



ACTIVITY DESCRIPTION FORM (ADF)

Accreditation Council for Pharmacy Education

135 S. LaSalle Street, Suite 4100 Chicago, IL 60603-4810

Phone (312) 664-3575 Fax (312) 664-7008 <http://www.acpe-accredit.org>

UNIVERSAL ACTIVITY NUMBER (UAN): 0864-9999-23-083-H01-P

Provider Name: CPE Consultants, LLC

Cancel

Cosponsor(s): 9999 Joint Providership (H)

Activity Type: Knowledge

Activity Title: Supporting the Immune System through Functional and Integrative Medicine

Learning Objectives:
(Pharmacists)

At the completion of this activity, the participant will be able to:

- Describe functions of the innate and adaptive immune system
- Discuss the role of mitochondrial function in relation to supporting the immune system
- Recognize the connection between the GI tract and immune function
- Define the differences between autoimmune and autoinflammatory conditions
- Discover the impact of stress on the immune system
- Discuss impaired detoxification and its impact on immune function
- Review the impact of diet and lifestyle on immune system
- Identify the laboratory evaluation for patients with a stressed immune system and impaired detoxification
- Synthesize a systems medicine approach in a case study
- Describe the impact of nutrient depletions and medication related nutrient depletions on immune function.
- Recommend proper dose to mitigate the risk of side effects related to drug induced nutrient depletions
- Discuss micronutrient testing
- Define a nutrient and how each nutrient interacts with the immune system
- Describe common nutrient depletions caused by medications
- Discuss dietary and lifestyle modifications for balancing immune response and decreasing inflammation
- Review nutraceutical products for immune modulation
- Discuss novel therapeutic approaches for modulating immune response
- Review stressors that affect the immune system and toll like receptors.
- Review the use of peptides in immune support.
- Discuss the various uses of LDN in the treatment of autoimmune conditions.
- Review the various botanicals to support immunocompetency.
- Describe the role of endocannabinoids in the immune system
- Describe phytocannabinoids and how they interact with CB receptors
- Synthesize data on cannabinoids and immune function
- Discuss the 5 R Approach for addressing gastrointestinal imbalances
- Apply knowledge of immune interventions to patient cases.

Activity Length: 7.5 **Contact Hours Or** 0.75 **CEUs.**

Target Audience: Pharmacists

Home Study Format(s): Web-based

Keyword(s): Immunology
Interventions

Initial Release Date: 12/07/2023

Planned Expiration Date: 12/07/2026

Originally Submitted By: Cheryl Reese

Submission Date: 12/05/2023

Last Modified By: Cheryl Reese

Modification Date: 12/05/2023



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