

## **Research Funding**

### *Current funding*

The Ohio State University Addiction Innovation Initiative seed grant  
Exploring the Pathology of Sensorineural Hearing Loss from Methadone Treatment in Mice  
Role: PI  
Duration: 9/21-8/22

### *Completed Funding*

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