

The April 2019 Newsletter of The GP-TCM Research Association



NEW Editorial

A Decade of GP-TCM and GP-TCM RA



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2019 is the 10th and 7th anniversary of the FP7 GP-TCM Project and the GP-TCM RA, respectively. The group photo of the GP-TCM Kick-off Meeting (Beijing, 11-13 Jan. 2009) reminds of whom I have missed dearly and who are luckily still alive and fighting on: <http://www.gp-tcm.org/project-archive/>

In May 2012, upon conclusion of the FP7 GP-TCM project at the GP-TCM Congress in Leiden, the GP-TCM RA was launched to carry on the missions of GP-TCM. The group photo of attendees of the first GP-TCM RA Board Meeting reminds me that, despite all the difficulties, all these GP-TCM RA founders are still working very closely together. We treasure our friendship and believe in the value of TCM and the objectives of GP-TCM RA: <http://www.gp-tcm.org/2012/04/about-association/>



Photos of the GP-TCM Kick-off Meeting in 2009 (Left) and Founding BoD of the GP-TCM RA (Right)

Under the presidency of Prof Rudolf Bauer, Tai-Ping Fan, De-an Guo and Aiping Lu, we have continued to bring in new blood. We take pride in ourselves as a charity registered in the UK (Charity no. 1153356), an Interested Party of the European Medicines Agency and an international society dedicated to good practice in TCM research and EU-China collaboration.

GP-TCM and GP-TCM RA colleagues have published widely to promote TCM research, among which the *J Ethnopharmacol* special issue published in 2012 and the three-part *Science* special features published in 2014-2015 represented the best milestones in TCM research, all widely cited.

<https://www.sciencedirect.com/journal/journal-of-ethnopharmacology/vol/140>

<https://science.sciencemag.org/content/346/6216/1569.4>

<https://science.sciencemag.org/content/347/6219/337.3>

<https://science.sciencemag.org/content/350/6262/871.3>

Under the presidency of Professor De-an Guo, *WJTCM* has become the official journal of the GP-TCM RA. We aim to work along with our partners, in particular World Federation of Chinese Medicine Societies, our editors and reviewers, to make it a world-leading brand.

<http://www.wjtcn.net/currentissue.asp?sabs=n>



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We serve our members and promote dissemination of state of the art and good practice through our newsletters. So far, we have published open-access continuously for more than 10 years. <http://www.gp-tcm.org/news-list/>

Where are we going? Our President Prof Aiping Lu has made it clear: serving members whole-heartedly, focusing on “Real Good Practice in TCM” and supporting activities of our six Interest Groups:

<http://www.gp-tcm.org/wp-content/uploads/2019/01/Jan-2019-GP-TCM-RANL-CNY-Special-Edition.pdf>
<http://www.gp-tcm.org/work-packages/>



Interest Groups on Quality, Tox/Pharm, Clinical Studies, Regulation, Acupuncture and Publication

Our annual meetings in Shanghai, Graz, Nanjing, Mons, Hong Kong and London have been unforgettable, fruitful gatherings and important milestones. So will be the 7th and 8th GP-TCM RA Annual Meetings to be held in South Korea and Lithuania in July 2019 and 2020. Accepted abstracts for the 7th Annual Meeting will be published in WJTCM and please kindly accept this as **the final reminder for abstract submission and online registration**.

You can expect friendly hosts, a beautiful meeting venue (right), a fantastic meeting programme and an unmissable exchange opportunity.

In a recent *Lancet* editorial entitled *China's research renaissance* (*Lancet* 2019;393:1385), “traditional treatments” was emphasised as one of China’s three strengths of great importance to healthcare. It emphasises that, to avoid isolation, catalyse innovation and facilitate patient care, “it is vital to dismantle barriers”.

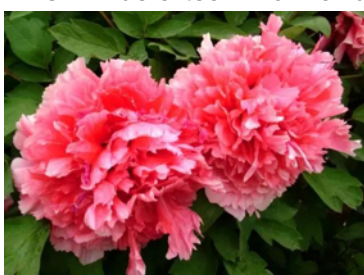


[https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(19\)30797-4/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(19)30797-4/fulltext)

At GP-TCM RA, we emphasise the three “I” principles, i.e. integrity, integration and innovation, as we have laid out in our white paper *The Quest for Modernisation of Traditional Chinese Medicine* (*BMC Complement Altern Med* 2013;13:132). We believe that, through marrying TCM and the three “I” principles, we will be able to bring out the best potential of TCM to forge tomorrow’s medicine.

<https://bmccomplementalternmed.biomedcentral.com/articles/10.1186/1472-6882-13-132>

This will be a teamwork and an epic journey, in which the next milestone will be the forthcoming 7th GP-TCM RA Annual Meeting. You are kindly invited to submit abstracts and register online. **Deadline for abstracts is 30th April 2019**. Submission of later breakthroughs in clinical and experimental studies may be considered. Should you need any advice, please contact our Secretariat: gptcmrasetariat@gmail.com



After all, please submit your abstracts and register online here:

<http://www.gp-tcm.org/event/7thannualmeeting/>

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Special Features

1. WJTCM Chooses the Chinese Medicine Culture Tree as Cover Image for the First Issue of the Year 2019.

World Journal of Traditional Chinese Medicine (WJTCM) has chosen the Chinese Medicine Culture Tree, designed by Professor Zhongzhen Zhao, Chair Professor and Associate Dean of the School of Chinese Medicine, Hong Kong Baptist University, as the cover image of issue 1, volume 5, 2019. Chinese medicine is rooted in the fertile soil of China with thousands of years of clinical practice and experience. Its traditional texts and modern research have gradually allowed Chinese medicine to grow into a large tree, standing firm within the forest of traditional medicine. Bearing many fruits that gradually mature, the tree of Chinese medicine grows constantly, and the theory of Chinese medicine develops further with every passing day. This tree aims to explore the cultural influences, contributing to the philosophy and practice of TCM.

