



Program

6th Annual Bellucci Symposium on Hearing Research

Creighton University

May 17, 2024

Creighton
UNIVERSITY

School of Medicine
Department of Biomedical Sciences

8:30 – 8:45 am, Welcome and Introduction
Litao Tao, PhD, Creighton University

Morning Podium Session
moderated by Justine Renauld, PhD, Creighton University

8:45 – 9:15 am: Min-Xin Guan, PhD, University of Toronto and Zhejiang University
Mitochondrial deafness, 30 years of translational research: from health problems to bench research to intervention

9:15 – 9:45 am: Cynthia Morton, PhD, Harvard University and Brigham and Women's Hospital
CRISPR-Cas9 Mediated Targeting of a DFNA9 Pathogenic Variant for Gene Therapy in an Auditory and Balance Disorder

9:45-10:00 am, break

10:00 – 10:30 am: Margaret Kenna, MD, Harvard University and Boston Children's Hospital
From Conception to College: Genetic Diagnosis of Pediatric Hearing Loss

10:30 – 11:00 am: Kelly Sullivan, PhD, University of Colorado, Anschutz School of Medicine
The Interferonopathy of Down Syndrome

10:45 – 11:30 am, Break

11:15 – 11:30 am, Bellucci Trainee Award
Barbara Mathieson, MD, Center for Translational Neuromedicine at the University of Copenhagen and Nykøbing Falser Sygehus
A CSF solution to rescue hearing
introduced by Jonathan Fleegel, Creighton University

11:30 – 12:15 pm, Bellucci Pioneer Award in Hearing Research
Thomas Friedman, PhD, National Institute on Deafness and Other Communications Disorders (NIDCD)
TBC1D24-associated disorders including deafness, mouse models, mechanisms and therapies
introduced by Regina Gendzelevski Kelmann, PhD, Creighton University

12:30 – 2:15 pm: Group photo and lunch. Poster Session begins at 1:00 pm.
Drug Discovery & Delivery Core breakout and tour, Hixson Lied room G59.

Afternoon Podium Session, Moderated by, Sarath Vijayakumar, PhD, Creighton University

2:15 – 2:45 pm: Xue Zhong Liu, MD, PhD, University of Miami Miller School of Medicine

A New Era in Precision Medicine for Genetic Hearing Loss

2:45 – 3:15 pm: Vilhelm A. Bohr, MD, University of Copenhagen
Hearing loss with aging and in Alzheimer's using mouse models

3:15 – 3:45 pm: Eric Sorscher, MD, Emory University

Perspectives on precision therapeutics for rare diseases such as cystic fibrosis

3:45-4:00: Concluding Remarks

Marisa Zallocchi, PhD, Creighton University



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We offer our sincere thanks to:

The Bellucci DePaoli Family Foundation

The Creighton University School of Medicine and the Department of Biomedical Sciences

Our speakers, presenters, and all who attend the Symposium

The faculty, students, postdoctoral fellows, and staff of Creighton University

The members of the Bellucci Symposium Planning Committee:

Scientific: Litao Tao (co-chair), Marisa Zallocchi (co-chair), David He, Peter Steyger, and Marisa Zallocchi

Administrative: Stacy Barney, John Bolas, Jon Hemphill, Charles Klinetobe, Jerrod Lawrence, Olivia Redden, and Jacob Walker

The members of the Scientific Advisory Board (SAB) and External Advisory Committee (EAC):

SAB: Colleen Le Prell (chair), John Brigande, Eric Biefield, David Raible, and Konstantina Stankovic

EAC: Daniel Tollin (chair), Alain Dabdoub, Ronna Hertzano, Lisa Hunter, and Amanda Lauer

Our Bellucci Translational Hearing Center Partners at the University of Nebraska Medical Center and Boys Town National Research Hospital

ICAN Captions for closed captioning services: Mydge Tyska-Heaney, Kelly DeCamp, Erik Olson, and Kristine Teshima

Image of St. John's Church from Lori Sailors, "Throwback Thursday: St. John's Church and Creighton College c. 1900," *Nebraska Library Commission, NCompas Blog*, 14 September 2017.

<http://nlcblogs.nebraska.gov/nlcblog/2017/09/14/throwback-thursday-st-johns-church-creighton-college-omaha-nebraska/>.

All who support our mission to preserve and restore hearing.