

# The King's Centre for Integrative Chinese Medicine

## King's CICM:

- A research-focused, interdisciplinary initiative of KHP aiming to solve major problems the NHS is facing, through innovation catalysed by integrating traditional Chinese medicine with conventional medicine.

## How?

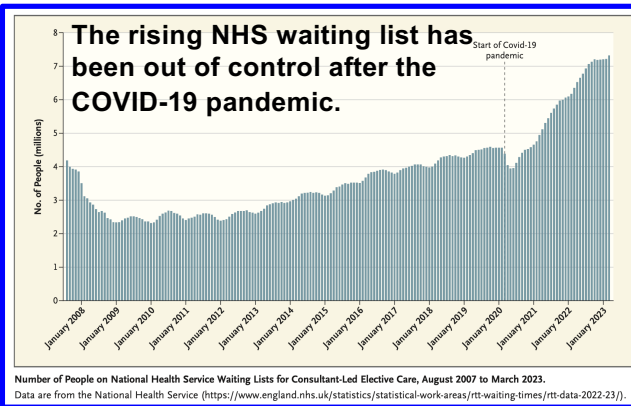
- Breaking down barriers, facilitating dialogues, bridging collaborations;
- Integrating two enduring philosophies of medicine; and
- Integrating expertise & resources from traditional Chinese medicine, conventional medicine and state-of-the-art science & technology.

# Why King's CICM? *NHS's problems invite integrating function- and anatomy-oriented reasoning, and holistic and reductionist thinking*

## At Breaking Point or Already Broken? The National Health Service in the United Kingdom *(NEJM 2023;389:100)*

David J. Hunter, M.B., B.S., F.Med.Sci.

**“Crisis,” “collapse,” “catastrophe”** — these are common descriptors from recent headlines about the National Health Service (NHS) in the United Kingdom. In 2022, the NHS was supposed to begin its recovery from being perceived as a Covid-and-emergencies-only service during parts of 2020 and 2021. Throughout the year, however, doctors warned of a coming crisis in the winter of 2022 to 2023. The crisis duly arrived.

