



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



March-April 2022 Newsletter

Editor-in-chief

Monique Simmonds
(m.simmonds@kew.org)

Executive editor

Simon Ming Yuen Lee
(SimonLee@um.edu.mo)

Consulting editor

Ping Guo
(s193231@hkbu.edu.hk)



A. GP-TCM RA updates

01

- A1 Editorials and editorial opinions/news
- A2 Letter to editor
- A3 Association updates
- A4 Member's achievements
- A5 Welcome new members
- A6 Current Corporate Members/ Institutional Members

B. Report, Story and News

04

- B1 Report
 - Regional report
 - Interest groups report
- B2 Feature story- Interview with members or TCM experts
- B3 Other hot topics and TCM news

C. Post-conference report

09

D. Recommended reading and/or recent research highlight

10

E. Upcoming events and calendar

12

F. Resources

13

- F1 Journal: call for papers
- F2 Research collaboration matching
- F3 Research funding opportunities
- F4 Career opportunities

G. Student Corner

17

- G1 Scholarship
- G2 Education program opportunities
- G3 Others

H. Public education and outreach

19

I. Chinese Materia Medica Highlights

21





- i** This year is a special year for GP-TCM RA as we are going to celebrate our 10th Anniversary! In this regards, our 10th Annual Meeting (virtual) will be held on 22-23 September 2022 (see below) and so please kindly mark your diary. More details will be announced at a later stage.





New members of GP-TCM RA (March-April 2022)

Ordinary Members

Shining Loo

Nanyang Technological University,
Singapore

Student Members

Chunli Lu

Beijing University of Chinese Medicine,
China





Chengdu University of Traditional Chinese Medicine, Chengdu, China (Pharmacy College)	
China Medical University, Taichung, Taiwan (Department of Chinese Pharmaceutical Sciences and Chinese Medicine Resources)	
Dalian Fusheng Natural Medicine Development Co. Ltd., China	
Guangdong Provincial Hospital of Chinese Medicine, China	
Heilongjiang University of Chinese Medicine, China	
Henan University of Science & Technology, China (Chemical Engineering and Pharmaceuticals College)	
Hong Kong Baptist University (School of Chinese Medicine)	
Hutchison Whampoa Guangzhou Baiyunshan Chinese Medicine Co. Ltd., China	
Infinitus (China) Company Ltd.	
PuraPharm International (H.K.) Ltd., Hong Kong	
Shanghai Hutchison Pharmaceuticals, China	
Shanghai University of Traditional Chinese Medicine, Shanghai, China (School of Pharmacy)	
Universitatea de Vest Vasile Goldis, Arad, Romania	
Zhejiang Chinese Medical University, China (School of Pharmaceutical Sciences)	
Zhengzhou University of Industrial Technology, China	

i

[NPC & CPPCC: Annual legislative and political advisory sessions: Interview]
Member of the national committee of cppcc Ma Jianzhong stated "external and internal cultivation" to improve the level of internationalization of traditional Chinese medicine.



一场疫情，让世界认识了中医药的价值，也加速了中医药走向世界的步伐。今年两会，“如何把握机遇，提升中医药国际化水平”这一议题受到全国政协委员、世界中医药学会联合会主席马建中的深切关注。

“中医药是中国的，也是世界的，要在‘内外兼修’上下足功夫，推动中医药在构建人类卫生健康共同体中发挥更大作用。”马建中说。

News and photo adapted from:



ii

[NPC & CPPCC: Annual legislative and political advisory sessions: Highlights]
Promote acupuncture and moxibustion to first-level discipline and push forward the international development of TCM

News and photo adapted from:



代表委员们建议，教育部尽快将针灸学提升为一级学科，以满足针灸学科建设、人才培养以及助力健康中国建设的需求。由教育部、科技部牵头推动，组织我国主导的“国际针灸大科学计划”，保持我国作为针灸发源地、针灸教育与研究大国的主导和领跑地位。加强对针灸国际国内标准研制的支持力度，建立针灸临床疗效的国际评价体系，加大对针灸国际交流和国际人才培养的投入力度，维护我国在国际针灸领域的话语权，保持我国引领世界针灸发展的地位。（内容来源：中国中医药报）



iii WHO international standard terminologies on traditional Chinese medicine



Home / Publications / Overview / WHO international standard terminologies on traditional Chinese medicine

WHO international standard terminologies on traditional Chinese medicine

3 March 2022 | Standards



Download (4.1 MB)




Overview

Traditional Chinese Medicine is one of the popularly applied health resources across the globe. Driven by domestic and international demands, WHO is developing benchmarking documents for training and practice of traditional Chinese medicine, and there is an urgent need to develop standard terminologies to support the development and use of these benchmarking documents as well as other traditional Chinese medicine technical materials. By setting related norms and standards, this document helps to address the issues related to terminology on traditional Chinese medicine. It offers an essential tool for traditional Chinese medicine professionals, policy-makers, health workers and the general public to use the same concepts, understanding and definitions in communications, health care services and medical records, as well as in related technical and training resources.

