

✦ SEMINAR ANNOUNCEMENT ✦

Anti-proliferative and Apoptosis Effect of *Poria Cocos* Extracts: Identification of an Active Ingredient

Education

University of Wisconsin at Madison
Year 1984 - B.S., Pharmacy
Year 1988 - M.S., Pharmaceutics
Year 1991 - Ph.D., Pharmaceutics

Membership in Professional Organisations

- American Association of Pharmaceutical Scientists (AAPS)
- Sigma Xi, The Scientific Research Society
- American Association of Cancer Research

Professional Experiences

<u>YEAR</u>	<u>TITLE</u>	<u>INSTITUTION</u>
1984 – 1985	Pharmacist Intern	St Joseph Hospital, Marshfield, Wisconsin
1985 – 1988	Teaching Assistant	University of Wisconsin at Madison, School of Pharmacy
1988 – 1991	Research Assistant	University of Wisconsin at Madison, Department of Pharmaceutical Sciences
1991 – 1994	Postdoctoral Fellow	University of Kansas, Department of Pharmaceutical Chem.
1994 – June 2001	Assistant Professor	University of Colorado Health Sciences Center, School of Pharmacy
2001 July - Present	Associate Professor	University of Colorado Health Sciences Center, School of Pharmacy

by

Associate Professor Lawrence Ka-Yun Ng
Department of Pharmaceutical Sciences,
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on

Date: Monday, 19th July 2004

Time: 11.00 - 12.00 hrs

Venue: Pharmacy Tutorial Room (S4-05-16)

Synopsis:

Poria cocos (*P. cocos*) is a medicinal herb widely used in Asian countries for its sedative and diuretic action. In addition, it is used as tonic supplement to aid in recovery from chronic diseases. Alcoholic extracts of *P. cocos* (PCE) have been reported to contain various lanostane-type triterpenoids. Aside from their inhibitory effect on tumor promotion activity, lanostane-type triterpenoids have been found to cause moderate cytotoxicity in a number of human cancer cell lines. This presentation will discuss our recent findings regarding the anti-cancer effect and potential molecular mechanism of PCE and its major constituent in human prostate cancer cell lines. Our results provide compelling evidence that lanostane-type triterpenoids from *P. cocos* may be viable inhibitors of tumor promotion and progression that can be developed for chemoprevention of prostate cancer in particular and other cancers in general.

ALL ARE WELCOME