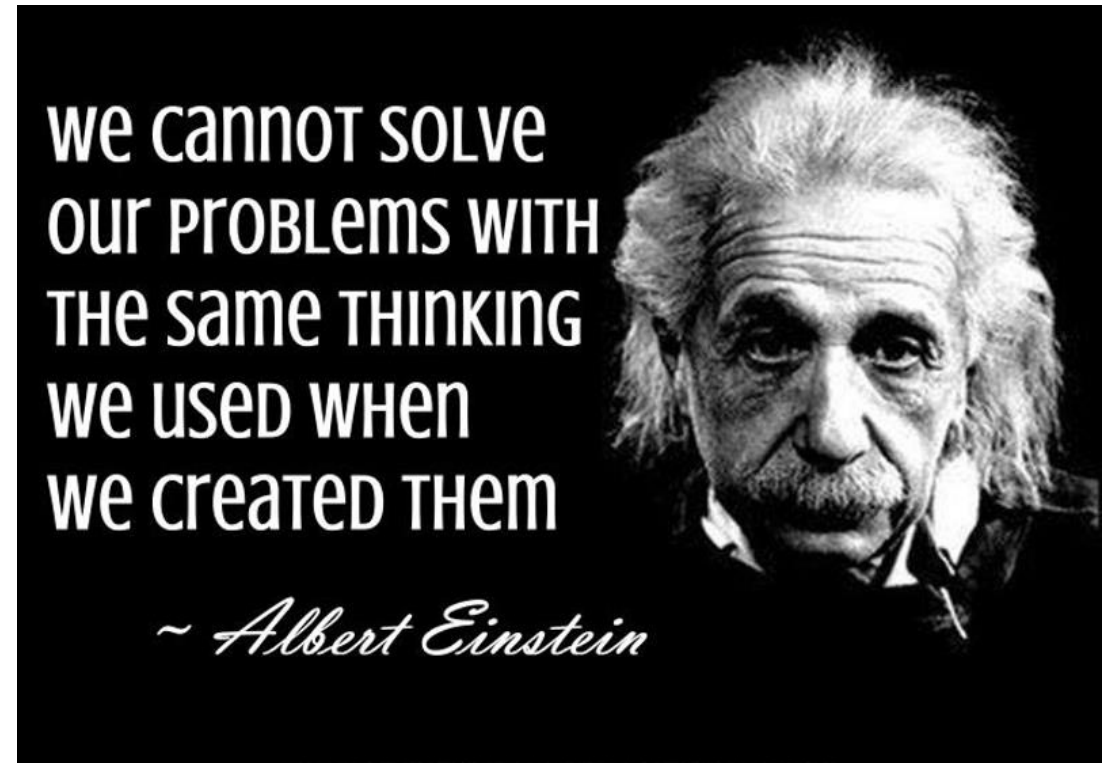


## Findings of a survey by Nuffield Trust and King's Fund *(Metro, page 4, 2nd April 2025)*

### **Record 59% no longer satisfied with the NHS**

PUBLIC satisfaction with the NHS has had a 'startling collapse', a poll shows. Some 59% of adults say they are dissatisfied with the health service, up seven percentage points in a year and the highest level on record.

The British Social Attitudes survey, which covers England, Scotland and Wales, found only 21% are satisfied, compared with 60% in 2019.



 KING'S HEALTH PARTNERS

Pioneering better health for all

# The King's Centre for Integrative Chinese Medicine

**Our ambition is to establish King's CICM as a platform that**

- Attracts/enables KHP staff to engage in ICM innovation;
- Attracts philanthropists to fund projects that matter; and
- Attracts/supports collaborators to join forces with us.

# The King's Centre for Integrative Chinese Medicine

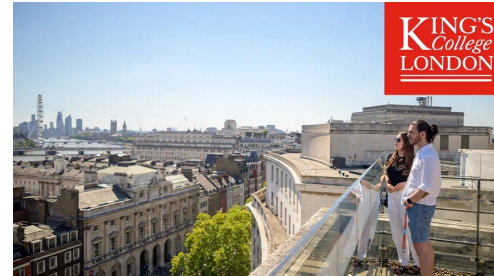
- Build upon our world-leading health sciences and our glorious tradition in TCM and natural product research;
- Draw inspiration from EU's FP7 GP-TCM Project and the international network thereby established.

# King's CICM will build upon our world-leading health sciences

With over 40,000 staff and 30,000 students, KHP is one of the largest healthcare education and training centres in Europe

## QS World University Rankings, 2025

- Nursing No. 1
- Dentistry No. 4
- Life Sciences and Medicine No. 11



King's College London



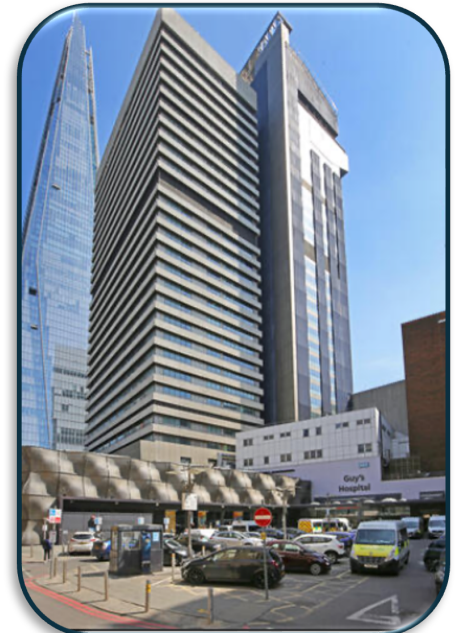
St Thomas' Hospital



Maudsley Hospital



King's College Hospital



Guy's Hospital

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# Prof Graham Lord and other colleagues' work on aristolochic acid nephropathy and carcinogenesis has made botanical drugs *safer*



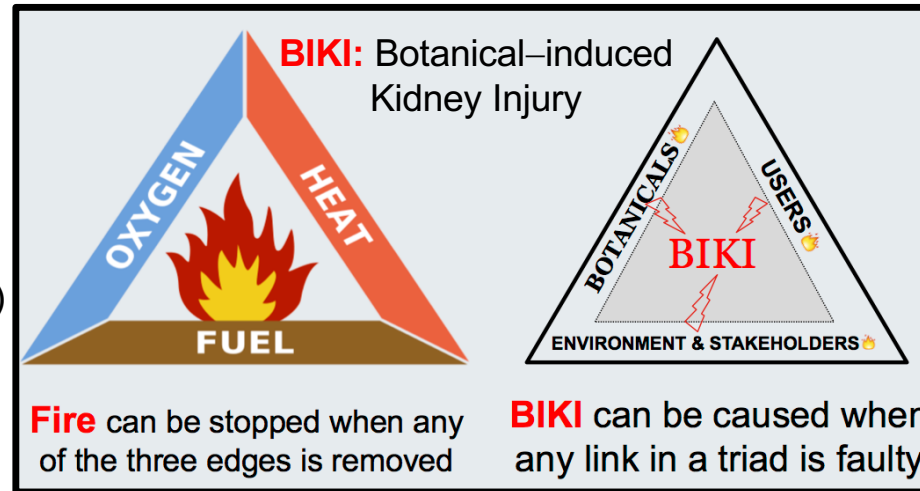
**Prof Graham Lord**  
KCL Senior Vice President  
KHP Executive Director