News and photo adapted from:



iv The UK's Medical Research Council (MRC) working group have recently released a report on sex in experimental design of animal research

  	
Working Group on Sex in Experimental Design of Animal Research Meeting Report	
Contents	
Aims	2
Membership	2
Summary of recommendations	3
Summary of discussion	4
(i) Definitions and background	4
(ii) Community perceptions	4
(iii) Current and Future Practice	5
Evaluation of Current Practice	5
Working Group recommendations about future policy	6
Accounting for sex throughout the research	7
Animal numbers, cost and 3Rs implications	7
Potential justifications for not using both sexes	8
Pilot studies	9
Messaging and communications	9
(iv) Implementation and Evaluation	10
Recommended changes to MRC application forms and resources	10
Timeline	11

Cover image credit: Brown mice at the MRC Toxicology Unit



Please click below for details:

<https://www.ukri.org/publications/sex-in-experimental-design-summary-report/>

This report supports the conclusions of some related academic publications and journal guidelines on the importance of using both sexes in animal and cellular studies.

1. Sex: A change in our guidelines to authors to ensure that this is no longer an ignored experimental variable. Docherty JR, et al. Br J Pharmacol. 2019;176:4081-6. <https://pubmed.ncbi.nlm.nih.gov/31441038/>

2. Sex bias in preclinical research and an exploration of how to change the status quo. Karp NA, Reavey N. Br J Pharmacol. 2019;176(21):4107-18. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6877896/>

MRC has announced our new expectations of the inclusion of both sexes in experimental design in research involving animals, and studies that use human and animal tissues and cells. These changes will be coming into effect in late 2022 and applying to all funding in 2023.

V Workshop on TCM intellectual property right collection held in Wudang



The online- and offline- workshop in Hubei University.



The Workshop on TCM intellectual property right collection was held at Hubei Key Laboratory of Wudang Local Chinese Medicine Research (Hubei University of Medicine) in Shiyan, Hubei Province of China on March 25, 2022. A hundred and six TCM practitioners and staff from the local TCM hospitals and healthcare administration authorities attended the online- and -offline meeting and learned how to collect and protect the TCM intellectual property rights.

TCM has been used for centuries in China, among which the discovery of artemisinin (for treating malaria) and arsenic trioxide (for treating acute promyelocytic leukemia) was referred to the ancient classic work and the folk remedy. Thus, National Administration of Traditional Chinese Medicine (NATCM) has launched a new project to collect the TCM intellectual property rights for establishing a database since 2014. The aim was to protect and exploit more folk medicine in the future. Up to date, according to Prof. Ping Wang (from Hubei University of TCM), Hubei has collected 183 TCM intellectual property rights into the database of NATCM.



It was the first time to be conducted in Shiyan, the famous Taoist folk medicine and culture center in the world.

The project includes collection of traditional diagnostic and treatment protocols, folk formulations, processing of Chinese medicines, and health preservation, and so on.

(News provided by Liang Gong, Huifan Yu and Xuanbin Wang)



Prof. Ping Wang (from Hubei University of TCM) gave a talk on the progress on the project of TCM intellectual property right collection in Hubei.

vi Guangzhou Pharmaceutical opens Macau factory, eyes on Lusophone markets



News and photo adapted from:



vii During the 2022 Plenary Session of the Council for Economic Development, Chief Executive Ho Iat Seng mentioned that the Macau SAR will aim to develop “Big Health Industry” as one of the key industries. Taking the research and manufacturing of traditional Chinese medicine as the entry point, to nurture and develop the “Big Health Industry” in Macau.

