



CfPA

The Center for Professional Advancement

Accredited Technical Training Worldwide

PO Box 7077, East Brunswick NJ 08816

Phone 732-238-1600 • Fax 732-238-9113

ON-DEMAND Online Training Course Natural Ingredients in Formulating Skin Care Products

Location: Your Computer

Offering # 0812-701

Priority Code: 520

WHO SHOULD ATTEND

Individuals from the cosmetic and pharmaceutical industries who are involved in the following areas related to development of skin care formulations will find this training very valuable:

- Formulation Chemists
- Business and Strategic Planning
- Regulatory
- Marketing and Sales
- Research and Development

LEARNING OBJECTIVES

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

- Review the source and site examples of natural compounds with therapeutic properties and their use in skin care
- Describe the effects of environment, processing and handling on these compounds
- Use tools to better understand formulation, design, stability, and efficacy

COURSE DESCRIPTION

This 90-minute **accredited** training will offer the most updated status of the use of natural compounds in cosmetic and personal care products. Their source, processing, safety and efficacy, stability and formulations aspects will be discussed.

The Natural Products Association (NPA) in the US suggests that only 20% of natural personal care products are truly natural. This gap is explained by the existence of several competing standards regarding the definition of "natural," "green" or "organic" in personal care products. There is confusion with the perception of "natural as safe". Those compounds that have been used in the industry for many years for which complete toxicological profiles were generated are now attacked for bad publicity and are perceived as "non-safe and non-natural". A major issue is the true value of use of "naturals" in topically applied formulations.

Module 1:

- Sources of natural ingredients
- Agricultural aspects- location, season, treatment
 - Plant extracts
 - Plant derived oils
- Implications of processing on natural extracts
- The holistic approach of inclusion of a whole extract vs. the purification approach of isolating an active ingredients

Module 2:

- Processing on natural oils
 - Definitions
 - Implications on composition
 - Stability
 - Efficacy
- Chemical markers in plant derived compounds
- Environmental aspects
- Batch to batch consistency

Module 3:

- Effective concentrations of natural ingredients: in vitro and in vivo testing
- Formulations aspects: pH, incompatibilities, chemical and physical stability
- Skin absorption and metabolism of natural ingredients
- Safety assessment

Question and Answer Session

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.

REGISTRATION

TUITION* - **Single Rate: U.S. \$295.00 per person** **Group Rate: U.S. \$245.00 per person****

Register at www.cfpa.com. Enter **Course Offering #0812-701** 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.

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.