- **Lord GM**, et al. *Lancet*. 1999;354:481-2  
Nephropathy caused by Chinese herbs in the UK
- **Lord GM**, et al. *Lancet*. 2001;358:1515-6  
Urothelial malignant disease and Chinese herbal nephropathy
- **Lord GM**, et al. *Am J Kidney Dis*. 2004;43:e11-7  
DNA adducts and p53 mutations in a patient with aristolochic acid-associated nephropathy
- Cronin AJ, ..., **Lord GM**. *Nephrol Dial Transplant*. 2002;17:524-5  
Aristolochic acid as a causative factor in a case of Chinese herbal nephropathy
- Gökmen MR, **Lord GM**. *BMJ*. 2012;344:e4000.  
Aristolochic acid nephropathy
- Gökmen MR, ..., **Lord GM**. *Ann Intern Med*. 2013;158:469-77.  
The epidemiology, diagnosis, and management of aristolochic acid nephropathy: a narrative review

# Taming the fire before enjoying its benefits

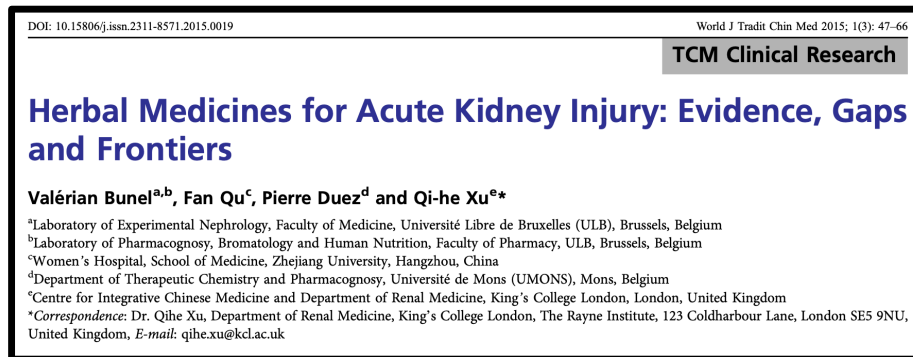
Taming the fire of nephrotoxic botanicals demands an integrative strategy

(Holden F, et al. *WJTCM* 2019;5: 151-163)



Herbal medicines hold promise in addressing unmet needs in nephrology

(Bunel V, et al. *WJTCM* 2015;1:47-66)



**Dr Qihe Xu**  
Director, King's CICM

# King's has glorious legacies in botanical research

Quality, Efficacy, Mechanisms



**Professor Peter Hylands †**

Founding Co-Director, King's CICM  
Head, Institute of Pharmaceutical Science  
King's College London



**Professor Peter Houghton †**

Emeritus Professor of Pharmacognosy  
Institute of Pharmaceutical Science  
King's College London



**Professor Robert Hider**

Emeritus Professor of Medicinal Chemistry  
Institute of Pharmaceutical Science  
King's College London



# King's led the FP7 GP-TCM EU-China Collaboration and founding of The GP-TCM Research Association



- From a 3.5-year project to a sustainable international platform for collaboration in developing, disseminating and implementing good practices in TCM R&D.
- Developed a GP-TCM network of 200 scientists from 24 countries and 110 institutions → GP-TCM RA, a UK-based charity, an international society, an EMA/HMPC Interested Party, which has >300 members worldwide.
- Submitted 117 reports to the European Commission proposing TCM a priority for future EU-China cooperation.
- 47 papers on good practices, priorities, challenges, opportunities and state of the art of TCM omic studies.