特區政府在《澳門特別行政區經濟和社會發展第二個五年規劃（2021-2025年）》提出了對大健康產業的重點工作：

+ 出告《中藥藥事活動及中成藥註冊法》

- 推動更多中藥產品在澳門註冊

+ 設立藥物監督管理局

- 負責藥物的審批、註冊和管理，進一步加強與內地相關部門的對口合作，促進中醫藥產業的健康發展。

+ 發揮“澳門中藥研發中心”的平台作用

- 不斷完善“澳門中藥研發中心”平台功能，強化協同創新機制。

+ 加大對中醫藥大健康研發的投入

- 加大對中藥質量研究國家重點實驗室的資助力度，支持實驗室開展前沿科研，以保持在區域內的優勢地位。
- 加大對大健康領域中創新藥物及轉化醫學的研發支持。

+ 通過中藥科研平台支持中醫藥大健康領域的藥物開發及成果轉化

- 推動中藥研發轉型升級，加強承接國內外製藥企業委託研發服務的能力。
- 發揮中醫藥大健康領域成果轉化平台的優勢，重點推動發展創新藥品等科研成果，尤其是以《中藥藥事活動及中成藥註冊法》為依據，推動落實中藥經典名方註冊。



News and photo adapted from:



viii

Government Information Bureau of Macao SAR reported: UM Sino-Portuguese collaborative study in Chinese medicine published by international journal.



A paper written by Lee Ming Yuen, deputy director of the Institute of Chinese Medical Sciences (ICMS), University of Macau (UM), titled 'The Importance of Cooperating with China in the Global Health System', has been published by the international journal Road to the East. Journal of Chinese-Portuguese Studies (translated from the Portuguese title Rotas a Oriente. Revista de Estudos Sino-Portugueses).

In his paper, Prof Lee points out that the Chinese medicine industry plays a vital role in the economic development of the Greater Bay Area and the moderate economic diversification of Macao. In view of this, the Macao SAR government has established the Pharmaceutical Administration Bureau and a department of Chinese medicine services and development under the bureau to provide opportunities for Chinese medicine products in Macao to expand to the Greater Bay Area and overseas markets. In addition, the development of Chinese medicine research in Macao in recent years and its role as a hub for Sino-Portuguese cooperation has demonstrated the potential of Chinese medicine to develop and become popular worldwide.

News and photo adapted from:





i

Conferências CCCM 2022: China organized by the Macau Scientific and Cultural Centre was held online from 28th March to 2nd April. On the last day of the conference, there was a “Chinese Traditional Medicine” session in which topics related to TCM education and development across China and Portugal were discussed.

Centro Científico e Cultural de Macau, L.P.
CIÊNCIA, TECNOLOGIA E ENSINO SUPERIOR

**SPRING
CONFERENCES 2022**

CHINA
2 of April

ZOOM LIVE STREAMING

**LIVE STREAMING – MORNING
SESSION**
REUNION ID:
873 4850 4140
PASSWORD:
cccm2022
[LINK](#)

**LIVE STREAMING – AFTERNOON
SESSION**
REUNION ID:
861 3451 3736
PASSWORD:
cccm2022
[LINK](#)

FCT Fundação para a Ciência e a Tecnologia
PRINCIPAL PATRON OF THE CCCM:
FUNDAÇÃO JORGE ÁLVARES

PANEL “CHINESE TRADITIONAL MEDICINE”

- 9:00 | Scientific Clues to the Mystery of Ginseng
Simon Ming Yuen Lee – University of Macau
- 9:20 | Cooperations in Chinese Medicine Education Between China and Portugal
Huang Zaiwei – Zhejiang Chinese Medical University
- 9:40 | Discussion
Chaired by Ana Cristina Alves – CCCM
- 10:00 | Pause

PANEL “CHINA AND THE PORTUGUESE-SPEAKING COUNTRIES”

- 10:05 | The Comparative Study on Higher Education with the Gender Perspective in Portugal and Macau
Lu Yuqing – City University of Macau
- 10:25 | The Portuguese-Speaking Islands Developing States and the Blue Economy
Susana She – City University of Macau
- 10:45 | Is Macau Forum a Lever for Chinese Outward Foreign Direct Investment in Portuguese Speaking Countries?
Haiyan Zhang – NEOMA Business School
José Luis de Sales Marques – Institute of European Studies of Macau
- 11:05 | Discussion
Chaired by Francisco Leandro – City University of Macau
- 11:25 | Pause

PANEL “GLOBAL CHINA”

- 11:30 | China-EU Relations in a Chinese perspective
Jiang Shixue – Shanghai University
- 11:50 | China's World Vision and its Implications for Global Governance
Weiqing Song – University of Macau
- 12:10 | China's Foreign Relations and the World
Richard Hu – University of Macau
- 12:30 | Revive the Erudite: Jesuite Cartography in the 19th and 20th century China
Yiwen Zhang – University of Fudan
- 12:50 | Discussion
Chaired by Roger Greatrex – CCCM
- 13:10 | Lunch

PANEL “ECONOMY AND INTERNATIONAL RELATIONS”