WJTCM is a quarterly, peer-reviewed open-access journal sponsored by the World Federation of Chinese Medicine Societies and is the official journal of GP-TCM RA.



2. Call For Evidence: Future Frameworks for International Collaboration on Research and Innovation.

Professor Sir Adrian Smith has launched a call for evidence on "Future frameworks for international collaboration on research and innovation". **The deadline for responses is 24 May 2019** and responses are welcome from individuals as well as from organisations. Professor Sir Adrian has been commissioned by Chris Skidmore, Minister of State for Universities and Science to provide independent advice to UK government on the design of future UK funding schemes for international collaboration, innovation and research. Sir Adrian will be supported by Professor Graeme Reid from University College London, and the advice team will hold evidence gathering meetings across the UK. Professor Sir Adrian's advice will help to inform the UK government with regards to the upcoming spending review and the longer-term value-for-money considerations on international collaboration for research and innovation.

As set out in the Terms of Reference, Professor Sir Adrian will advise on:

- The design and delivery of elements of the potential alternatives to Horizon Europe association;
- How funding mechanisms, resources, and international partnerships can remain fit for purpose and support our International Research and Innovation strategies; and
- How international collaboration can best support the Government's Industrial Strategy.

There are six areas of interest, which include:

- Methods by which new funding arrangements can support research discovers through international collaboration, attract researchers to the UK and increase R&D investment;
- Understanding the optimum balance between international collaboration, overseas development assistance, support for individual researchers, blue-skies research, innovation, impact, and research infrastructure as well as the different research and innovation domains;
- The roles of government, UKRI, National Academies and other organizations in defining the agenda for international collaboration and administering any new funding arrangements;
- Evidence on the efficiency and effectiveness of funding for international collaborations; and
- Methods and timescales for introducing any new funding arrangements, including the development of new international peer review systems and funding.

[https://www.gov.uk/government/consultations/future-frameworks-for-international-collaboration-on-research-and-innovation-call-for-evidence?utm](https://www.gov.uk/government/consultations/future-frameworks-for-international-collaboration-on-research-and-innovation-call-for-evidence?utm_source=twitter&utm_medium=referral)
<https://www.gov.uk/government/publications/future-frameworks-for-international-collaboration-on-research-and-innovation-independent-advice>



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Your editor Dr Qihe Xu submitted his recommendations on 25th April, as follows.

“Dear Prof Sir Adrian,

I am writing you as the PI of the FP7 GP-TCM consortium (2009-2012), an EU-China collaboration funded by the EU aiming to coordinate action in research and development in the field of modernisation of traditional Chinese medicine (TCM).

The FP7 project involved more than 200 scientists, 100 institutions and companies, and half EU member states.

As a summary to more than 100 official deliverable reports and tens of academic publications, the project's conclusion is "Modern medicine can learn from traditional practices":

<https://cordis.europa.eu/project/rcn/90960/brief/en>

The FP7 project has proposed that TCM should be a priority in the Health scheme in future EU-China collaboration and has led to the establishment of the GP-TCM Research Association, a charity registered in the UK, an Interested Party of the European Medicines Agency and an international society, which continues the mission of the FP7 project since 2012: <http://www.gp-tcm.org/>

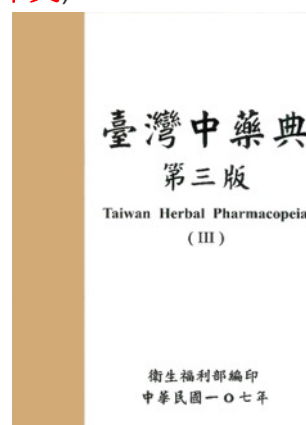
Due to the European financial crisis and disruption caused by Brexit, however, unfortunately no follow-up funding is in place in the area of TCM. Neither in the EU nor the UK.

TCM is an integral part of mainstream higher education, healthcare and R&D in China, and it is also of great international interest, given its worldwide use, potential impact on healthcare and opportunities for new drug development.

I believe that prioritising collaboration with China in the field of TCM is not only indispensable for truly engaged collaboration with China in the field of medical and pharmaceutical sciences, and in healthcare, it will also prove highly rewarding, by enabling wisdoms from the East to catalyse innovation and inspire tomorrow's medicine.

I hope the post-Brexit UK takes a lead in this endeavour.”

3. The 3rd Taiwan Herbal Pharmacopeia (THP) was promulgated in December 2018 and will be implemented on June 1, 2019. The new THP covers 355 monographs on TCM herbs and two monographs of extracted TCM granule preparations. The quality specifications were also greatly enhanced. The pdf file of the 3rd THP can be freely downloaded here: <https://dep.mohw.gov.tw/DOCMAP/cp-759-45746-108.html> (中文)



Left: Editorial committee members of THP (III); right: Cover page of THP (III)

4. China Center for Evidence-Based Traditional Chinese Medicine Founded in Beijing. Located in China Academy of Traditional Chinese Medical Science, this centre was founded on 12th March 2019. Margaret Chan, former director-general of WHO, attended the opening ceremony and delivered an opening remark. Among invited attendees include Senior Members of the GP-TCM RA

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including Prof. Jianping Liu, Dean of Basic Medical College, Beijing University of Chinese Medicine, and Co-Chair of the Acupuncture Interest Group.