Dr Qihe Xu



Prof. Bruce Hendry



Prof. Peter Hylands †



Prof. Peter Houghton †

King's PIs of the FP7 GP-TCM project



Distribution of GP-TCM members within and beyond the EU.

[Uzuner H, et al. J Ethnopharmacol 2012](#)


GP-TCM RA Membership	
As of 12 December 2024	
Corporate Members	5
Institutional Members	8
Life Members	45
Honorary Members	15
Ordinary Full Members	251
Student Members	36

By courtesy of President Report by Professor Clara Lau, who co-chairs the King's CICM Honorary Advisory Board



*“Modern medicine can learn from traditional practices.”*

The FP7 GP-TCM Project concluded



European Commission

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Content archived on 2024-06-18



### Good Practice in Traditional Chinese Medicine Research in the Post-genomic Era

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DEENESFRITPL

Modern medicine can learn from traditional practices

Researchers have finalised a picture of current traditional Chinese medicine (TCM) research practices in the EU and on the use, safety and efficacy of this ancient medical system.

HEALTH



Project Information

**GP-TCM**  
Grant agreement ID: 223154

Project closed

**Start date**  
1 May 2009

**End date**  
31 October 2012

**Funded under**  
Specific Programme "Cooperation": Health

**Total cost**  
€ 1 117 778,00

**EU contribution**  
€ 995 100,00

**Coordinated by**  
KING'S COLLEGE LONDON  
United Kingdom



**Traditional Chinese medicine research in the post-genomic era: good practice, priorities, challenges and opportunities.**  
Uzuner H, et al. *J Ethnopharmacol.* 2012;140:458-68.

# Integrative Chinese medicine (ICM): our approach to catalysing innovation

Hylands & Xu co-developed a theoretical framework for ICM to catalyze medical & pharmaceutical innovation

- Xu Q, Hylands PJ. Integrative Chinese Medicine. *GP-TCM RA Newsletter*, 2017
- Xu Q. Professor Peter Hylands' contributions to integrative Chinese medicine. *GP-TCM RA Newsletter*, Oct. 2019.

The March 2017 Newsletter of  
The GP-TCM Research Association

Editorial

**Integrative Chinese Medicine**

Dr **Qihe Xu**, Editor-in-chief & BoD Member, GP-TCM RA;  
Co-Director, Centre for Integrative Chinese Medicine, King's  
College London. [qihe.xu@kcl.ac.uk](mailto:qihe.xu@kcl.ac.uk)

Professor **Peter Hylands**, Treasurer & BoD Member, GP-TCM  
RA; Head of Institute of Pharmaceutical Science and  
Co-Director, Centre for Integrative Chinese Medicine, King's  
College London. [peter.2.hylands@kcl.ac.uk](mailto:peter.2.hylands@kcl.ac.uk)

According to Professor Tu (*Nat Med* 2011;17:1217-1220), her groundbreaking discovery of  
artemisinin was inspired by the works by Ge Hong (283-343), who is also widely acknowledged as  
the earliest to describe faecal transplantation as a useful therapy (*Nature* 2016;540:S110). It was not  
until very recently that FDA came to appreciate the importance of faecal transplantation and that  
scientists came to understand the underlying mechanisms, involving gut flora. Ge Hong was also the  
earliest to document the health benefits of intermittent fasting, which is now understood to have health  
benefits by inducing autophagy, reprogramming pancreatic cells to restore insulin generation in islets,  
and reducing risk factors for aging and age-related disorders (*Nature* 2009;457:726-730; *Cell*  
2017;168: 775-786; *Sci Transl Med* 2017;9:eaa8700).

In early February, Academician Professors Zhu Chen and Saijun Chen published a *Cell* Leading-  
Edge Stories article on their journey of TCM-inspired discovery of arsenic trioxide as a new cure for  
leukaemia (*Cell* 2017;168:556-560). Entitled *Poisoning the Devil*, the article concluded: "Looking back  
to our scientific career, we have benefited a lot from the integration of western and eastern wisdoms."

Integration of western and eastern wisdoms is exactly the approach that GP-TCM RA should adopt  
for the future.

