

## ON-DEMAND VIEWING

[pnce.org/Microbiome-Allergy-Dev](https://pnce.org/Microbiome-Allergy-Dev)

Free CE course—archived presentation.

## Exploring the Connection Between the Microbiome and Allergy Development

**Presented by Jenifer R. Lightdale, MD, MPH**

Jenifer R. Lightdale, MD, MPH, introduces the role of the gut microbiome in immune system development and food sensitization. She briefly reviews the epidemiology, diagnosis, and management of cow's milk protein allergy (CMPA), with a focus on the latest guidelines and recommendations for reintroduction.

Dr. Lightdale builds upon these topics by discussing the evidence supporting probiotics for the treatment of CMPA, with a focus on the clinical data supporting the use of extensively hydrolyzed formula supplemented with *Lactobacillus rhamnosus* GG (LGG®) for the induction of oral tolerance. She concludes with the clinical implications of the current evidence for LGG in CMPA resolution and recommendations for milk reintroduction through a ladder approach.



### About the Presenter

Dr. Lightdale is associate chief of the Division of Gastroenterology, Hepatology and Nutrition at Boston Children's Hospital, and professor of pediatrics at Harvard Medical School.



In support of improving patient care, Annenberg Center for Health Sciences at Eisenhower (Annenberg Center) is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

The Annenberg Center designates this activity for a maximum of 0.75 *AMA PRA Category 1 Credit™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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### Learning Objectives

By participating in this webcast, you will:

- Describe the diagnostic approach for CMPA, including clinical presentation, differential diagnosis, and diagnostic guidelines and criteria
- Recognize the role of the gut microbiome in immune system development and its subsequent impact on the risk of allergic disease
- Summarize the clinical and pharmacoeconomic impact of hypoallergenic formulas with probiotic LGG in the management of CMPA

### Activity Format

This activity is an online enduring material. Successful completion is achieved by reading and/or viewing the material, reflecting on its implications in your practice, and completing the assessment component.

You can view and print a certificate when you successfully complete the course, and pass the posttest. Your certificate will be tracked in your account profile.

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