5. International Huangdi Neijing Research Academy founded in Shanghai, 1 April 2019:
<https://mp.weixin.qq.com/s/-xV0J4kTTco8jmbzBGo2RQ> (中文)

6. TCM Imaging Research Centre established at Beijing University of Chinese Medicine
https://mp.weixin.qq.com/s/Otw_vg9q4wi-ZC3kOWjTjw (中文)



Report from the GP-TCM RA

1. The 7th GP-TCM RA Annual Meeting will be held in South Korea on July 9-10, 2019. It will be jointly hosted by National Development Institute of Korean Medicine and Daegu Haany University. **Meeting Programme and Call for Abstracts:**

<http://www.gp-tcm.org/event/7thannualmeeting/>

Online registration is open: http://www.2ver.com/~nikom/pages/index_en.htm

2. The 8th GP-TCM RA Annual Meeting will be held in Vytautas Magnus University, Kaunas, Lithuania. The conference will bring together scientists, clinicians, regulators and business people involved in different aspects of TCM. To reflect our commitments to good practices in TCM research and development, speakers will include representatives from industry that are bringing new medicines to the market based on traditional Chinese medicine as well as those studying different aspects of quality control. This will include the need to embrace new techniques and monographs for monitoring the control of granules entering the trade. Who should attend the conference?

- Pharmacologists, natural product chemists and those interested in drug development
- Those involved in the conservation and sustainable supply of medicinal plants and fungi
- Companies interested in developing products based on traditional Chinese medicines
- Clinicians and acupuncturists involved in TCM

More information will be published in the near future.

<https://www.vdu.lt/en/vmu-will-host-the-annual-meeting-of-traditional-chinese-medicine/>

3. The 49th GP-TCM RA BoD meeting was held on 1st April 2019 as a teleconference.

Attendees included BoD members Aiping Lu (President), Tai-Ping Fan (Past-President), Monique Simmonds (President-Elect), Clara Lau (Secretary-General), Rudolf Bauer, Pierre Duez, Vivian Wong, Qihe Xu, as well as Chair of the Acupuncture Interest Group (Nicola Robinson) and staff of the Secretariat (Grace Yue). Apologies were received from Abraham Chan, Thomas Efferth, Rong-Rong He, Peter Hylands, Rob Verpoorte and Min Ye. The meeting approved the minutes of the 48th BoD meeting without amendment and discussed updates on Charity Commission Annual Return, Corporate or Institutional Membership, membership payment, new membership approval, Secretariat affairs, the 7th GP-TCM RA Annual meeting, etc.



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4. Dr Tai-Ping Fan, Past President of the GP-TCM RA and Dr Qihe Xu, your newsletter editor visited Beijing.

They both lectured at School of Chinese Materia Medica, Beijing University of Chinese Medicine on the 1 April. Tai-Ping shared his experience of international TCM development in the context of the Belt-Road Initiative; Qihe talked about the



potential roles for TCM in prevention and treatment of acute kidney injury. They shared the stage with BUCM experts, had exchanges with staff and students, met Professor Anlong Xu, President of BUCM and past member of the GP-TCM RA BoD, and attended the 49th GP-TCM RA BoD teleconference afterwards at BUCM. Qihe also visited BUCM School of Chinese Medicine and China-Japan Friendship Hospital, where he lectured on kidney defence mechanisms and TCM-inspired strategies in prevention and treatment of acute kidney injury and chronic kidney diseases.



http://zhongyao.bucm.edu.cn/xyxw_x/xyjs/54661.htm (中文)

<http://jichu.bucm.edu.cn/kxyj/kydt/54684.htm> (中文)

European Reports

1. Guidance on harmonised methods for assessing risks from combined exposure to multiple chemicals for humans, animals and the environment published by European Food Safety Authority: https://www.efsa.europa.eu/en/efsajournal/pub/5634?utm_source=ampl&utm

2. Horton R. Offline: Brexit and Europe—taking the long view. *Lancet* 2019;393:1274. If you believe in the idea of European interdependence, with the UK as a vital part of that idea, the intensification of our European collaborations, the deepening of our European associations, and the strengthening of our European sympathies remain our individual responsibilities, not only the responsibilities of governments. If we think of ourselves as European, we need to act like Europeans. [https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(19\)30761-5/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(19)30761-5/fulltext)

3. Macleod M et al. A European initiative to unclog pipeline for new medicines. *Nature* 2019;568:458. We are developing a flexible quality-management framework that aims to improve conduct and reporting of preclinical research in both the public and the private sectors. The framework is being generated by the European Quality in Preclinical Data (EQIPD) project, which draws members from the pharmaceutical industry, academic institutions and contract research organizations, and is financially supported through the European Union's Innovative Medicines Initiative. The EQIPD will engage with the wider biomedical-research community to pilot the quality-management framework. Individuals wishing to contribute are invited to get in touch. https://www.nature.com/articles/d41586-019-01293-5?WT.ec_id=NATURE-20190425&utm

4. Abubakar I et al. Horizon Europe: towards a European agenda for global health research and innovation. *Lancet* 2019;393:1272-3. The European Commission has published its plans for Horizon Europe. Building on the success of Horizon 2020, Horizon Europe is a €100 billion research and innovation programme that provides the strategic underpinning for the next decade of scientific and technological progress in the EU. The proposal aims to “boost innovation, capacity,

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competitiveness and jobs; deliver on citizens priorities; and sustain European values”. This plan, which will be implemented through three pillars, provides an opportunity to improve the EC's scientific impact within Europe and extend its global reach. Health is one of five clusters within the second pillar of Global Challenges and Industrial Competitiveness. The health cluster reaffirms the EU's commitment to the UN's Sustainable Development Goals (SDGs) and specifically mentions SDG 3 on health for all and SDG 13 on climate action...