This is particularly timely as the **Development Plan of the Belt and Road for TCM (2016-2020)** has  
just been jointly issued by China's State Administration of TCM and the National Development and  
Reform Commission. According to the Plan, China will build 30 centres for TCM around the world,  
formulating 20 international standards of TCM, registering 100 kinds of TCM products and setting up  
50 exchange and cooperation bases of TCM by 2020. Five cooperation priorities have been proposed:  
policy coordination, resource sharing, people-to-people bonds, technology connectivity and  
unimpeded trade. Particularly relevant to the GP-TCM RA, it proposed to:

- **Collaborate with renowned universities along the route to bring TCM into the higher education of these countries**, expand diploma and postgraduate education and enhance quality of teaching. In countries that are ready, open more TCM-featured Confucius Institute.
- **Support TCM research organisations and higher education institutions to establish joint laboratories and research centres** in countries along the route, to apply internationally advanced modern scientific technologies and methodologies to large-scale scientific collaborations in research of TCM fundamental theories, TCM clinical practice and TCM products, etc. Focusing on common, prevalent and major diseases in countries along the route, carry out evidence-based research, so as to support and guide TCM products to gain entrance to the mainstream market of these countries.

"The Plan" entitled in Chinese "中医药'一带一路'发展规划 (2016-2020年)" can be found here:  
[http://mp.weixin.qq.com/s?\\_\\_biz=MzA5NzQwNDkxOQ==&mid=2649649922&idx=2&sn=d8b00736abbe2642b6e39485b04e0dchism](http://mp.weixin.qq.com/s?__biz=MzA5NzQwNDkxOQ==&mid=2649649922&idx=2&sn=d8b00736abbe2642b6e39485b04e0dchism)

A few weeks ago, China's State Council published a **medium- and long-term plan to prevent and treat chronic diseases (2017-2025)**. The plan aims to improve people's health, lower the onset risks

The October 2019 Newsletter of  
The GP-TCM Research Association

Editorials

1. **Professor Peter Hylands' contributions to integrative Chinese medicine**  
—A tribute to our Founding Treasurer at his Memorial Service in London, 9<sup>th</sup> Oct. 2019<sup>1</sup>

Dr Qihe Xu  
Editor-in-chief & BoD Member, The GP-TCM RA  
Senior Lecturer in Renal Medicine and Pharmacology  
Director, King's Centre for Integrative Chinese Medicine  
Chairman, Steering Committee, The FP7 GP-TCM Consortium (2009-2012)  
King's College London  
E-mail: [qihe.xu@kcl.ac.uk](mailto:qihe.xu@kcl.ac.uk)

Dear Debbie & family,  
Dear Principal,  
Dear colleagues & friends,  
It's no secret that Peter loved China. He first lectured in China when I was still in medical school. And he had been there numerous times ever since.  
As a pharmaceutical scientist, of course, he understood the huge value of Chinese Medicine as a source for drug development.  
Passionate about international collaboration, Peter knew that Chinese Medicine is an integral part of mainstream medicine in China. If we wish to develop a truly engaged partnership with China in the field of health sciences, Chinese Medicine ought to be an important player!  
Hence, it's completely natural that Peter had championed the King's Centre for Integrative Chinese Medicine initiative, which aims to integrate wisdoms from the West and the East to catalyse innovation and to promote collaboration.  
It was Peter who first coined the name "King's Centre for Integrative Chinese Medicine". The name indicates that Chinese Medicine will be the focus of our study and that we will do this via an integrative approach.  
It was also Peter who brought the new centre to life. In 2012, upon my annual appraisal, I proposed that my long-term goal was to found a new centre at King's, dedicated to Chinese Medicine-inspired research, education and care. My appraiser Professor Bruce Hendry advised that, if we believed in its value, we should work on it ASAP! And this was agreed by Peter. Together, we worked hard to convey our messages to stakeholders, and one year later, we were invited to present our case to the decision-makers. An excellent speaker, Peter was naturally the best person to present our case. He did. And we were officially accepted a King's new initiative in May 2013!  
In the following years, Peter chaired 14 follow-up meetings and led the development of a business plan. We conducted omics-guided research of Chinese Medicine, offered Chinese Medicine-related teaching, and trained the first PhD student of our new Centre. By 2016, we have won King's fundraising priority!  
Peter had also played important roles nationally and internationally. He was a senior leader of the FP7 GP-TCM Project. Funded 1m Euro by the EU in 2009, it was the 1st ever major EU-China cooperation on Chinese Medicine and it was widely acclaimed a success. As a member of the Steering Committee and Coordination Office, Peter chaired the Scientific & Technological Advisory Committee and one of our ten work packages. Three years later, the GP-TCM Research Association was founded. It quickly grew into a UK-based charity, a reputable international society and an

