

BRIDGING TRADITIONAL WISDOM AND MODERN HEALTH SCIENCE



Research Office
e-Newsletter

WHO international
standard terminologies on
traditional Chinese medicine



Traditional Chinese Medicine Gains Global Recognition with Key WHO Appointment

An appointment to the World Health Organization's (WHO) new Strategic and Technical Advisory Group for Traditional, Complementary and Integrative Medicine affirms the growing centrality of Traditional Chinese Medicine (TCM) in global public health. This significant role, awarded to HKBU's Vice-President (Research and Development), **Professor Lyu Aiping** (pictured), highlights both the international standing of TCM and the University's leadership in the field.



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RESEARCH HIGHLIGHTS



Non-Invasive Hair Analysis Offers Early Detection of Gestational Hypothyroidism



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A novel, non-invasive hair analysis method has been developed that can detect gestational hypothyroidism up to two months before clinical diagnosis.

By decoding chemical patterns locked in maternal hair, this technique offers a vital window for early intervention and improved prenatal care. The research was led by **Professor Kelvin Leung** from the Department of Chemistry.



Ginseng Found to Modulate Gut Microbiota in Combating Obesity



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New research reveals the scientific mechanism by which ginseng combats high-fat-diet-induced obesity. The study shows that ginseng's unique compounds modulate gut microbiota, promoting beneficial bacteria and providing a scientific foundation for using ginseng-based treatments as a safer alternative for long-term weight management. The findings were published by **Professor Lyu Aiping** and **Professor Xu Jun** from the School of Chinese Medicine.

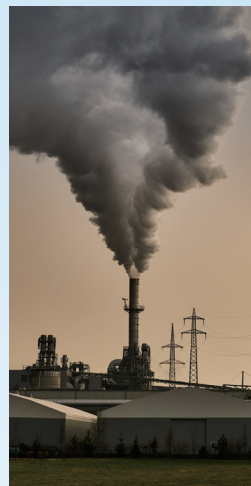


New Therapies for Alzheimer's to Integrate Chinese Medicine and Modern Science



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Two research at HKBU have received a significant boost with RMB 3 million each in regional grants. One project will integrate Chinese medicine with modern science to develop new therapies for neurodegenerative diseases, led by **Professor Li Min** from the School of Chinese Medicine. Another, led by **Professor Wang Shu Jen** from the Department of Physics, will advance disease detection through next-gen organic electronics.



Atmospheric pollutants in Urban Areas Mapped to Assess Health Risks



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A critical study has been awarded over HK\$1.2 million from the NSFC/RGC Joint Research Scheme to investigate organic pollutants in PM_{2.5}.

The research will map these chemicals across Hong Kong and Beijing, analysing how atmospheric transformations impact toxicity to provide scientific evidence for regional pollution control. This research is led by **Professor Hu Di** from the Department of Chemistry.