[https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(19\)30287-9/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(19)30287-9/fulltext)

Reports on China and Chinese-European Cooperation

1. Materials science in China. Nature.com 20 March 2019. China produced more than twice as many materials science papers than the next most-prolific country, the United States, in 2017. The country enjoys strong academic collaborations nationally and internationally, as well as a focus on applied and medical sciences when it comes to the materials being made. Funding for materials science in China has quadrupled since 2008. Learn how the country is using its strength in materials to advance knowledge and to solve many of its domestic problems — including its ageing population and its polluted manufacturing sector.

https://www.nature.com/collections/ibhfgfdhjb?WT.ec_id=NATURE-20190321&utm

Materials science is transforming China into a high-tech economy

<https://www.nature.com/articles/d41586-019-00885-5>

2. Editorial. A tiered health-care delivery system for China. *Lancet* 2019;393:1178. “China's health-care reform will be regarded as successful when a tiered health-care delivery system is fully achieved”, said the head of China's National Health Commission, Minister Ma Xiaowei, on March 8, during this year's “two Sessions” (the annual meetings of the national legislature and the top political advisory body)... 2019 marks the tenth anniversary of China's health-care reform that set rebuilding the primary health-care system as one of the priorities. Now is the time for China to reflect on the experiences and lessons learnt to continue to deepen the health-care reform and accelerate progress towards a stronger primary health-care system.

[https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(19\)30730-5/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(19)30730-5/fulltext)

3. The *Lancet*. The doctors' predicament: China's health-care growing pains. *Lancet* 2019; 393:1569. The Chinese characters for doctor also refer to scholar-bureaucrats, which was the highest aspiration for intellectuals in ancient China. Doctors were then respected as much as Confucian elites who were supposed to have high moral standards and be well educated, altruistic, and dedicated to serving the country. However, in modern China, medicine is no longer seen as a noble or an attractive profession. Last week, four officials were removed from their posts on the basis of their negligence in reviewing and approving an anti-gang brochure in which doctors were portrayed as gangs and listed as first among the top ten gang categories in China...

[https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(19\)30861-X/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(19)30861-X/fulltext)

4. EU and China to Develop a Joint R&I Roadmap. During the fourth EU-China Summit, which took place in Brussels on 9 April, the European Union and China agreed to develop a joint roadmap to help enrich and balance their cooperation in research and innovation. This roadmap will cover both rules and mechanisms as well as specific science and technology fields for this collaboration. A basic version of this roadmap, prepared by the European Commission, already exists, but the new roadmap will be more ambitious in scope. Following up on the third Innovation Cooperation Dialogue, held in Brussels two years ago, the meeting also successfully addressed other strategic topics: open access to scientific publications and research data, standardisation, research ethics and integrity, policies to support SME innovation, and intellectual property protection in stimulating innovation. EU's research and innovation partnership with China has a long tradition:

Archives (2008-2019): www.gp-tcm.org/news-list/

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an Agreement on Science and Technology Cooperation has been in place since 1998 and will be tacitly renewed by the end of 2019 for another five-year period. China is an important international partner in Horizon 2020, where Chinese organisations recorded 195 participations in projects as beneficiaries to date (second only to the USA). In 2017, EU and China launched a robust package of joint flagship initiatives - working with over €100 million in funding from each side, the initiatives cover areas such as food, agriculture and biotechnologies, environment and sustainable urbanisation, transport and health. To help implement these, China operates a dedicated Co-Funding Mechanism for Chinese participants in Horizon 2020 calls, with two annual calls.

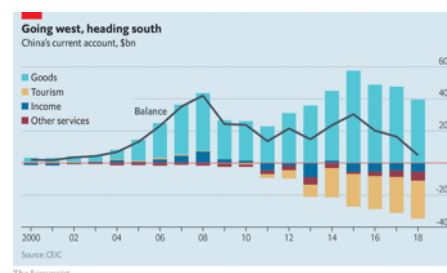
5. China's growth is set to perk up after a decade low. *The Economist* April 17, 2019. Just over 25 years ago Shanghai launched its metro with a single, stubby line. Since then it has added 15 lines and some 700km, making it the world's longest metro system. It is far from done. The city recently unveiled plans for another 300km, including overland rail, within five years. Much of the work proceeds unseen as machines bore tunnels beneath the surface. But excavation holes around the city offer clues about the activity deep underground. They are part of a nationwide push. The Chinese government has, in the words of state media, hit the "fast-forward button" on infrastructure spending, a tried and tested way to pep up the economy. In the first quarter China's GDP grew by 6.4% compared with a year earlier, level with the final quarter of 2018—its slowest in a decade. That would still be enviably fast for most countries. But Chinese officials have been unnerved by the possibility that it could herald the start of a steeper slide... So in mid-2018 China's government shifted gears. It cut taxes on personal incomes and corporate profits. Authorities ordered banks to lend more to small businesses. And planners cranked up the infrastructure machine again. For months they had held off from approving metro projects, mindful of the campaign to control debt. But in July they started things moving again, with half a dozen cities, including Shanghai, among the beneficiaries. Sales of excavation equipment, a proxy for construction, soared to an eight-year quarterly high in the first three months of 2019 (see chart)...



