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
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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, Corse Director -Transimmune, AG

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

CME CREDIT
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