<sup>1</sup> A report of Peter's Memorial Service is available in the "Special Features" column

Open-access archives since 2008: [www.gp-tcm.org/news-list](http://www.gp-tcm.org/news-list) 1

Xu developed an ICM approach to nephrology innovation by studying roles of kidney defence (*Healthy qi*) & metabolic (*Yang qi*) mechanisms in AKI & CKD

- Xu Q. Let traditional wisdom inspire: a nephrologist's view. *GP-TCM RA Newsletter*, Aug. 2019

The August 2019 Newsletter of  
The GP-TCM Research Association

Editorials

1. **Let Traditional Wisdom Inspire: A Nephrologist's View**

Dr Qihe Xu  
Senior Lecturer in Renal Medicine  
Director, King's Centre for Integrative Chinese Medicine  
Board Member and Newsletter Editor-in-chief, GP-TCM RA  
Chairman, Steering Committee, The FP7 GP-TCM Consortium (2009-2012)  
King's College London  
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Acute kidney injury (AKI) and chronic kidney disease (CKD) are interconnected conditions. They cause end-stage kidney failure, which needs expensive and painful treatments such as dialysis and renal transplantation. The incidence of AKI is on the rise and mortality associated with AKI is high<sup>1</sup>. Data from the USA, for instance, indicate that burden of CKD increased 53% from 2002 to 2016, outpacing any other noncommunicable diseases<sup>2</sup> and by 2030, the burden of end-stage kidney disease will once again increase 29-68%<sup>3</sup>. Indeed, CKD is predicted to become a top-5 cause of mortality by 2040 worldwide<sup>4</sup>.

As a nephrologist and a renal scientist for thirty years, I have been frustrated by the fact that existing strategies are failing to prevent AKI, to stop AKI transition to CKD and to prevent CKD progression to end-stage kidney disease.

"Modern medicine can learn from traditional practices", concluded the FP7 GP-TCM consortium, EU's first Coordination Action on modernisation of TCM<sup>5</sup>. As the PI of the project, I have been invited to contribute a TCM-inspired Special Article to *Nephron*<sup>6</sup>, in which I propose that innovation in nephrology can be catalysed by the wisdom from *Yellow Emperor's Inner Canon*: "When there is sufficient protective *qi* inside, pathogenic factors have no way to hurt the body; when pathogenic factors cause damage, the internal *qi* must be deficient." Herein, *qi* means the internal mechanisms of the body that defend against attack<sup>7</sup>.

I propose that deficient understanding of renal defence mechanisms is a key blind spot in modern nephrology and the collecting duct meets many criteria as a critical renal protector against injury. It's ideally located to protect the entire kidney; it has specialised defending cells, molecules and signalling; it senses and responds to danger; and it appears to be a convergence point of regulation by mediators of AKI and CKD. Hence, AKI/CKD must be considered in light of not only attacks to nephrons, but also changes of defence mechanisms in the collecting duct<sup>8</sup>. To protect endogenous defence and to normalise repressed defence can then be developed as novel strategies for prevention and treatment of AKI/CKD, as the Nobel-Prize winning cancer immunotherapies do<sup>9</sup>.

*Nephron* is the original journal of nephrology that has been published continuously ever since 1964 and was the original official journal of the International Society of Nephrology<sup>10</sup>. An invited TCM-inspired Special Article by the journal indicates that, if properly communicated, a TCM-inspired innovation can be welcomed internationally and this, in turn, may make a special contribution in forging tomorrow's medicine.

After publishing my hypothesis as a poster at the UK Kidney Week (UKKW) 2018, the hypothesis was chosen as the theme of a standalone 60-minute session at the UKKW June 2019 in Brighton. Commenting on my talk, Mrs Elaine Davies, Research Director of Kidney Research UK, tweeted: "Interesting thought, provoking talk", followed by Dr Mark Dockrell, a renal scientist: "Real lateral thinking and a unique approach to a common problem".

[www.gp-tcm.org/news-list](http://www.gp-tcm.org/news-list) 1

The August 2019 Newsletter of  
The GP-TCM Research Association

Dr Mark Dockrell:  
"Real lateral thinking and a unique approach to a common problem."