The Economist

<https://www.economist.com/finance-and-economics/2019/04/17/chinas-growth-is-set-to-perk-up-after-a-decade-low>

6. China may soon run its first annual current-account deficit in decades. *The Economist* March 16, 2019. That china sells more to the world than it buys from it can seem like an immutable feature of the economic landscape. Every year for a quarter of a century China has run a current-account surplus (roughly speaking, the sum of its trade balance and net income from foreign investments)...



The Economist

<https://www.economist.com/leaders/2019/03/16/china-may-soon-run-its-first-annual-current-account-deficit-in-decades>

7. Hvistendhl M. Concerns about ties to China prompt firings. *Science* 2019;364: 314-5. The MD Anderson Cancer Center here has moved to oust three senior researchers after the U.S. National Institutes of Health (NIH) in Bethesda, Maryland, informed it that the scientists had committed potentially "serious" violations of agency rules about keeping peer review confidential or disclosing foreign ties... The MD Anderson Cancer Center is one of at least 55 U.S. institutions investigating potential violations of federal rules... In the meantime, more universities are expected to reveal how they have responded to NIH's letters, the most recent of which went out last month. *Science* and the *Houston Chronicle* have identified three institutions in addition to MD

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Anderson that have received letters focusing on a total of eight faculty members. Four of these researchers are at the Baylor College of Medicine, and one is at the UT Health Science Center, both located here. Three work at a major research university that asked for anonymity. At that university and at Baylor, administrators concluded that most of the seven researchers flagged by NIH had broken rules, but the violations were not serious enough to merit termination. The officials said all seven researchers are ethnically Chinese.

<https://science.sciencemag.org/content/364/6438/314?utm>

<https://www.sciencemag.org/news/2019/04/exclusive-major-us-cancer-center-ousts-asian-researchers-after-nih-flags-their-foreign?>

https://mp.weixin.qq.com/s/JyXREyaMdALZ3l_Au10Wyg (中文)

<https://mp.weixin.qq.com/s/iitucJRgB6ibWmDExkqBqA> (中文)

<https://mp.weixin.qq.com/s/ZxfjxvTMIDWqEINUZpGkQ> (中文)

8. Silver A et al. How US–China political tensions are affecting science. *Nature* 2019; 568: 443-4. Government-funded research, conference travel and visas are all touched by the situation. https://www.nature.com/articles/d41586-019-01270-y?WT.ec_id=NATURE-20190425&utm

9. The Lancet. China’s research renaissance. *Lancet* 2019;393:1385. The renaissance flourished because of patronage (investment), which stimulated discovery and reflection on the place of individuals and nations in a changing world. Today, science in China is experiencing its own renaissance. By prioritising policies that expand higher education and promote science, the Chinese Government endorses the value of science to society and the economy. Scientists are respected. Policies are underpinned by substantial investment. China spent US\$443 billion on research and development in 2017, according to the Organisation for Economic Co-operation and Development, second only to the USA with \$484 billion. The results speak for themselves: in 2018, China produced more scientific publications than any other country, and, in the next decade, is expected to rank top for citations... China’s areas of strength include genetics, artificial intelligence, and traditional treatments,... and in some minds, barriers against research from China still exist, built on reports of lax governance, misconduct, or interference that are reinforced by ignorance, prejudice, and fear. It is vital to dismantle such attitudinal barriers because they encourage isolation, delay innovation, and damage patient care...

[https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(19\)30797-4/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(19)30797-4/fulltext)

10. Liu X. UK can take giant strides on China’s ‘new silk road’. *Evening Standard* 17 April 2019. https://mp.weixin.qq.com/s/wV_pj4jrjLV0yWYCjN-kng (中文)

<https://www.standard.co.uk/comment/comment/uk-can-take-giant-strides-on-china-s-new-silk-road-a4120171.html>

Acupuncture, TCM and Other Traditional Medicine

1. Zhou Shenzhai (Ming Dynasty, China). On TCM prescription. *Ai Ren Zhi Ren WeChat*. 22nd March 2019. Prescription in TCM is like dispatching troops in the military...

<https://mp.weixin.qq.com/s/vFT480yOyz9VPnEK9pF5Zg> (中文)

2. 111 medicinal materials also used as foodstuff.

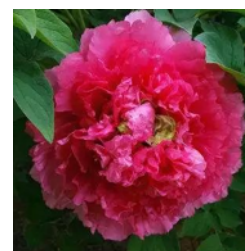
https://mp.weixin.qq.com/s/Ubet3sEn_G4RVqo5Nx8Xtw (中文)

3. Clinically relevant herbal-drug interactions

<https://mp.weixin.qq.com/s/dVkfzsu3tAbNx9yrN3wSpQ> (中文)

4. Park K et al. Strategy for Globalization of Korean Medicine Anti-Cancer Drugs. *J Health Tech Assess* 2017;5(1):22-30.

