dr_asadnaveed) / X : Posts on research, academia & Al.

https://x.com/dr_asadnaveed

Dissertation Writing Service I Dissertation Coach (@drfred_phd) / X (<u>twitter.com</u>) : Provides personalized help for research proposal, article and thesis writing and posts relatable memes on PhD life.

Useful tools/databases for natural products datamining

These tools and databases can help researchers in various aspects of natural products research, including identifying active compounds, predicting activities, and visualizing pathways. Here are some primary use cases for each tool:

NP Atlas (www.npatlas.org)

- Searchable by NPC number
- Find the species of origin for a compound
- Discover known activities of a compound
- Identify compounds present in a species
- Find compounds targeting a particular target or 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

Reactome - (Home - Reactome Pathway Database)

- Visualization of metabolic pathways
- Allows identification of active substances for a disease (with pathway diagrams)
- Facilitates visualization of protein-protein interactions
- For drugs, it redirects to "Guide to Pharmacology," which contains detailed 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

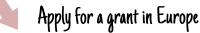




International Conferences Conference information Lots of interesting and relevant conferences to be found at these links. Top 43123 Conferences, Conference Alerts 2024-2025, Conference 2024-2025, Conferences 2024-2025 (worldconferencealerts.com) https://www.worldconferencealerts.com/ 2024 Conference Main (acupunctureresearch.org) https://www.acupunctureresearch.org/conference Home | Meghaz Meetings https://www.meghazmeetings.com/iestam-2024/ Traditional Chinese Medicine Conferences 2024/2025/2026 (conferenceindex.org https://conferenceindex.org/conferences/traditional-chinese-medicine









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

More information at

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

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

Euraxess – Belgium : Where you can find different funding opportunities for doctoral, postdoctoral, early career or internship in Belgium. More information at

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

Education program opportunities G5 1









Doctor of Philosophy (PhD) in Biomedical Sciences/ Chinese Medicine/ Translational Medicine/ Pharmacy in Chinese Medicine

School of Chinese Medicine, Hong Kong Baptist University

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







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-masterdoctoral-program/phd-in-chinese-medicine







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



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

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



IKU LKS Faculty of Medicine The University of Hong Kong 香港大學李嘉誠醫學院



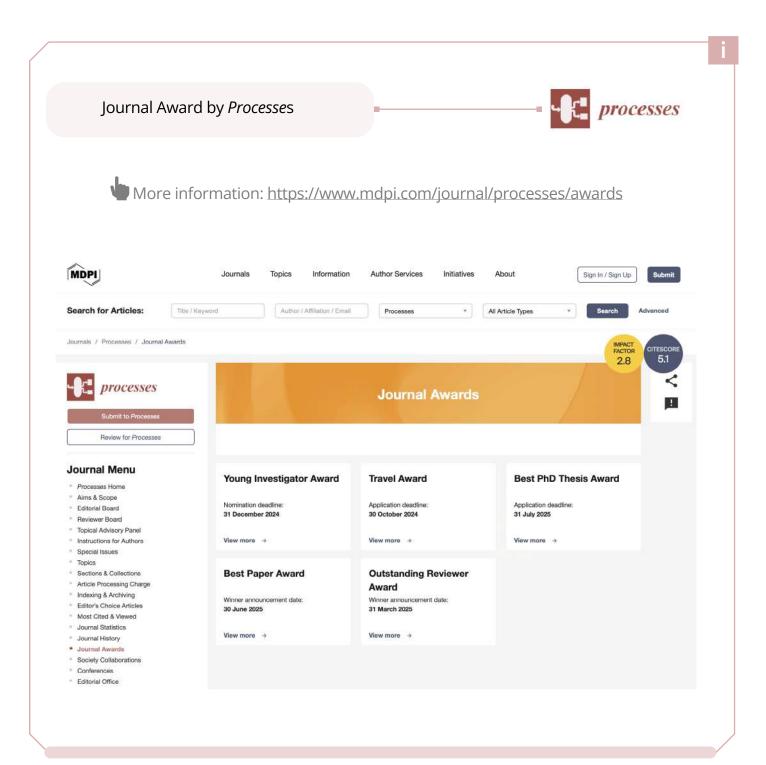
◆ 醫巣學院

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

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











Bi-monthly meme

Just me and my to do list ready to take on the day.

We include this section to add a bit of fun and relatability to the newsletter, helping to bring a lighthearted touch to our academic and professional content.



AND THE WINNER FOR THE LAST BI-MONTHLY MEME IS...



WELCOME TO PHD RIDE



Theory is when you know everything but nothing works.

