

Department of Dermatology Grand Rounds

Glycobiology and the Skin

- Brief introduction to Glycobiology
- Brief introduction to Glycan-binding proteins
- Brief review of galectin-1
- Galectin-3 in innate immunity and inflammation
- Galectin-7 and psoriasis
- Galectin-12 and adiposity

Fu-Tong Liu, MD, PhD

Distinguished Professor and Chair Emeritus
Department of Dermatology
UC Davis Health System

Wednesday, July 24, 2013

Hewitt Hall

8 to 8:45 a.m.—Patient Observation

Beckman Laser Institute

Conference Center and Research Library

8:45 to 10 a.m.—Discussion

10 to 11:15 a.m.—Lecture

Activities approved for *AMA PRA Category 1 Credit(s)*[™].

Special thanks to Daavlin and Amgen for exhibiting at this session.



Fu-Tong Liu, MD, PhD received his BS degree in Chemistry from National Taiwan University in 1971 and PhD degree in Chemistry from the University of Chicago in 1976. While maintaining his NIH-funded research program in San Diego, he attended the two-year PhD to MD program at University of Miami (1985-1987) and then received dermatology residency training at University of California-San Diego (1990-1993). He was previously Professor and Chair (2001-2011) and Distinguished Professor and Chair (2011-2012) of the Department of Dermatology at UC Davis. Since 2010, he has been Distinguished Research Fellow and Director of Institute of Biomedical Sciences at Academia Sinica, and Professor in the College of Medicine at National Taiwan University.

Dr. Liu is instrumental in the discovery of the family of animal lectins galectins and is a leading investigator in the studies of these family members. His current research is focused on the roles of galectins in inflammation, innate immunity, cancer progression, wound healing, and adiposity. Dr. Liu is also a board-certified dermatologist specialized in medical dermatology.

Target Audience: The target audience for the Department of Dermatology Grand Rounds is attending physicians, fellows, community physicians and other health care professionals.

Statement of Purpose: The format will include lectures detailing diagnosis, management and therapeutic interventions for selected dermatologic topics, and occasional case presentations with review of interesting cases. Clinical test results and radiographic findings will also be included. Current landmark research findings will be discussed.

Accreditation statement: The University of California, Irvine School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Dermatologic Grand Rounds Global Objectives

- Summarize core competencies in Dermatology as identified by the Accreditation Council for Graduate Medical Education.
- Assessment and management of complex skin diseases including but not limited to cancer.
- Cite current research findings in the field of dermatology and dermatopathology.
- Discuss key issues in the delivery of dermatologic care to a wide range of therapeutic modalities and combination therapy to increase efficacy and minimize side effect profiles.

Designation statement: The University of California, Irvine School of Medicine designates this live activity for a maximum of 3 AMA PRA Category 1 Credits[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure: Lecturer: Dr. Liu has disclosed no affiliations, arrangements or financial agreements that could be a potential conflict of interest with this presentation. This lecturer has further disclosed that this lecture will not include discussion of unlabelled,

unapproved drugs or devices.

Course Director/Planners: Francis Dann, MD and Christopher B. Zachary, FRCP, have disclosed that, as course director and planners they have no affiliations, arrangements or financial agreements, which could be perceived as a potential conflict of interest. Kristen Kelly, MD, has disclosed that, as a course planner, she receives research grant support from Graceway Pharmaceuticals and Candela Corporation, and that she provides research support for Light Sciences Oncology and Nitto Denko, which could be perceived as a potential conflict of interest in the planning of this course. Kristen Kelly, MD, has disclosed that based on her potential conflict of interest, to the best of her ability, she will ensure that any speakers or content she suggests are free from commercial bias. She will also excuse herself from planning activity content in which she has a conflict of interest. Judy Hobert has also disclosed that, as an administrative staff, she has no affiliations, arrangements or financial agreements, which could be perceived as a potential conflict of interest.

ADA Statement: In compliance with the Americans with Disabilities Act, contact us three days in advance about special needs for any attendee. Contact Judy Hobert at jhobert@uci.edu or 949-824-4405. This activity is in compliance with **California Assembly Bill 1195** which requires continuing medical education activities with patient care components to include curriculum in the subjects of cultural and linguistic competency. For specific information regarding Bill 1195 and definitions of cultural and linguistic competency, please visit the CME web site at www.cme.uci.edu.