[http://www.kahta.or.kr/eboard/data/academy/99\\$2\\$51-3.pdf](http://www.kahta.or.kr/eboard/data/academy/99$2$51-3.pdf)



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- 5. Zhu S, et al. Advances in Research of Dose-Effect Relation of Chinese Materia Medica Chinese Traditional and Herbal Drugs.** 2019;50(7):1708-1712.
<https://mp.weixin.qq.com/s/9DfJ0YIABbG3p4bpT92Myw> (中文)
- 6. An Audience with Xiaohe Xiao on TCM Risk Management.**
<https://mp.weixin.qq.com/s/2ld6EOFzv5lbr4m1M6fvug> (中文)
- 7. MGI Produces Novel Herbgonomics Device.**
<https://mp.weixin.qq.com/s/LfapJqGCwxZXVaDqSy2MGA> (中文)
- 8. Zhang M et al. Carotid artery plaque intervention with Tongxinluo capsule (CAPITAL): A multicenter randomized double-blind parallel-group placebo-controlled study.** *Sci Rep* 2019;9:4545.
<https://www.nature.com/articles/s41598-019-41118-z>
<http://xhpfmapi.zhongguowangshi.com/vh512/share/5912715> (中文)
- 9. Guo Y, et al. Network-based combinatorial CRISPR-Cas9 screens identify synergistic modules in human cells.** *ACS Synth Biol* 2019;8:482–490.
<https://pubs.acs.org/doi/10.1021/acssynbio.8b00237>
<https://mp.weixin.qq.com/s/SBu-OHTjTKCY31Fpr3ZiiA> (中文)
- 10. Chinese Medicine and Culture – A recommended new English journal.**
<https://mp.weixin.qq.com/s/zpzDWMbWl-AniOZ-d0gJhw>
- 11. Annals of Translational Medicine published in March 2019 focuses on Clinical Evaluation of Evidence Based on TCM:** <http://atm.amegroups.com/issue/view/814>
<https://mp.weixin.qq.com/s/T92XFrrVFtmRMHWErATjiw> (中文)
- 12. What the rises and falls of TCM in the UK tell us?**
https://mp.weixin.qq.com/s/h_e52iqTN7uRbU0fsmO6XQ (中文)
- 13. Recommended critical readings on nephrotoxicity of botanicals and TCM drugs**
- Lu F et al. **On nephrotoxic TCM drugs.**
https://mp.weixin.qq.com/s/L2qLjZFiQ4Si7X_KklcSyw (中文)
 - Yang B, et al. **Nephrotoxicity and Chinese Herbal Medicine.** *Clin J Am Soc Nephrol.* 2018;13:1605-11. <https://www.ncbi.nlm.nih.gov/pubmed/29615394>
 - Holden F et al. **Taming the fire of nephrotoxic botanicals.** *WJTCM* 2019 in press.
http://www.wjtcn.org/ch/reader/view_abstract.aspx?file_no=20180028&flag=1



Omics in Progress

- 1. Omics approaches in natural products towards modernization of Chinese medicine.** An article collection in *Chinese Medicine* including 5 reviews and 2 research papers published late 2018 until March 2019. Guest edited by Prof Milen I. Georgiev and Prof Jian-Bo Wan.
<https://www.biomedcentral.com/collections/omicsapproaches?utm>
- 2. Berg J. Consuming personal genomics.** *Science* 2019;364:213. Personal genomics is enjoying increased visibility, yet much remains cloudy about its true potential...
<https://science.sciencemag.org/content/364/6437/213?utm>
- 3. Extracellular, extraordinary! Insights from the Extracellular RNA Communication Consortium:** https://www.cell.com/consortium/exRNA?utm_campaign=Consortium%202019&utm
- 4. Almeida A, et al. A new genomic blueprint of the human gut microbiota.** *Nature* 2019; 568:499–504. www.nature.com/articles/s41586-019-0965-1?WT.ec_id=NATURE-20190425&utm

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NEW 5. Nayfach S et al. **New insights from uncultivated genomes of the global human gut microbiome.** *Nature* 2019; 568:505-10.
https://www.nature.com/articles/s41586-019-1058-x?WT.ec_id=NATURE-20190425&utm

Other Recommended Readings

NEW 1. Editorial. **It's time to talk about ditching statistical significance.** *Nature* 2019; 567:283.
https://www.nature.com/articles/d41586-019-00874-8?WT.ec_id=NATURE-20190321&utm

Scientists rise up against statistical significance

<https://www.nature.com/articles/d41586-019-00857-9>

Retiring statistical significance would give bias a free pass

https://www.nature.com/articles/d41586-019-00969-2?WT.ec_id=NATURE-20190328&utm

Raise the bar rather than retire significance

https://www.nature.com/articles/d41586-019-00970-9?WT.ec_id=NATURE-20190328&utm

Retire significance, but still test hypotheses

https://www.nature.com/articles/d41586-019-00972-7?WT.ec_id=NATURE-20190328&utm

NEW 2. Lu S et al. **Racial profiling harms science.** *Science* 2019;363:1290-1292. On behalf of the Society of Chinese Bioscientists in America, the Chinese American Hematologist and Oncologist Network, and the Chinese Biological Investigators Society, we write to express our concerns about the recent political rhetoric and policies that single out students and scholars of Chinese descent working in the United States as threats to U.S. national interests...

