

Dr. Moo-Yeal Lee

Grant title: Modeling diabetes using an integrated plate system

Funding agency: NIH UG3/UH3 DK119982

Amount: \$1,954,936

Duration of award: 09/20/18 – 07/31/24 (NCE)

Grant title: Gene-edited liver organoids for predictive hepatotoxicity

Funding agency: NIH R43 ES035653

Amount: \$284,638

Duration of award: 08/01/23 – 07/31/24

Grant title: Commercialization of a pillar/perfusion plate for dynamic 3D cell culture

Funding agency: Angel investment

Amount: \$1,000,000

Duration of award: 02/15/23 – 02/14/25

Dr. Clement Chan

Grant title: Development of Genetic Sensors and Circuits for Creating Novel Cellular Behaviors

Funding agency: NIH/NIGMS (R35GM142421)

Amount: \$1,525,588

Duration of award: 9/15/2021 – 8/31/2026

Grant title: Genetic Biocontainment Switch to Improve the Safety of Drug Detoxifying Bacteria in Preventing Chemotherapy-induced Diarrhea

Funding agency: NIH/NCI (R41CA275454)

Amount: \$140,000

Duration of award: 4/1/2023 – 3/31/2024

Dr. Amir Jafari

Grant title: A Prosthetic Elbow with Network of Soft and Modular Thermo-Active Actuators for Mobility Impaired Patients

Funding agency: NSF CAREER

Amount: \$525,046

Duration of award: 05/01/2021-04/30/2026

Dr. Brian Meckes

Grant title: Mechanoregulators of nanoparticle-cell interactions at tissue interfaces

Funding agency: NIH R35

Amount: \$1.798M

Duration of award: 2023-2027

Grant title: Spherical nucleic acid nanomaterials as fungicide and FHB resistance-promoting agents

Funding agency: USDA ARS

Amount: \$60,000

Duration of award: 8/1/2022 – 7/31/2024

Ralph E. Powe Research Award

Dr. Neda Habibi

Grant title: New approach based on enzyme stimulating of peptides for targeting drug resistant Breast cancers

Funding agency: NIH

Amount: Total budget \$549,900

Duration of award: 2023-2025

Grant title: The Micro Nanotechnology Education Center (MNTEC)

Funding agency: NSF

Amount: Total budget \$528,000

Duration of award: 2020-2025

Dr. Lin Li

Grant title: Approach for identification pHFO networks to predict epileptogenesis

Funding agency:/NINDS (R16NS131108)

Amount: \$720,100

Duration of award: 07/15/2022-06/30/2026

Grant title: In vivo studies of the epileptic hippocampus

Funding agency: NIH R01 Sub award

Amount: \$312,758

Duration of award: 2023-2028

Dr. Huaxiao Yang

Grant title: signaling on the underdeveloped cardiac vascularization of hypoplastic left heart syndrome

Funding agency:/NICHD (R15HD108720)

Amount: \$438,157

Duration of award: 09/08/2022-08/31/2025

Dr. Yong Yang

Grant title: Chips for Glaucomatous Neurodegeneration

Funding agency:/NEI (R15EY033967)

Amount: \$463,167

Duration of award: 09/30/2022-05/31/2025

Dr. Melanie Ecker: NSF-CAREER Award

Grant title: Shape memory polymers as biomaterial

Funding agency: NSF CAREER

Amount: \$553,036

Duration of award: 2023-2028

Dr. Youngwook Won

Grant title: Feasibility of an injectable form of immune modulator

Funding agency: Thunder Bay Therapeutics

Amount: \$250,000

Duration of award: 2022-2024