Kidney Research UK Director:  
"Interesting thought provoking talk"

The Xu's hypothesis was well received at the UKKW2019 in Brighton

"A hypothesis is only as good as the experiments you can design to test it," advised Prof. Sir Robert Lechler, Senior Vice-President of King's College London and President of the Academy of Medical Sciences. I have designed a series of exciting proof-of-concept and translational studies and devised novel tools to enable these experiments<sup>11</sup>. I cordially invite talented students and fellows to join me at King's College London in an epic effort to develop novel diagnosis measures on the defending capacity of the kidney and novel, TCM-inspired, science-based means to "tonify" the kidney so as to prevent and treat AKI and CKD.

What are the implications of my hypothesis to future R&D of TCM and Chinese materia medica? Despite differences between the function-oriented concept of "kidney" in TCM and the anatomical kidney, many functions of the TCM "kidney" have been scientifically proven as functions of the anatomical kidney: regulating water homeostasis, governing the bone through modulating vitamin D activation, controlling hematopoiesis through producing erythropoietin and serving as "the fountain of youth" by producing the anti-aging hormone Klotho. What are the impacts of "kidney"-tonifying TCM drugs on functions of the anatomical kidney? Can some "kidney"-tonifying TCM drugs boost defence of the anatomical kidney and thus play important roles in AKI/CKD prevention and treatment?

To the wider biomedical and pharmaceutical community, what are the implications of the hypothesis? "Given that non-immune defence mechanisms are generally overlooked in modern medicine, it is hoped that this Special Article will inspire not only nephrologists, but also other physicians and medical scientists alike, to perceive health and disease in light of the balance and imbalance between attack and defence," as I concluded in the *Nephron* article.

The *Nephron* Special Article and this editorial are dedicated to the late Prof. Peter Hylands, co-founder of King's Centre for Integrative Chinese Medicine and the founding Treasurer of GP-TCM RA, for this irreplaceable mentorship, invaluable collaboration and inspirational encouragement and support<sup>12</sup>. I had talked with Peter for a number of times on this hypothesis and he had always been highly supportive of publishing it to enhance awareness, arouse interest and build collaboration. A Memorial in celebration of Peter's great academic and non-academic contributions will be held at King's College London on 9<sup>th</sup> October. Should you wish to attend, please do let me know.

Finally, to read the *Nephron* paper, please visit: <https://www.karger.com/Article/FullText/502452>

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7. Sanmamed MF, Chen L. *Cell* 2018;175:31-26
8. Fine LG. *Nephron Exp Nephrol* 2003;93:e1-e2

[www.gp-tcm.org/news-list](http://www.gp-tcm.org/news-list) 2

KING'S HEALTH PARTNERS

Pioneering better health for all

Key stakeholders, honorary advisors, collaborators,  
regulators, WHO, NHS, industry, patients, the public, etc.

**TCM**

**KHP**

Project steering committees to conduct quality control

Holistic, personalised, function-oriented diagnoses



**Four** diagnostic methods (Inspection, Auscultation & olfaction, Inquiry and Palpation) are the key to TCM diagnosis

Use of herbal drugs and other types of medication



Over **11,000** botanical species, **1600** zoological species and **80** mineral substances

A traditional medicine with over 2000 years of text record



By 1911, **410** volumes, **800** Chinese *materia medica* works have been published

Non-drug therapies, e.g., acupuncture, Tai-chi and tuina



**A dozen** of non-drug therapies also include cupping, Gua Sha, lotus position, medical Qigong, meditation, etc.



# King's CICM 1.0 2013-2024

- **Leaderships** of global collaborative networks and good practices in TCM research
- **Prestigious award:** Qihuang International Prize 2020
- **Impactful publications:** 25 TCM-related papers
  - three with >200 citations; four >100 citations
- **21st century TCM database** licensed to Tim Tec LLC and **21st century herbal QC patents;**
- **Three UK Kidney Week ICM-related special sessions**
- **Numerous invited presentations**
- **4 PhD students, 3 postdocs, ICM UG and PGT projects.**

**Stage 2:** In 2016, King's CICM was offered KHP fund-raising priority

2013

2015

2017

2019

2021

2023

2014

2016

2018

2020

2022

2024

- **Stage 1:** King's CICM was approved as a KHP initiative by the KHP Research Committee in 2013

Prof. Peter Hylands  
passed away

King's CICM fund-raising was put on ice  
due to the COVID-19 pandemic, etc.