<http://science.sciencemag.org/content/363/6433/1290>

<https://mp.weixin.qq.com/s/s3c-P5zsXbl7jqc2TyNgUQ> (中文)



NEW 3. Ramanathan M et al. **Methods to study RNA–protein interactions.** *Nat Methods* 2019; 16:s225–34.

<https://www.nature.com/articles/s41592-019-0330-1>

<https://www.nature.com/articles/s41592-019-0349-3>

NEW 4. Marx V. **How to follow metabolic clues to find cancer's Achilles heel.**

Nat Methods 2019; 16:221–4. Labs combine techniques to study why cancer cells are so metabolically flexible. <https://www.nature.com/articles/s41592-019-0331-0>

NEW 5. Munro J, Dowden H. **Oncology dealmaking trends.** *Nat Rev Drug Disc* 2019;18:B3-6. Oncology remains the most active area for dealmaking; in 2018, projected deal values increased substantially, driven by deals in immuno-oncology, and a number of major mergers and acquisitions were announced. This review analyses trends in recent oncology deals and reports on “China rising”, “Technology drivers” and “Looking forward to 2019”.

<https://biopharmadealmakers.nature.com/users/5058-raveena-bhambra/posts/44782-our-march-2019-edition-is-live>

NEW 6. The *Lancet*. **Assessing researchers with a focus on research integrity.** *Lancet* 2019;393:1570. More than 500 participants will gather in Hong Kong on June 2–5 for the sixth World Conference on Research Integrity. One of the ambitions of the WCRI is to advance research integrity globally by setting standards and agreeing on principles of research.

[https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(19\)30862-1/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(19)30862-1/fulltext)

<http://www.wcri2019.org/index/programme/focus-tracks>

NEW 7. Maestre FT. **Ten simple rules towards healthier research lab.** *PLoS Comput Biol* 2019;15:e1006914. <https://www.nature.com/articles/d41586-019-01242-2>

<https://doi.org/10.1371/journal.pcbi.1006914>

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

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<https://mp.weixin.qq.com/s/R1aoVEaKnKyuBJstw2xUUw> (中文)

8. On Feb. 1, 2019, Prof. Mien-Chie HUNG inaugurated as the 19th President of GP-TCM RA Institution Member, China Medical University, Taichung, Taiwan. Prof HUNG's was vice president for basic research and chair professor of the Department of Molecular and Cellular Oncology at The University of Texas MD Anderson Cancer Center. His CV can be found here: <https://president.cmu.edu.tw/president.html>

https://www.cmu.edu.tw/news_detail.php?id=4257 (中文)

9. GBD 2017 Diet Collaborators. Health effects of dietary risks in 195 countries, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* online published on 4 April 2019. In 2017, 11 million deaths and 255 million disability-adjusted life-years (DALY) were attributable to dietary risk factors. High intake of sodium (3 million deaths and 70 million DALY), low intake of whole grains (3 million deaths and 82 million DALY), and low intake of fruits (2 million deaths and 65 million DALY) were the leading dietary risk factors for deaths and DALY globally.

<https://www.sciencedirect.com/science/article/pii/S0140673619300418?via%3Dihub>

https://mp.weixin.qq.com/s/dJqxfkJIPC Utt_STu7W9ZA (中文)

10. Henretig FM et al. Hazardous Chemical Emergencies and Poisonings. *N Engl J Med* 2019; 380:1638-1655. <https://www.nejm.org/doi/full/10.1056/NEJMra1504690?query=TOC>

11. Peter Carr. How to read a paper efficiently?

<http://ccgs.chem.umn.edu/files/how-read-paper-efficiently-prof-pete-carr>

https://mp.weixin.qq.com/s/_yoPT3g9vwak7rjPhy7Olw (中文)

12. Bishop D. Rein in the four horsemen of irreproducibility. *Nature* 2019;568:435. Dorothy Bishop describes how threats to reproducibility, recognized but unaddressed for decades, might finally be brought under control. These threats are publication bias, low statistical power, P-value hacking and HARKing (hypothesizing after results are known)...

https://www.nature.com/articles/d41586-019-01307-2?WT.ec_id=NATURE-20190425&utm

13. 11 ways to avert a data-storage disaster. *Nature* 2019;568:131-2. Hard-drive failures are inevitable, but data loss doesn't have to be. https://www.nature.com/articles/d41586-019-01040-w?WT.ec_i

14. Forget about "Impact factor": isn't it disruptive factor more useful?

<https://www.nature.com/articles/s41586-019-0941-9>

<https://mp.weixin.qq.com/s/cbsgCxvL5fw-OQXRJvHcPw> (中文)

15. Rao Y (Couzin-Frankel J). Sydney Brenner 1927-2019.

<https://www.sciencemag.org/news/2019/04/sydney-brenner-pioneer-molecular-biology-dies-92>

<https://mp.weixin.qq.com/s/Vn79sg14xWtrWNRl4DQJ2A> (中文)



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Meeting Reports

1. Sino-Europe Symposium on TCM & Herbal Medicine was held in Beijing on 25-26 March 2019. The meeting was attended by GP-TCM RA Founding President and BoD member Prof Rudolf Bauer, Chair of the EDQM TCM Working Party, and Prof Werner Knöss, Chair of the EMA's Committee on Herbal Medicinal Products.



