



## A Functional Medicine Approach To Pain and Inflammation

### Learning Objectives:

*Upon successful completion of this knowledge-based course pharmacists should be able to:*

1. Describe the pathophysiology of pain and inflammation.
2. Review inflammatory pathways and cascades.
3. Discuss natural product mechanisms of action for addressing pain and inflammation.
4. Recommend appropriate dietary interventions to address pain and inflammation.
5. Determine when to incorporate nutrient supplementation alongside dietary approaches.

### Faculty:

#### **Frank Bodnar, DC MS**

Brand Manager

Ortho Molecular Products

#### **Thomas Guilliams, PhD**

VP Science

Ortho Molecular Products

#### **Lara Zakaria, Rph MS CNS CDN IFMCP**

Pharmacist

### Faculty Disclosure:

Dr. Bodnar and Dr. Guilliams report that they are both affiliated with Ortho Molecular Products. CEImpact has taken appropriate action for conflict resolution, including external peer review.

Lara Zakaria does not report any actual or potential conflicts of interest in relation to this continuing pharmacy education course.

### CPE Credit



CEImpact is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

**UAN:** 0107-9999-20-074-H01-P | 0.40 CEUs/4.0 Hrs.

0107-9999-20-074-L01-P | 0.40 CEUs/4.0 Hrs.

On Demand Available: February 29<sup>th</sup>, 2020

On Demand Expiration: February 29<sup>th</sup>, 2023

Live Available: February 29<sup>th</sup>, 2020



Live Expiration: March 30<sup>th</sup>, 2020

*ON DEMAND: To obtain 4.0 contact hours of continuing pharmacy education credit (0.4 CEU), participants must participate in the on-demand activity and complete the exam\* and evaluation. Once successfully completed, click the Submit button. The CPE Statement of Credit can then be accessed on CPE Monitor, [www.MyCPEMonitor.net](http://www.MyCPEMonitor.net).*

*LIVE: To obtain 4.0 contact hours of continuing pharmacy education credit (0.4 CEU), participants must participate in the live activity, and logon to the CEimpact website to complete the evaluation. Once successfully completed, click Submit. The CPE Statement of Credit can then be accessed on CPE Monitor, [www.MyCPEMonitor.net](http://www.MyCPEMonitor.net).*

### **Course Format**

Live and On Demand.

### **Financial Support**

Funding was provided by OrthoMolecular Products.

### **Course Fee**

\$179 for live/on demand for the full day which includes 7 hours of CE, up to \$250 for platinum package.

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\*CEimpact provides you with two (2) opportunities to complete the exam.



## Medical Cannabis and the Treatment of Pain: Holy Grail or Total Fail

### Learning Objectives:

*Upon successful completion of this knowledge-based course pharmacists should be able to:*

1. Describe the history of medical cannabis and the recent changes to the legal status of CBD.
2. Assess current literature for various medical cannabis products' safety and efficacy in the treatment of acute and chronic pain.
3. Using specific patient cases, develop a medical cannabis treatment plan for patients with various pain syndromes.

### Faculty:

**Lindsey Elmore, PharmD BCPS**

Owner and CEO

Lindsey Kay Elmore, LLC

### Faculty Disclosure:

Lindsey Elmore does not report any actual or potential conflicts of interest in relation to this continuing pharmacy education course.

### CPE Credit



CEImpact is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

**UAN:** 0107-9999-20-073-H01-P | 0.20 CEUs/2.0 Hrs.

On Demand Available: February 29<sup>th</sup>, 2020

On Demand Expiration: February 29<sup>th</sup>, 2023

*ON DEMAND: To obtain 2.0 contact hours of continuing pharmacy education credit (0.2 CEU), participants must participate in the on-demand activity and complete the exam\* and evaluation. Once successfully completed, click the Submit button. The CPE Statement of Credit can then be accessed on CPE Monitor, [www.MyCPEMonitor.net](http://www.MyCPEMonitor.net).*

### Activity Format

On Demand.



### **Financial Support**

Funding was provided by OrthoMolecular Products.

### **Activity Fee**

\$179 for live/on demand for the full day which includes 7 hours of CE, up to \$250 for platinum package.

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\*CEimpact provides you with two (2) opportunities to complete the exam.



## Incorporating Functional Medicine into Pharmacy Practice

### Learning Objectives:

*Upon successful completion of this knowledge-based course pharmacists should be able to:*

1. Describe various functional medicine pharmacist practices.
2. Review key resources available for clinical support when practicing functional medicine.
3. Determine best-practices for incorporating functional & integrative medicine into several types of pharmacy practice including community, ambulatory care, and private consulting.

### Faculty:

**Melody Hartzler, PharmD, BCACP, BC-ADM**

Clinical Pharmacist

PharmToTable, Western Medicine, Cedarville University

### Faculty Disclosure:

Melody Hartzler reports that she is affiliated with PharmToTable.Life. CEimpact has taken appropriate action for conflict resolution, including external peer review.

### CPE Credit



CEimpact is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

**UAN:** 0107-9999-20-072-H04-P | 0.10 CEUs/1.0 Hrs.

On Demand Available: February 29<sup>th</sup>, 2020

On Demand Expiration: February 29<sup>th</sup>, 2023

*ON DEMAND: To obtain 1.0 contact hours of continuing pharmacy education credit (0.1 CEU), participants must participate in the on-demand activity and complete the exam\* and evaluation. Once successfully completed, click the Submit button. The CPE Statement of Credit can then be accessed on CPE Monitor, [www.MyCPEMonitor.net](http://www.MyCPEMonitor.net).*

### Activity Format

On Demand.

### Financial Support

Funding was provided by OrthoMolecular Products.



**Activity Fee**

\$179 for live/on demand for the full day which includes 7 hours of CE, up to \$250 for platinum package.

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\*CEimpact provides you with two (2) opportunities to complete the exam.