

Research Funding

Completed Funding

The Ohio State University President's Research Excellence Accelerator award
Novel gene therapy to prevent or reverse inner ear damage from noise and ototoxic chemotherapy

Role: PI

Co-PIs: Jerusha Naidoo and Yin Ren

Total direct costs: 47,238

The Ohio State University Addiction Innovation Initiative seed grant

Exploring the Pathology of Sensorineural Hearing Loss from Methadone Treatment in Mice

Role: PI

Total direct costs: 49,102

Duration: 9/21-8/23

STTR from NIDCD

Developing a Nutraceutical Product against Ototoxicity

Role: Site PI

PI: Jianxin Bao, Gateway Biotechnology

Dates: 12/2018-11/2020

Duration: 12 months

ASH Foundation New Century Scholars Research grant

Identifying an interaction between kanamycin, anti-retroviral medications, and noise exposure on hearing loss

Role: PI

Dates: 11/2017-6/2019

STTR from NIDCD

Flunarizine to prevent cisplatin ototoxicity

Role: Site PI

PI: Jianxin Bao, Gateway Biotechnology

Duration: 6 months

Fully funded contract with Gateway Biotechnology, Inc.

Pre-clinical testing of drugs for cisplatin-induced hearing loss

Role: PI

Duration: 4 months

Seed grant from the American Cancer Society Institutional Research Grant to Ohio State University Comprehensive Cancer Center

Endoplasmic reticulum stress and the unfolded protein response in cisplatin ototoxicity

Role: PI

Duration 1 year

Sub-contract with Dr. Jianxin Bao and Northeast Ohio Medical University
R33DC010489 NIDCD 12/01/2009-6/31/2015
Development of a drug therapy to ameliorate permanent hearing loss
Role: Site PI
Duration: 5/2014/12/2014

Capita Foundation Auditory Research Grant
Cochlear Hair Cell Regeneration using Adipose Stem Cells in NIHL
Role: Collaborator
PI: Jason Beyea, OSU department of Otolaryngology
Duration: 1/2015-12/2105

Fully funded contract with AstraZeneca Pharmaceuticals, LP
Src inhibition by AZD0530 for cisplatin-induced ototoxicity
Role: PI
Duration: 11/2013-9/2014

Office of Naval Research
Spectrotemporal Integration and NIHL: Development of a rapid assessment tool
Role: Co-I
PI: Feth, L.L.
Duration: 6/2009-5/2012

American Academy of Audiology
Prevention of noise-induced hearing with blockade of NADPH oxidase
New Investigator Research Award
Role: PI
Duration: 5/1/09-4/30/10