- 14:00 | Impact of Chinese Assertiveness on the Global Order
Bhawna Pokharna – Government Meera Girls College (Udaipur)
- 14:20 | CPEC and BRI: How China's Role in Pakistan and Afghanistan is Changing in Post-US Withdrawal
Qamar Cheema – National University of Modern Languages (Islamabad)
- 14:40 | Studying Global China in the South: New Wine in Old Bottles?
Chris Alden – London School of Economics and Political Science (LSE)
- 15:00 | Fragmented Power: Contemporary Chinese Governance Practices of the 21st Century Maritime Silk Road
Tabita Rosendal Ebbesen – Centre for East and South-East Asian Studies, Lund University
- 15:20 | Discussion
Chaired by Roger Greatrex – CCCM
- 15:40 | Pause

PANEL “EDUCATIONAL SYSTEM”

- 15:45 | School Market and College Chinese Student of Spanish Educational Path in Primary and Secondary Educational Level
Lin Jia and David Doncel – University of Salamanca
- 16:05 | An Analysis of Educational and Vocational Guidance from a Gender Perspective on the College Chinese Students of Spanish Culture
D. Lambea, T. Tejada – University of Salamanca
- 16:25 | An Analysis of Learning Spanish as a Human Capital Training in China
Wenxuan Gao – University of Salamanca
- 16:45 | Mobility of Chinese Students in Spain. Projects and Itineraries
Manman Wang – University of Granada
- 17:05 | Totalitarianization and Democratization of Higher Education in China
Zhidong Hao – University of Macau
- 17:25 | Discussion
Chaired by Roger Greatrex – CCCM
- 17:45 | Closing session
Carmen Amado Mendes – President of the Macau Scientific and Cultural Centre

REMARKS FOR SATURDAY:

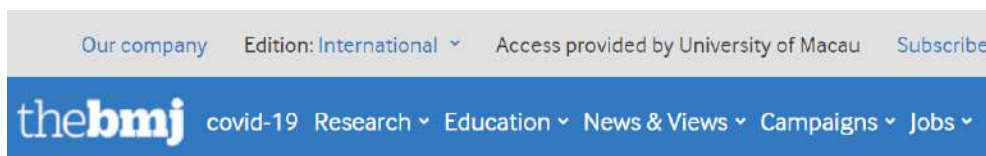
- The event on Saturday will be online only, via Zoom;
- The papers on Saturday will be presented exclusively in English, allowing the participation of those who are not fluent in Portuguese;
- The moderators will be responsible for compliance with the time allotted for each panel. Any delays in, or extensions of, individual presentations may lead to the elimination of the scheduled break between panels. This is so that the next panel can start on time. For this reason we ask for everyone's cooperation in respecting the presentation time allowed;
- Each speaker will have 20 minutes available for their presentation. The first 5 minutes should be reserved for a brief introduction to their professional background and research project(s), and the remaining 15 minutes should be dedicated to the presentation of their research topic.

Please see below for more information about the conference:

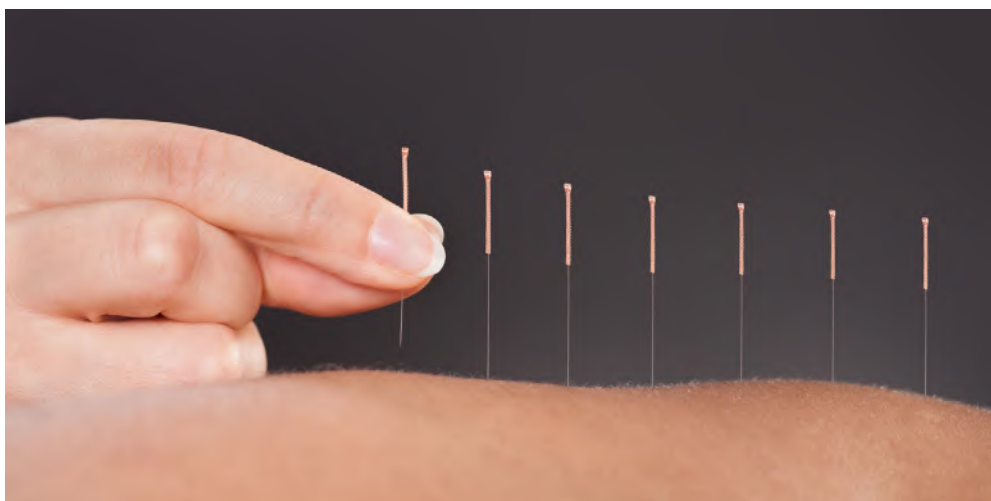
https://mcusercontent.com/11cc79ff336c93b78dcfdd0f6/files/ab03c3cf-45fa-df09-c647-3af0b8717e82/CCCM_China_Cartazes.01.pdf



The BMJ commissioned, peer reviewed, edited, and made the decision to publish a special collection entitled "Acupuncture: How to improve the evidence base". The collection comprises 6 papers, including a BMJ Open research article, entitled "Characteristics and quality of clinical practice guidelines addressing acupuncture interventions: a systematic survey of 133 guidelines and 433 acupuncture recommendations"



Acupuncture: How to improve the evidence base



Given the broad clinical application and rapid increase in funding support for acupuncture research, researchers now have additional opportunities to produce high-quality studies. However, for this to be successful, acupuncture research must address both methodological limitations and unique research challenges.

