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School of 中醫藥學院
Chinese Medicine

Adulterated Botanical Supplements in the United States Market

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Date: 3 March 2015 (Tuesday)

Time: 9:30 a.m. - 11:20 a.m.

Venue: DLB719

Language: English

Facilitator: Dr. Zhang Hongjie

Abstract

In the United States, botanicals, including some Traditional Chinese Medicines, are regulated as dietary supplements by the US Food and Drug Administration since 1994. For most supplements there is no required safety or efficacy testing, and this has led to a proliferation of botanical supplement products. The quality of these products is highly variable. Examples of adulteration will be highlighted, from our research using phytochemical fingerprinting as well as a recent case by the New York Attorney General's Office using DNA barcoding.

Biography

Dr. Edward J. Kennelly is a full professor at Lehman College, City University of New York, and is the Executive Officer of the CUNY-wide Ph.D. Program in Biochemistry housed at the Graduate. Since his doctoral research in plant biology at Washington University St. Louis (1993), Dr. Kennelly's research has centered on natural products from food and medicinal plants that impact human health. Prior to joining the faculty of CUNY in 1998, Dr. Kennelly worked as a Senior Staff Fellow at the US Food and Drug Administration (1996-1998) and as a postdoctoral fellow and research professor in pharmacognosy at University of Illinois at Chicago School of Pharmacy (1993-1996). Dr. Kennelly has published over 100 peer-reviewed publications in the field of natural product chemistry, and his research has been supported by the National Institutes of Health, the United States Department of Agriculture, the Chinese Ministry of Education, and the State of New York. Dr. Kennelly is the Editor of the *American Society of Pharmacognosy Newsletter*, and has been elected to be the ASP vice president (2014-2015) and president (2015-2016). Dr. Kennelly is a Fulbright Scholar at the Chinese University of Hong Kong's Institute of Chinese Medicine for academic year 2014-2015 where he is conducting research on how modern Traditional Chinese Medicine as practiced in Hong Kong.

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