Prof. Peter Houghton  
passed away

# King's CICM 2.0: An Updated Plan

## Fund-raising stage 1 (by end of 2025)

- **Target: £0.5m King's CICM Empowerment Fund**
- **Purpose:** To enable world-class ICM research in kidney and anti-fibrotic therapy by developing and building the King's CICM "brand"
  - King's CICM — website, library and related innovation
  - King's CICM — curriculum and forum
  - King's CICM — R&D and training
  - King's CICM — team development<sup>1</sup>

## Fund-raising stage 2 (by end of 2029)

- **Target: £5m King's CICM Establishment Fund**
- **Purpose:** To facilitate the official launch of the King's CICM by
  - Recruiting global talents, facilitating collaboration and resource integration;
  - Expanding the remit of CICM in a steady & sustainable manner; and
  - Delivering key initiatives ABCDEFG...

2024

2025

2026

2027

2028

2029

On 8/10/2024,  
King's CICM  
fundraising was  
re-launched

### 01/01/2025 - 26/02/2025

- King's CICM fundraising strategy & handbook are updated
- **A renowned scientific advisory board is established**
- A £1k donation: 1st HAB Meeting and Forum held on 5th Jan. 2025
- **A £3k donation: a King's CICM website is being developed**
- A King's CICM Faculty is established
- **Fundraising for Hylands/Houghton Scholarship started**

### King's CICM official launch

- As soon as fundraising targets are met;
- **Coordinated in celebration of King's 200<sup>th</sup> anniversary**



KING'S HEALTH PARTNERS

Pioneering better health for all

# The King's Centre for Integrative Chinese Medicine

## Our Staff and Scientific Advisors:

- **A Growing List of KHP Members of Staff Specialising in**
  - **Cancer and Pharmacology** (Prof. Khuloud Al-Jamal, Prof. Miraz Rahman, Prof. Eric So)
  - **Cardiovascular Biology** (Dr. Haotian Gu, Dr. Richard Siow, Dr. Min Zhang, Dr. Qiuping Zhang)
  - **Medical Humanities** (Prof. Fay Bound Alberti, Prof. Chris Berry)
  - **Medical Statistics, AI and Digital Technology** (Prof. Yanzhong Wang)
  - **Nephrology** (Dr. Qihe Xu, ex-Prof. Iain Macdougall, Mr. Mazhar Noor)
  - **Patient & Public Involvement** (Ms Deborah Johnston)
  - **Traditional Chinese Medicine** (Ms Titta M. Laattala )
- **51 National & International Leaders** in TCM Care, Research & Education
  - **Guiding as a Prestigious Honorary Advisory Board** co-chaired by Professor Yung-Chi Cheng (Yale) and Professor Clara Lau (HKU)

# As Our Expertise Grows, Our R&D Remit Will Expand to More Health Threats Aligned with WHO & NHS priorities and Patient & Public Needs



Executive Board  
156th session

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Agenda item 7

EB156(20)

10 February 2025

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## 2. REQUESTS the Director General:

(1) to advance kidney disease as a noncommunicable disease of increasing global priority, in addition to cancer, cardiovascular diseases (heart disease and stroke), diabetes and respiratory diseases, as well as mental health, which have been recognized as the major causes of death and disability;

[https://apps.who.int/gb/ebwha/pdf\\_files/EB156/B156\\_\(20\)-en.pdf](https://apps.who.int/gb/ebwha/pdf_files/EB156/B156_(20)-en.pdf)

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# Acknowledgements

## ☐ Funders



PuraPharm PhD Scholarship, Sino-British Fellowship Trust, Bogue Fellowship, International Society of Nephrology, The UK Centre of Chinese Medicine, and our incredibly generous philanthropist donors: Mr. A Chan, Mr. Z He, Dr. L Zhao, Dr. D Jiang

## ☐ Co-workers

- **51 Members of the Honorary Advisory Board** (chaired by Prof. YC Cheng, Yale, and Prof C Clara, HKU)
- **A growing list of King's CICM Faculty Members:** Prof. FB Alberti, Prof. K Al-Jamal, Prof. C Berry, Dr. H Gu, Ms. TM Laattala, Prof. IC Macdougall, Mr. M Noor, Prof. KM Rahman, Dr. R Siow, Prof. ECW So, Prof. Yanzhong Wang, Dr. Q Xu, Dr. M Zhang, Dr. Q Zhang, ...
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