This collection of articles analyses the progress of developing high quality research studies on acupuncture, summarises the current status, and provides critical methodological guidance regarding the production of clinical evidence on randomised controlled trials, clinical practice guidelines and health economic evidence. It also assesses the number and quality of systematic reviews of acupuncture. We hope that these articles will help inform the development of clinical practice guidelines, health policy, and reimbursement decisions.



For more details, please see website below.
<https://www.bmj.com/acupuncture>

Increased global integration in the brain after psilocybin therapy for depression

Author: Richard E. Daws, Christopher Timmermann, Bruna Giribaldi, James D. Sexton, Matthew B. Wall, David Erritzoe, Leor Roseman, David Nutt and Robin Carhart-Harris.

Nature Medicine | VOL 28 | April 2022 | 844–851 |

DOI: <https://doi.org/10.1038/s41591-022-01744-z>



Details: <https://www.nature.com/articles/s41591-022-01744-z>



ARTICLES

<https://doi.org/10.1038/s41591-022-01744-z>

nature
medicine

 Check for updates

Increased global integration in the brain after psilocybin therapy for depression

Richard E. Daws^{1,2}, Christopher Timmermann^{1,3}, Bruna Giribaldi¹, James D. Sexton³, Matthew B. Wall^{4,5,6}, David Erritzoe³, Leor Roseman³, David Nutt³ and Robin Carhart-Harris^{3,7}

Psilocybin therapy shows antidepressant potential, but its therapeutic actions are not well understood. We assessed the sub-acute impact of psilocybin on brain function in two clinical trials of depression. The first was an open-label trial of orally administered psilocybin (10 mg and 25 mg, 7 d apart) in patients with treatment-resistant depression. Functional magnetic resonance imaging (fMRI) was recorded at baseline and 1 d after the 25-mg dose. Beck's depression inventory was the primary outcome measure (MR/100460X/1). The second trial was a double-blind phase II randomized controlled trial comparing psilocybin therapy with escitalopram. Patients with major depressive disorder received either 2 × 25 mg oral psilocybin, 3 weeks apart, plus 6 weeks of daily placebo ('psilocybin arm') or 2 × 1 mg oral psilocybin, 3 weeks apart, plus 6 weeks of daily escitalopram (10–20 mg) ('escitalopram arm'). fMRI was recorded at baseline and 3 weeks after the second psilocybin dose (NCT03429075). In both trials, the antidepressant response to psilocybin was rapid, sustained and correlated with decreases in fMRI brain network modularity, implying that psilocybin's antidepressant action may depend on a global increase in brain network integration. Network cartography analyses indicated that 5-HT_{2A} receptor-rich higher-order functional networks became more functionally interconnected and flexible after psilocybin treatment. The antidepressant response to escitalopram was milder and no changes in brain network organization were observed. Consistent efficacy-related brain changes, correlating with robust antidepressant effects across two studies, suggest an antidepressant mechanism for psilocybin therapy: global increases in brain network integration.

Depression is a highly prevalent mental health condition¹, the incidence of which has increased during the COVID-19 pandemic², for example, as reflected in increased prescriptions of antidepressant medications³. However, even the best-performing antidepressant drugs show modest efficacy, non-negligible side effects, discontinuation problems and high relapse rates^{4–7}, highlighting the need for new, improved treatments⁸.

Patients with a diagnosis of depression often exhibit a negative cognitive bias, characterized by pessimism, poor cognitive flexibility, rigid thought patterns and negative fixations regarding 'self' and the future^{9,10}. A number of authors have directly or indirectly taken inspiration from dynamical systems theory to describe depressive episodes as 'attractor states' (stereotyped cognitive states with 'gravitational pull'¹¹).

Neuroimaging research has consistently found examples of abnormal brain functioning in depression, resonant with its phenomenology^{12–14}. A hierarchically supraordinate intrinsic brain network¹⁵, the default mode network (DMN), is associated with introspection and self-referential thinking¹⁶. These cognitive functions are often overactive in depression¹⁷, and several studies have linked excessive engagement of DMN functioning with depressive symptomatology¹⁸.

