



11th Meeting of Consortium for Globalization of Chinese Medicine (CGCM)

Macau, August 20 - 23, 2012

ABSTRACT SUBMISSION FORM

Guidelines for Submission of Abstracts

1. You are invited to submit abstracts to the 11th CGCM Meeting.
2. To support postgraduates to attend the 11th CGCM Meeting, Travel Grants are now open for application.
3. Abstract submission deadline: **July 6, 2012 (Friday)**
4. Abstract can be submitted to centraloffice@tcmedicine.org with the abstract submission form.
5. All abstracts must be submitted in ENGLISH (including the title, abstract text, authors' names, affiliations, figures and graphs).
6. The selected abstracts will be invited for poster presentation and published in the meeting abstract book.
7. Word limit: 300 words including acknowledgement with no more than 2 tables / graphs / figures.
8. Submission of abstracts does NOT constitute registration for the Meeting. All presenters are required to make registration for the Meeting separately.

Travel Grant

Travel grants will be given to selected postgraduates to attend the 11th CGCM Meeting. Awardees will receive up to USD 500, free accommodation (shared room) and waiver of registration fee.

Apply for the Travel Grant

*** Please provide proof of student status and endorsement from supervisors.**

*** Payment method: Pay in cash (USD) onsite upon presentation of an identity card or passport and original receipt of air ticket.**

Abstracts will be divided into the designated categories for program purpose. Please choose one category only.

1. Acupuncture
2. Bioinformatics and Database (Application of "Omics" in TCM Research)
3. Biological Activities and Mechanism Study (please select one of the following)
- Cancer
 - Immunomodulation
 - Metabolism and Drug Interaction
 - Metabolic, Neural Diseases and Aging Process
4. Clinical Trial (please select one of the following)
- Cancer, Liver Disease and Inflammation
 - Other Diseases and Safety
5. Education
6. Herbal Resources (please select one of the following)
- Cultivation and Herbal Quality
 - Identification and Manufacturing

<input type="checkbox"/> 7. Interregional Collaborations in Industry and Academia
8. Natural Products (please select one of the following)
<input type="checkbox"/> Biological Activities
<input type="checkbox"/> Identification and Bio-transformation
<input type="checkbox"/> 9. Objective and Standard Assessments of Diagnosis in TCM
<input type="checkbox"/> 10. Regulatory Affairs

Corresponding Author						
Title:	<input checked="" type="checkbox"/> Prof	<input type="checkbox"/> Dr	<input type="checkbox"/> Mr	<input type="checkbox"/> Mrs	<input type="checkbox"/> Ms	<input type="checkbox"/> Others:
First name :	Ming-Ching	Last name:	Kao			
Position :	Professor					
Department:	Department of Biological Science and Technology					
Institution / Company:	China Medical University (Taiwan)					
Mailing address:	91 Hsueh-Shih Road, Taichung, Taiwan 40402					
Telephone: (country/area code)	886-4-22053366 ext 2206	Fax: (country/area code)	886-4-22071507			
E-mail: mckao@mail.cmu.edu.tw						
Name and contact details (phone, fax, e-mail) of your assistant						

Other Author 1						
Title:	<input type="checkbox"/> Prof	<input checked="" type="checkbox"/> Dr	<input type="checkbox"/> Mr	<input type="checkbox"/> Mrs	<input type="checkbox"/> Ms	<input type="checkbox"/> Others:
First name :	Han-Peng	Last name:	Kuo			
Position :	Post-doc					
Department:	Department of Biological Science and Technology					
Institution / Company:	China Medical University (Taiwan)					
Mailing address:	91 Hsueh-Shih Road, Taichung, Taiwan 40402					
Telephone: (country/area code)	886-4-22053366 ext 2206	Fax: (country/area code)	886-4-22071507			
E-mail: hanhaning@yahoo.com.tw						
Name and contact details (phone, fax, e-mail) of your assistant						

Other Author 2						
Title:	<input type="checkbox"/> Prof	<input checked="" type="checkbox"/> Dr	<input type="checkbox"/> Mr	<input type="checkbox"/> Mrs	<input type="checkbox"/> Ms	<input type="checkbox"/> Others:
First name :	Jah-Yao	Last name:	Liu			
Position :	Associate Professor					
Department:	Department of Obstetrics & Gynecology					
Institution / Company:	National Defense Medical Center					
Mailing address:	Department of Obstetrics & Gynecology, Tri-Service General Hospital, Taipei, Taiwan 114					
Telephone: (country/area code)	886-2-87923100 ext 18695	Fax: (country/area code)				
E-mail: jyliu@mail.ndmctsg.h.edu.tw						
Name and contact details (phone, fax, e-mail) of your assistant						

Abstract (300 words including acknowledgement with no more than 2 tables / graphs / figures)

Title:

Suppression of breast cancer metastasis by berberine involving Akt pathway modulation

Authors:

Ming-Ching Kao*, Han-Peng Kuo, Tzu-Chao Chuang, Hsiu-Hsueh Tseng, Shih-Chung Hsu, Chiao-Che Chen, Yu-Chang Chen, Chao-Lin Kuo, Yueh-Hsiung Kuo, and Jah-Yao Liu

Content:

Berberine (BBR) is a natural alkaloid known to have anti-tumor activity against a wide variety of human cancer cells. However, whether BBR could repress the breast cancer metastasis was not clear. In this study, we investigated the suppression effect of BBR on breast cancer metastasis and its relevant molecular mechanisms. Our results demonstrated that BBR down-regulates the enzymatic activities and expression levels of matrix metalloproteinase 2 (MMP2) and matrix metalloproteinase 9 (MMP9), two of the metastasis-related enzymes. Suppression of MMP2 and MMP9 by BBR involved in blocking the Akt/NF- κ B and AP-1 signaling pathways. Furthermore, the migrating capability of the highly metastatic breast cancer MDA-MB-231 cells was reduced by BBR. In addition, BBR was found to repress the expression of the Akt protein by modulating the mRNA expression level and protein degradation of Akt. Taken together, this study suggests that BBR can reduce the metastatic potential of highly metastatic breast cancer cells. Therefore, we propose that BBR may be a useful adjuvant therapeutic agent in the treatment of breast cancer by targeting the Akt pathway.

**For inquiries, please contact Miss Joanna Law at CGCM Central Office,
via email: centraloffice@tcmedicine.org, telephone: +852-2816-0847 or fax: +852-2819-3950**

- End of Form -