Practice is when everything works but no one knows why.

In our lab, theory and practice are combined: Nothing works and no one knows why. Vote right now for the next "Bi-monthly meme" here:



Which one is your favourite?

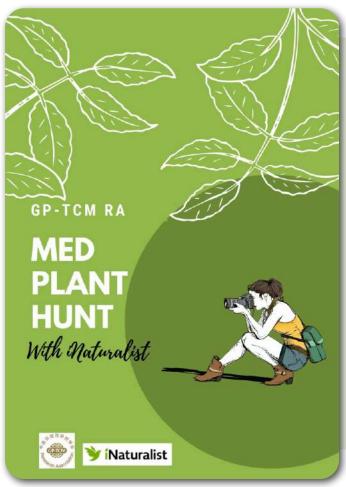


MEME 2





Med Plant Hunt with iNaturalist



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. 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.

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.



Registration form How to upload

Med Plant Hunt with iNaturalist

Prizes:



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- 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.





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)









The September-October 2024 Newsletter of GP-TCM Research Association Open-access archives since 2008: www.gp-tcm.org/news-list





Large thistle (*Cirsium japonicum*, Asteraceae, 蓟, left) and small thistle (*Cirsium setosum*, Asteraceae, 刺儿菜, right)



The dried aerial parts of *Cirsium japonicum* and *Cirsium setosum* are known as Chinese medicinal *daji* (cirsii japonici herba) and *xiaoji* (cirsii herba), respectively. Both *daji* and *xiaoji* were first appeared in the text of *Miscellaneous Records of Famous Physicians (Ming Yi Bie Lu)* of the North and South Kingdoms (420~589). They are bitter, sweet, and cool in properties, and have similar functions and indications. They cool the blood, stop bleeding, remove blood stasis, resolve toxins, and reduce abscesses. They are indicated for any kind of bleeding due to heat in the blood leading to the chaotic movement of blood, as well as for hot-toxic type sores and swellings. For example, cirsii japonici herba and cirsii herba are used together with 8 other Chinese medicinals in Ten Partially-Charred Substances Powder (*Shi Hui San*, 十灰散) for the treatment of bleeding disorders due to chaotically moving blood. Notably, cirsii herba also promotes urination and is indicated for blood in the urine and painful urinary dribbling, as in Small Thistle Drink (*Xiao Ji Yin Zi*, 小蓟饮子).

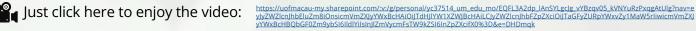
As a matter of fact, the underground parts of *Cirsium japonicum* and *Cirsium setosum* were primarily used in the ancient times, but now only the aerial parts are official in current Chinese Pharmacopeia. Attention should also be paid that *Cirsium setosum* is now treated as a synonym of *Cirsium arvense* var. *Integrifolium* according to <u>https://www.iplant.cn</u>. Relevant research revealed that medicinal materials in commerce might be adulterated with other species of *Cirsium*, and species of *Carduus* and even *Sonchus* in the same family.

蓟

林缘草地遇坡旁 茎直具棱绒见长 一朵红花头上戴 外伤止血此为良 刺儿菜

幼时耕地在田间 常遇彤花露笑妍 欲取方知头有刺 祛瘀止血食新鲜

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).







Large thistle (Cirsium japonicum, Asteraceae, 蓟, left) and small thistle (Cirsium setosum, Asteraceae, 刺儿菜, right)





https://uofmacau-my.sharepoint.com/:v:/g/personal/yc37514_um_edu_mo/EOFL3A2dp_lAnSYLgc/g_vYBzqv05_kVNYuRzPxqgAtUlg? nav=eylyZWZlcnJhbEluZm8iOnsicmVmZXJyYWxBcHAiOiJTdHJIYW1XZWJBcHAiLCJyZWZlcnJhbEZpZXciOiJTaGFyZURpYWxvZy1MaW5rli wicmVmZXJyYWxBcHBQbGF0Zm9ybSl6IIdIYiIsIŋJIZmVycmFsTW9kZSl6InZpZXcifX0%3D&e=DHDmqk

bleeding, remove blood stasis, resolve toxins, and reduce abscesses.

The above colour photographe, English muts and Chinese poems are contributed by Prof Mubiae Chen (Hong Kong), Dr Ping Gue thing Kong and Prof Jinjing Da (Sheruther), respectively. This column is advised by Prof Zhangshen Zhao Grong Kong:

The September-October 2024 Newsletter of GP-TCM Research Association



Ust click here to enjoy the video:

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Postry recitation in Mandarin

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