In addition to the DMN, other higher-order brain networks such as the executive network (EN) and salience network (SN) have been implicated in depression^{14,19}. These networks are associated with 'cognitive control' and internal versus external attention switching^{18–20}. Such attentional switching is often impaired in depression²¹.

Tellingly, the serotonin 2A (5-HT_{2A}) receptor subtype, which is the key proteomic binding site of 'classic' serotonergic psychedelic drugs, such as psilocybin²², is most densely expressed in a broad pattern of cortex that closely resembles a conjunction map of the DMN, EN and SN²³, corresponding to the transmodal portion of the brain's principal hierarchical gradient²⁴.

In the last 15 years, at least six separate clinical trials have reported impressive improvements in depressive symptoms with psilocybin therapy²⁵. Included among these studies are (1) an open-label trial in treatment-resistant depression²⁶ and (2) a double-blind, randomized controlled trial (DB-RCT) with an active comparator, the selective serotonin reuptake inhibitor (SSRI) and conventional antidepressant, escitalopram²⁷. These two trials, which included pre-treatment and post-treatment fMRI, are the focus of this paper's analyses.

The therapeutic action of psilocybin and related psychedelics is incompletely understood; however, one model proposes that psychedelics cause a 5-HT_{2A} receptor-induced dysregulation of spontaneous population-level neuronal activity, linked to a temporary 'disintegration' of intrinsic functional brain networks²⁷ and a hypothesized decrease in the precision-weighting of predictive models encoded (at least in part) by the integrity of functional modules²⁸. One important corollary of modular 'disintegration' seems to be the broadening of the brain's functional repertoire of states, commensurate with a broader or flatter global energy landscape²⁹.

Here we hypothesize that the well-replicated finding of brain network disintegration and desegregation under psychedelics^{30,31}

¹The Computational, Cognitive and Clinical Neuroimaging Laboratory (C3NL), Imperial College London, London, UK; ²Centre for Neuroimaging Sciences, Kings College London, London, UK; ³Centre for Psychedelic Research, Division of Academic Psychiatry, Imperial College London, London, UK; ⁴Inwico London, Hammersmith Hospital, London, UK; ⁵Department of Metabolism, Digestion and Reproduction, Faculty of Medicine, Imperial College London, London, UK; ⁶Clinical Psychopharmacology Unit, University College London, London, UK; ⁷Psychodetics Division, Neuroscape, Department of Neurology, University of California, San Francisco, CA, USA. ✉e-mail: richard.daws@iccl.ac.uk





10th GP-TCM RA Annual Meeting (Virtual)

2021
Sep.

Date: 22-23/09/2022

Details to be announced





Topic	Special Issue "Natural Products for Drug Discovery and Development"
Deadline	20-November-2022
Details	https://www.mdpi.com/journal/processes/special_issues/Natural_Drug
 Editor(s)	<p>Antony Kam, Nanyang Technological University, Singapore</p> <p>Shining Loo, Nanyang Technological University, Singapore</p> <p>Simon Ming-Yuen Lee, University of Macau, Macao, China</p> 





AMM Journal



Acta Materia Medica
A gold open access journal

Online ISSN: 2737-7946

Acta Materia Medica (eISSN 2737-7946) provides an open platform for rapid publication of the latest findings, approaches, and viewpoints related to all related areas of pharmacy and pharmaceutical sciences, including, but are not limited to, pharmacology, toxicology, pharmaceuticals, medicinal chemistry, natural products, pharmacognosy, pharmaceutical analysis, pharmacokinetics, clinical pharmacy, pharmacoepidemiology, pharmacoeconomics and pharmacy management.



Article types accepted

- Research articles
- Review articles
- Databases
- Mini reviews
- Commentaries
- Editorials
- Short communications
- Case report articles
- Study protocols.

Why publish with *Acta Materia Medica*?

- **No** Author submission or article processing charges.
- Author retains the copyright to their article.
- Fast peer review.
- Fast publication online after article acceptance.
- Professional/global marketing/promotion of your articles.
- Author profile and research group promotion via Twitter, Facebook, WeChat and Weibo.

Submissions	Articles can be submitted to <i>Acta Materia Medica</i> using ScholarOne, the online submission and peer review system. Registration and access are available at https://mc04.manuscriptcentral.com/ammed
Editorial Board	https://amm-journal.org/index.php/editorial-board/
Queries	Any enquiries about the journal can be sent to editorialoffice@amm-journal.org

For more information about the journal, including article submission guidelines and how to register for free content-alerting services, please visit: <https://amm-journal.org/>
Acta Materia Medica is now open for submissions via ScholarOne (<https://mc04.manuscriptcentral.com/ammed>).

