

From Probiotics to Biotherapeutics in the NICU



Teresa del Moral, MD, MPH
 Professor of Clinical Pediatrics
 Associate Director NICU
 Department of Pediatrics
 University of Miami
 Miller School of Medicine
 Miami, Florida

In this presentation Teresa del Moral, MD, MPH, traces the evolution of microbiome-based interventions in the NICU, from traditional probiotic supplementation to regulated live biotherapeutic products. Dr. del Moral reviews mechanisms of dysbiosis in preterm infants, evidence for NEC prevention, and limitations of current probiotic formulations. The session highlights safety data, regulatory frameworks, and recent trial data evaluating pharmaceutical-grade biotherapeutics. By contrasting probiotic supplements with biotherapeutics, the activity contextualizes current gaps in knowledge and future directions for safely restoring microbiome balance in vulnerable neonatal populations.

Date

Time

Location

Organized by

For more info contact

Target Audience

This education was developed to support physicians, nurses, registered dietitians, and other healthcare professionals who care for preterm infants and newborns.

Learning Objectives

At the conclusion of this activity, participants should be better able to:

- Summarize the evidence supporting probiotics for NEC prevention, including strain-specific differences
- Distinguish between dietary probiotic supplements and live biotherapeutic products based on regulatory and safety standards
- Evaluate emerging clinical trial data on biotherapeutic interventions for NEC prevention in preterm infants

After viewing, click here

<https://pnce.org/gv/6172-5EM>
**to complete a short assessment
 and your CE certificate**



ANNENBERG CENTER FOR HEALTH SCIENCES
 AT EISENHOWER
Imparting knowledge. Improving patient care.



JOINTLY ACCREDITED PROVIDER™
 INTERPROFESSIONAL CONTINUING EDUCATION

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 0.5 AMA PRA Category 1 Credit™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Annenberg Center designates this activity for a maximum of 0.5 American Nurses Credentialing Center (ANCC) contact hour.

Provider is approved by the California Board of Registered Nursing, Provider #13664, for 0.5 contact hour. To receive credit for education contact hours outside of the state of California, please check with your state board of registered nursing for reciprocity.

Registered dietitians (RDs) and dietetic technicians, registered (DTRs) will receive 0.5 continuing professional education unit (CPEU) for completion of this program/material. Registered Dietitians and Dietetic Technicians are to select activity type 102 on Professional Development Portfolio (PDP) activity logs.

This activity is supported by an educational grant from **Mead Johnson Nutrition**.

From Probiotics to Biotherapeutics in the NICU

Instructions to Claim CE Credit

For Individuals Who Participated in a Group Viewing Event

1

Follow this link

<https://pnce.org/gv/6172-5EM>

2

Click *Sign In* or *Sign Up*

3

Complete the CE posttest and evaluation

4

Print your CE certificate

Certificates are also saved in your profile and can be retrieved at any time.



ANNENBERG CENTER FOR HEALTH SCIENCES
AT EISENHOWER
Imparting knowledge. Improving patient care.

This activity is supported by an educational grant from **Mead Johnson Nutrition**.

Annenberg Center for Health Sciences at Eisenhower Program ID: 6172-5EM (01-26)