

February 4th (Friday)

11:30 a.m.

Central King Building

Room 303

Dr. Ryan Branski, PhD

Associate Professor of
Rehabilitation Research
Rehabilitation Medicine and
Otolaryngology-Head and Neck
Surgery

NYU Grossman School of Medicine



The Most Bioactive Organ-Biomaterials and Novel Therapeutics for the Vocal Folds

Abstract

In this seminar, Dr. Branski will present the unique challenges and advances associated with therapeutic approaches for the most bioactive organ in the human body, the vocal folds. The seminar will include an introduction to the anatomy and physiology of phonation with an emphasis on pathophysiology and targets for intervention as well as translational implications for preclinical data obtained in our laboratory regarding pharmacological and tissue engineering constructs.

About the Speaker

Dr. Ryan Branski is the Howard A. Rusk Associate Professor of Rehabilitation Research and the Vice Chair for Research in Rehabilitation Medicine with a secondary appointment in Otolaryngology-Head and Neck Surgery at the NYU Grossman School of Medicine (NYUGSoM). He also serves on the Operations Committee and Program Director in the Clinical and Translational Science Institute and is a member of the Perlmutter Cancer Center at the NYUGSoM. Globally, his laboratory seeks to develop and refine therapeutic approaches for diseases of the upper aerodigestive tract that manifest as speech, voice, and swallowing disorders with resultant disability and diminished quality of life. His program takes a regenerative medicine approach to these issues and pioneered delivery of the gene therapy as well as tissue engineering constructs to address functional deficits altering both communication and deglutition. Dr. Branski is currently funded by the National Institutes of Health/National Institute on Deafness and Other Communication Disorders to support his work in the laboratory and patient-oriented research initiatives. He has published well over 100 peer-reviewed manuscripts and is a frequent speaker at national and international scientific meetings. He is one of only a few investigators to be named Fellow of the American Speech Language Hearing Association, the American Laryngological Association, and the Academy of Otolaryngology-Head and Neck Surgery.