There are **no** author submission or article processing fees.

Please visit <https://amm-journal.org/> to learn more about the journal.

Editorial Board: <https://amm-journal.org/index.php/editorial-board/>

Twitter: @AMM_journal



i

High-level or Young Talents with Overseas Work Experience in 2022

Institute of Chinese Materia Medica, China Academy of Chinese Medical Sciences (ICCM,CACMS) is seeking 1-2 high-level or young talents with overseas work experience in accordance with various 2022 National Talent Programs to promote the sound development of talents and disciplines.



Details: <http://www.icmm.ac.cn/Article/tzgg/2022/03/03/2440.html>

Details in English: https://uofmacau-my.sharepoint.com/:f/g/personal/jesskuok_umac_mo/EkR-cgGr-HZPizDKNpOGQ7oB2KYviavj-u3C4H1De6m_JQ?e=Ay7SoD



澳門大學
UNIVERSIDADE DE MACAU
UNIVERSITY OF MACAU

ii

UM Macao Fellow in Chinese Medical Sciences
University of Macau, China



Details: https://career.admo.um.edu.mo/icms_mf_04_2022/

iii

Associate/Assistant Professor, Chinese Medicinal Science,
University of Macau, China.



Details: https://career.admo.um.edu.mo/icms_aap_06_2021/





香港大學
THE UNIVERSITY OF HONG KONG

iv

Tenure-Track Associate Professor/Assistant Professor, School of Chinese Medicine
Hong Kong University



Details: <https://jobs.hku.hk/cw/en/job/508959/tenuretrack-associate-professorassistant-professor>



香港浸會大學
HONG KONG BAPTIST UNIVERSITY

v

Post-Doctoral Research Fellow, Centre for Chinese Herbal Medicine Drug
Development, School of Chinese Medicine
Hong Kong Baptist University



Details: https://hro.hkbu.edu.hk/index.php?page_id=6&job_id=6206&f=job_details

vi

Post-Doctoral Research Fellow (Clinical Research), Centre for Chinese Herbal
Medicine Drug Development, School of Chinese Medicine
Hong Kong Baptist University



Details: https://hro.hkbu.edu.hk/index.php?page_id=6&job_id=5925&f=job_details

vii

Post-Doctoral Research Fellow (Bioinformatics), Centre for Chinese Herbal
Medicine Drug Development, School of Chinese Medicine
Hong Kong Baptist University



Details: https://hro.hkbu.edu.hk/index.php?page_id=6&job_id=5923&f=job_details

viii

Post-Doctoral Research Fellow (CMC or Basic Science), Centre for Chinese
Herbal Medicine Drug Development, School of Chinese Medicine
Hong Kong Baptist University



Details: https://hro.hkbu.edu.hk/index.php?page_id=6&job_id=5924&f=job_details



i

Government of Ireland Postgraduate Scholarship Programme



Details: <https://research.ie/funding-category/postgraduate/>

ii

Government of Ireland Postdoctoral Fellowship Programme



Details: <https://research.ie/funding-category/postdoctoral/>



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

iii

China Scholarship Council (CSC) – Trinity College Dublin Joint Scholarship Programme



Details: <https://www.tcd.ie/study/international/scholarships/Postgraduate/csc.php>





香港中文大學中醫學院

School of Chinese Medicine
The Chinese University of Hong Kong



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>

i



香港浸會大學
HONG KONG BAPTIST UNIVERSITY

School of 中醫藥學院
Chinese Medicine



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_programmes/index.html#list/0

ii



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



中醫藥學院



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



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

iii



澳門大學
UNIVERSIDADE DE MACAU
UNIVERSITY OF MACAU



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



Doctoral Degree in Biomedical Science
Institute of Chinese Medical Sciences, University of Macau

