

Continuing Education Quiz

Natural Products: Choline to Coenzyme Q10

- Choline is an essential component of plasma:
 - angiotensins.
 - carbohydrates.
 - lipoproteins.
 - prostaglandins.
- Choline has orphan drug status for intravenous injection in TPN therapy in patients with:
 - Alzheimer's disease.
 - cystic fibrosis.
 - Tourette's disease.
 - hepatic steatosis.
- Chondroitin is a biologic polymer that serves as a flexible connecting matrix between protein filaments in:
 - bone.
 - cartilage.
 - ligaments.
 - skin.
- Chondroitin sulfate is often used in conjunction with:
 - glucosamine.
 - vitamin B-6.
 - mesalamine.
 - vitamin D.
- Chromium is part of:
 - glucose tolerance factor.
 - intrinsic factor.
 - platelet aggregation factor.
 - tumor necrosis factor.
- The typical dose of oral chromium picolinate for reducing serum triglycerides in patients with type 2 diabetes is:
 - 50 mcg three times a day.
 - 200 mcg three times a day.
 - 50 mg daily.
 - 200 mg daily.
- The German Commission E has approved the use of cinnamon for:
 - body odor.
 - rheumatoid arthritis.
 - gastric upset.
 - diabetes mellitus.
- On contact with sensory receptors for pain perception, eugenol inhibits the production of:
 - bradykinins.
 - catecholamines.
 - leukotrienes.
 - prostaglandins.
- Coenzyme Q10 is an essential coenzyme in the production of which of the following substances in oxidative respiration?
 - Adenosine triphosphate
 - Cytosine triphosphate
 - Guanine triphosphate
 - Methionine triphosphate
- Supplementation with coenzyme Q10 is claimed to be needed in patients receiving:
 - ACE inhibitors.
 - HMG CoA reductase inhibitors.
 - prostaglandin E inhibitors.
 - xanthine oxidase inhibitors.

Natural Products:

Choline to Coenzyme Q10

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Sudro Hall, Room 123
Fargo, ND 58105

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Name _____

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Your SSN will be used to maintain a permanent record of the courses you have taken. Your SSN will be kept confidential and will be used ONLY to identify you at NDSU.

Answer sheet may be copies as needed but original of answers is required.

COURSE EVALUATION

Evaluation Must Be Completed To Obtain Credit

How much time did this lesson require? _____

Today's Date _____

EXPIRATION DATE: 11-15-08

Learning objectives on first page were addressed.

1 Disagree - 5 Agree

Objective 1	1	2	3	4	5
Objective 2	1	2	3	4	5
Objective 3	1	2	3	4	5
Material was well organized and clear.	1	2	3	4	5
Content sufficiently covered the topic.	1	2	3	4	5
Material was non-commercial in nature.	1	2	3	4	5

Answer Sheet:

- | | |
|------------|-------------|
| 1. a b c d | 6. a b c d |
| 2. a b c d | 7. a b c d |
| 3. a b c d | 8. a b c d |
| 4. a b c d | 9. a b c d |
| 5. a b c d | 10. a b c d |