



Dermatology Grand Rounds

Visiting Professor Lecture Yale School of Medicine

Presented by: Yale School of Medicine's Department of Dermatology

"Autoinflammation in skin diseases and cancer"

by

Mayumi Fujita, M.D., P.h.D

Professor, Departments of Dermatology and Immunology/Microbiology
University of Colorado Anschutz Medical Campus

Wednesday, October 23, 2019 | 10:00 am

Fitkin Amphitheater, LMP 1094, 789 Howard Avenue

Course Director: Richard L. Edelson, M.D.

ACCREDITATION

The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.

TARGET AUDIENCE

The target audience for the Dermatology Grand Rounds is composed of attending physicians, residents, fellows, medical students, nurses, and other health care providers.

NEEDS ASSESSMENT

Autoinflammatory diseases are a relatively new and emerging category of diseases with dermatologic, rheumatologic and systemic manifestations. Central to the pathogenesis of autoinflammation is the inflammasome, a multi-protein complex that activates an inflammatory cascade. Due to the overlapping and sometimes non-specific symptoms, diagnosing and managing the autoinflammatory syndrome patients can be challenging. Recently, aberrant inflammasome activation and/or autoinflammatory features have been recognized in a wide range of human diseases, including neurodegenerative, cardiovascular, metabolic syndromes as well as skin diseases (acne, psoriasis, pyoderma gangrenosum, lupus erythematosus, vitiligo, etc) and cancer. Understanding molecular pathogenesis of autoinflammation and the discovery of novel inflammasome inhibitors hold promise for the development of new anti-inflammatory and immunomodulatory drugs to treat inflammasome-related diseases.

LEARNING OBJECTIVES

At the conclusion of this activity, participants will be able to:

1. Review autoinflammation pathway, inflammasome activation and consequences of inflammasome dysregulation
2. Identify skin diseases with aberrant inflammasome signaling, such as autoinflammatory syndromes and inflammatory skin diseases
3. Review their clinical findings, diagnostic tools and therapeutic options
4. Apply what we know about autoinflammatory syndromes to understand the pathophysiology of skin inflammation and tumor inflammation

FACULTY DISCLOSURES

Mayumi Fujita, MD PhD – "NONE"

Richard Edelson, Course Director -Transimmune, AG

It is the policy of Yale School of Medicine, Continuing Medical Education, to ensure balance, independence, objectivity and scientific rigor in all its educational programs. All faculty participating as speakers in these programs are required to disclose any relevant financial relationship(s) they (or spouse or partner) have with a commercial interest that benefits the individual in any financial amount that has occurred within the past 12 months; and the opportunity to affect the content of CME about the products or services of the commercial interests. The Center for Continuing Medical Education will ensure that any conflicts of interest are resolved before the educational activity occurs.

This course will fulfill the licensure requirement set forth by the State of Connecticut. There is not corporate support for this activity.

CME CREDIT

The Yale School of Medicine designates this educational activity for 1 *AMA PRA Category 1 Credit(s)*TM. Physicians should only claim credit commensurate with the extent of their participation in the activity.