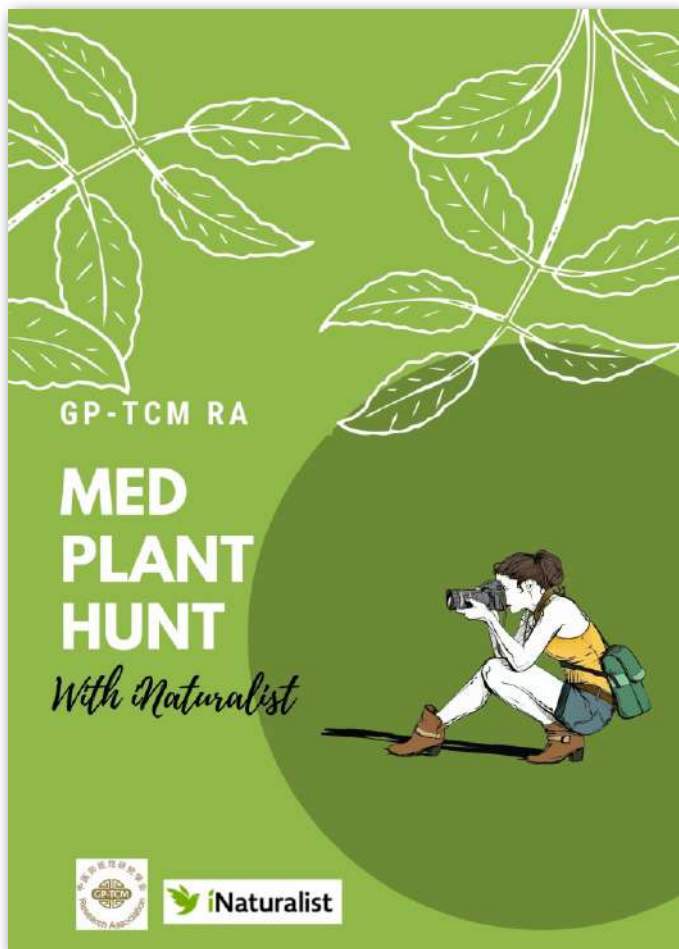


Details: <https://sklqrcm.um.edu.mo/doctoral-degree-in-biomedical-science/>

iv

Med Plant Hunt with iNaturalist

i



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

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

Eligibility:

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

Entries must abide by the guidelines below.

Rules & Guidelines:

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

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

How to enter:

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



How to join



Registration form



How to upload

For inquiries about Med Plant Hunt, please send email to

gptcm_medplanthunt@outlook.com



Med Plant Hunt with iNaturalist

i

Prizes:

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



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



澳門藥理協會

MED PLANT HUNT

With iNaturalist

Med Plant Hunt Registration Form

Name:

Email:

Affiliation:

Country or region:

iNaturalist account information

User name:

User email:

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



Online registration



How to join



Registration form



How to upload



Greenbrier (*Smilax china*, Smilacaceae, 菝葜, left)
and glabrous greenbrier (*Smilax glabra*, Smilacaceae, 土茯苓, right)



Greenbrier is a sparsely spiny, woody perennial vine. Known as Chinese medicinal *baqia* (*smilacis chinae* rhizoma), the dried rhizome resolves turbid dampness, dispels wind-dampness, resolves toxicity, and disperses stasis. It is indicated for strangury manifested as cloudy urine, vaginal discharge, painful obstruction, sores and swellings.

Glabrous greenbrier is a thornless, woody perennial vine. Known as Chinese medicinal *tufuling* (*smilacis glabrae* rhizoma), the dried rhizome resolves toxicity, benefits the joints, and removes damp-heat. It was indicated for pain and spasm of limbs due to syphilis associated mercury poisoning, because syphilis was commonly treated with mercury-based ointments and fumigations in ancient times. Nowadays, *smilacis glabrae* rhizoma is mainly indicated for damp-heat urinary dribbling, vaginal discharge, sores and swellings.

Greenbrier and glabrous greenbrier are globally known under the commercial name of "China root". Together with its American substitute, "sarsaparilla (洋菝葜)", they once enjoyed a high reputation in the treatment of syphilis. As a matter of fact, China root and sarsaparilla may refer to many different species from the genus *Smilax* and beyond. Nevertheless, plants from *Smilax* are still useful botanical resource for pharmaceutical, food, and wine industries.

菝葜

攀援灌木刺疏生
卵叶伞花随意行
若是疾存频作饮
时闻近处水流声

土茯苓

攀援灌木身光滑
叶底常生绿白花
若是人间无苦痛
山坡荒地怎为家

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).



Just click here to enjoy the video: https://uofmacau-my.sharepoint.com/:v/g/personal/jesskuok_umac_mo/EZd2zz53E0dJlul4jL7i7bkB_dSu2L44sDNCGrVAUEnzKg?e=NTAzux



Greenbrier (*Smilax china*, Smilacaceae, 菝葜, left)
and glabrous greenbrier (*Smilax glabra*, Smilacaceae, 土茯苓, right)



The March-April 2022 Newsletter of GP-TCM Research Association

Chinese Materia Medica Highlights



Just click here to enjoy the video: https://uofmacau-my.sharepoint.com/:v/g/personal/jesskuok_umac_mo/EZd2zz53E0dJlul4jL7i7bkB_dSu2L44sDNCGrVAUEnzKg?e=NTAzux

