Gene Therapy: Current Promises and Future Challenges

INTRODUCTION
Gene therapy offers the promise to correct inherited forms of hearing loss as well as acquired forms such as noise-induced hearing loss, ototoxicity, and presbycusis. However, there are several barriers that must be overcome before such potential can be realized. This course describes the conceptual framework that governs gene therapy today, reveals how this framework has influenced current progress, and discusses a re-imagining of inner ear gene therapy with the goal of achieving outcomes that are clinically relevant and realistic.

LEARNING OUTCOMES
You will be able to:
- Describe the theoretical premise of gene therapy
- Describe approaches to deliver genes into the inner ear
- List genes associated with hearing loss and deafness

PROGRAM HISTORY and IMPORTANT INFORMATION

Recording length: 58 minutes
Recording date: November 5, 2021
End date: December 1, 2026

To earn continuing education credit, you must complete the learning assessment on or before December 1, 2026.

This course is offered for 0.05 ASHA CEUs (Intermediate level, Professional area).