



CfPA

The Center for Professional Advancement
Accredited Technical Training Worldwide
PO Box 7077, East Brunswick NJ 08816
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ON-DEMAND Online Training Course

Skin Inflammation – Reasons, Prevention, Treatment and Testing

Location: Your Computer

Offering # 0808-703

Priority Code: 520

WHO SHOULD ATTEND

Professional individuals who work in the following areas will benefit from this online training:

- Topically applied product development in Pharmaceuticals, Cosmetics and Personal care
- Dermatology community and related industries
- Professionals in hospitals that work on topical chemicals exposure
- Professionals in regulatory institutions that work on dermal exposure

LEARNING OBJECTIVES

Upon completion of this course, you will be able to:

- Describe the different types of skin inflammation and how they differ from primary irritation
- Get an overview on the different triggers for inflammation, available ways to prevent it and treatment options
- Outline the key aspects of known biochemical mechanisms for skin inflammation
- Summarize some of the available methodologies to assess levels of inflammation
- Delineate the latest research on the correlation between chronic inflammation and skin aging

COURSE DESCRIPTION

Emerging research on inflammation in general and in the skin in particular links it to premature aging and aging associated diseases such as cancer and xerosis. When the skin is inflamed its barrier function is compromised. It is red, swollen, warm and painful. The pharmaceutical and personal care industries are investing in finding better ways to prevent and address skin inflammation. The objective of this 90-minute online course is to identify the current knowledge on this topic and point at possible available resolution and testing options.

Module 1:

Definitions, types and symptoms:

- Inflammation vs. irritation
- Inflammatory allergic reaction

Triggers for inflammation:

- Genetic and immune related
- Contact, drug or chemical
- UV exposure

Module 2:

Major biochemical paths:

- Arachidonic acid cascade
- Mast & Langerhans cells
- Additional immune system factors

Chronic and disease related:

- Atopic dermatitis, Psoriasis
- Acne, Rosacea, Pain Relief

Module 3:

Topical anti-inflammatories:

- Corticosteroids & Non steroidal
- Natural and cosmetic remedies

Testing protocols:

- In vivo
- In vitro skin irritation study
- Development of in vitro sensitization- from animals to markers

COURSE DIRECTOR

Dr. Nava Dayan, Skin Care Research Expert

ACCREDITATIONS



The Center for Professional Advancement has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET), 8405 Greensboro Drive, Suite 800, McLean, VA 22102. In obtaining this approval, The Center for Professional Advancement has demonstrated that it complies with the ANSI/IACET Standards which are widely recognized as standards of good practice internationally. As a result of their Authorized Provider membership status, The Center for Professional Advancement is authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standards.



The Center for Professional Advancement (CfPA) is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. Continuing Education Units (CEU) will be awarded only upon successful completion of the course, i.e., attendance at essentially all the formal sessions and submission of a course evaluation. The CEU rate is 0.1 CEU per contact hour; statement of credit will be mailed within six weeks. You will have an opportunity to evaluate your successful completion of these course objectives through interactive question and answer sessions. This offering is Program# 716-000-08-562-L04. If interested in ACPE credits, notify CfPA immediately upon completion of this course.

REGISTRATION

TUITION* – **Single Rate: U.S. \$99.00 per person** **Group Rate: U.S. \$99.00 per person****

Register at www.cfpa.com. Enter **Course Offering #0808-703** into **Quick Jump**. To register use **Priority Code: 520**.

For Questions and Information call Customer Service at 732-613-4500.

Please Note: Multiple participants are not authorized to share access provided to a single registrant, a single dedicated seat license must be purchased for each individual. CfPA reserves the right to cancel access or collect the group rate payment if this requirement has been violated. Only registered participants will receive accreditation.

ABOUT ON-DEMAND:

Our pre-recorded on-line training courses are available for viewing at your convenience at your computer. Register for a CfPA on-demand course, your registration will be processed within two (2) business days. After payment and registration are complete you will receive an email from olinetraining@cfpa.com with your password to access the on-demand course. You will have two (2) business days to view the course. You MUST complete all polls and the course evaluation to receive your accreditation certificate for this course.

TERMS AND CONDITIONS

***Payment:** Tuition payable in US funds net of all charges. Payment is due at time of registration in the form of a credit card. Please contact CfPA's Customer Service for other payment options.

****Group Rate:** The Group Rate is for two or more enrollments, up to five registering from the same company at the same time. For groups of six or more, please contact Customer Service for group pricing. **Cancellations/No Show: "Live"** - Registrants may cancel up to two working days prior to the course start date and will receive a letter of credit to be used towards a future course up to one year from date of issuance. No credit will be issued for no-shows and/or cancellations less than two working days prior to the course. : **"On-Demand"** - No refund or credit will be issued for no-shows and/or cancellations of on-demand training courses. CfPA is not responsible for any outside related costs incurred by registrant's cancellation.