2. The 2nd World TCM Acupuncture Forum was successfully held in Washington D.C. WorldTcmForum 11th April 2019.

From March 31 to April 1, 2019, the Second World TCM Acupuncture Forum was successfully held at the National 4-H Conference Center in Washington, D.C. The forum was co-sponsored by the World TCM Forum, the American Alliance of Acupuncture and the World Federation of Acupuncture Societies. More than 200 representatives of Chinese medicine practitioners participated in the forum. They were from the USA, China, UK, the Netherlands, Italy, Austria, Spain, the United Arab Emirates, Brazil, Canada and other countries.



<https://mp.weixin.qq.com/s/QOznoDSLniwN5JuMI2quug>
<https://mp.weixin.qq.com/s/sKu2opboO-UlahXfWkaJA> (中文)

3. TCM delegates support Acupuncture Medical Insurance Act, USA. On April 2, 2019, as the highlight of the second World TCM & Acupuncture Forum, some delegates came to Capitol Hill to support the Acupuncture for Our Heroes Act and Wildfire Prevention Act of 2017 (HR1182 and HR1183) introduced by Congresswoman Judy May Chu.



<https://mp.weixin.qq.com/s/0JihjANZDetztL1cZkXnZQ> (中文)

Invitation from Future Meetings

1. The 4th Chinese Microcirculation Week will be held in Weihai City of Shandong Province, China on June 7-9, 2019. The meeting will be chaired by Professor Jin-Yan Han. The queries of the detailed of the meeting can be forwarded to weixunhuan2019@163.com

2. TCM Frontiers Forum and WJTCM Editorial Board Meeting will be held in Shenzhen 29 June-1 July 2019: <https://mp.weixin.qq.com/s/NR20uwc0eC66V4-Hc6P8EQ> (中文)

3. The 7th Annual Meeting of GP-TCM RA will be held in Daegu Haany University (DHU), Daegu City, Republic of Korea, on July 9th – 11th, 2019. See pages 2 and 5.

4. The 18th Meeting of Consortium for Globalization of Chinese Medicine (CGCM) will be held in Shanghai on August 8 - 10, 2019 (Thursday- Saturday), the Meeting is organized by Shanghai University of Traditional Chinese Medicine, Shanghai. It provides a platform for regulatory-industrial-academic exchanges and potential research collaborations on various frontiers of TCM among our worldwide CGCM members and guests. Abstract submission deadline: May 31, 2019. Should you have any enquiries, please contact centraloffice@tcmedicine.org. For further information, please visit: www.tcmedicine.org

5. The 34th Annual meeting of the Society of Chinese Natural Medicine will be held on October 17 -19, 2019 at Chang Gung University of Science and Technology, Taipei. The meeting details can be found here:

http://www.scnm.org.tw/TW/NewsGallery2/ugC_NewsGallery_Detail.asp?hidNewsGalleryID=11

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6. **2019 *The Lancet*–CAMS Health Conference: a call for abstracts.** The Chinese Academy of Medical Sciences (CAMS) and the *Lancet* family of journals invite abstract submissions for the 2019 *The Lancet*–CAMS Health Conference, to be held on Oct 19–20, 2019, in Chengdu, China. West China Hospital, Sichuan University, will be the local co-organiser with CAMS in Chengdu. 2019 will mark the fifth collaborative conference between CAMS and the *Lancet* family of journals to support medical research in China. Abstracts must be relevant to health science in China and at least one author must be based at an institution in China. Submissions are invited from all aspects of medical research,...

[https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(18\)33176-3/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(18)33176-3/fulltext)

7. **The 16th World Congress of Chinese Medicine will be held in Budapest, Hungary, in November 2019:** <https://a.eqxiu.com/s/1BpDhw7h> (中文)

Invitation from Journals

1. **World Journal of Traditional Chinese Medicine: Sincere invitation for submissions.** World Journal of Traditional Chinese Medicine (ISSN 2311-8571, CN10-1395/R) is sponsored by WFCMS, and is the official journal of GP-TCM RA. WJTCM dedicates to report the research progress in clinical efficacy and action mechanism of Traditional Chinese Medicine, Chinese materia medica, acupuncture and moxibustion to doctors and biomedical researchers around the world, so as to provide new thoughts and methods for solving complex diseases and knotty diseases. To submit your manuscripts, or to read articles in the past issues, please visit: <http://www.wjtcn.net>

Great news! Since November 2018, WJTCM has been included in the list of core Chinese scientific journals and magazines! <https://mp.weixin.qq.com/s/r5BAEi8uinlpxj0QvhapMA> (中文)

2. **Health-care reform in China: a *Lancet* call for papers.** In 2019, *The Lancet* will dedicate a theme issue to evaluate the progress of health-care reform in China on its tenth anniversary. The 2019 China theme issue will be launched at *The Lancet*–Chinese Academy of Medical Sciences Health Conference in Chengdu, China, on Oct 19–20, 2019. While we welcome submissions from China throughout the year and across all *Lancet* family journals, the editors invite submissions of high-quality research from China—or from research teams working on health in China—for this issue. [https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(18\)33054-X/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(18)33054-X/fulltext)

Sounding Board: This column is reserved for comments, personal views, proposals for collaborations or any other features from our readers across the world. We look forward to hearing from you! Please get in touch with your editors: Dr Qihe Xu (qihe.xu@kcl.ac.uk), Prof Pierre Duez (pierre.duez@umonts.ac.be) and Prof Yuan Shiun Chang (yschang0404@gmail.com).

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<https://mp.weixin.qq.com/s/KtiGHPBZIO2UgPublgO7HA>



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