

# The Role of the Gut Microbiome in Cow's Milk Protein Allergy: A Clinical Perspective

## Test Questions

1. Three factors that are associated with the development of food allergies, include: genetic & epigenetic, diet, and the \_\_\_\_\_.
  - a. Antibiotic use
  - b. Timing of introduction of solids
  - c. Microbial environment and microbiota
  - d. None of the above
2. Evidence shows that vaginal delivery and breastfeeding help improve the microbiota and immune health.
  - a. True
  - b. False
3. Lack of breastfeeding, cesarean delivery, antibiotic use, can cause \_\_\_\_\_.
  - a. Gut dysbiosis
  - b. Diabetes
  - c. Crohn's disease
  - d. Diarrhea
4. Probiotics and human milk oligosaccharides (HMOs) enhance gut barrier function, enhance allergen tolerance, and serve to improve allergic manifestations in children with cow's milk protein allergy.
  - a. True
  - b. False
5. Dysbiosis precedes the development of allergic diseases, like cow's milk protein allergy.
  - a. True
  - b. False

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## Test Answers

6. Three factors that are associated with the development of food allergies, include: genetic & epigenetic, diet, and the \_\_\_\_\_.
- e. Antibiotic use
  - f. Timing of introduction of solids
  - g. Microbial environment and microbiota
  - h. None of the above
7. Evidence shows that vaginal delivery and breastfeeding help improve the microbiota and immune health.
- c. True
  - d. False
8. Lack of breastfeeding, cesarean delivery, antibiotic use, can cause \_\_\_\_\_.
- e. Gut dysbiosis
  - f. Diabetes
  - g. Crohn's disease
  - h. Diarrhea
9. Probiotics and human milk oligosaccharides (HMOs) enhance gut barrier function, enhance allergen tolerance, and serve to improve allergic manifestations in children with cow's milk protein allergy.
- c. True
  - d. False
10. Dysbiosis precedes the development of allergic diseases, like cow's milk protein allergy.
- c. True
  - d. False