THE UNIVERSITY OF MICHIGAN
REGENTS COMMUNICATION

ACTION REQUEST

Subject: Project Agreements with the University of Michigan

Action Requested: Authorization to enter into or amend Agreements

Preamble:

Statutory conflicts of interest situations were identified by the Office of Research and Sponsored Projects while reviewing Proposal Approval Forms that then triggered a review by the Medical School Conflict of Interest Board and/or the OVPR Conflict of Interest Committee. Plans for management of the possible risks associated with the conflicts of interest will be developed and approved by the Board and/or Committee and may require agreement by the parties involved at time of award.

These proposed project (e.g., research, sponsored activity, and/or subcontract) agreements ("Agreement") and/or amendments to Agreements ("Amendments") fall under the State of Michigan Conflict of Interest Statute because University of Michigan ("University") employees have activities, relationships, or interests in the companies as described in Attachment A. The law permits such Agreements provided they are disclosed to the Board of Regents ("Regents") of the University and approved in advance by a 2/3 vote.

Agreement Terms:

The terms of the Agreements and/or Amendments conform to University policy. The funding support will not exceed the amount reported in Attachment A for each Agreement and/or Amendment. Since projects are often amended, these Agreements and/or Amendments include provisions for changes in time and scope. University procedures for approval of these changes will be followed and additional conflict of interest review will be done as appropriate.

Impact of the Agreement:

The Agreements and/or Amendments will provide support of investigator's effort to use their expertise and University laboratories, as well as other University resources, to execute the projects as reported in Attachment A.

Recommendations:

These matters have been reviewed and approved by the Medical School Conflict of Interest Board and/or the OVPR Conflict of Interest Committee. In light of this disclosure and our finding that the Agreements and Amendments were negotiated in conformance with standard University practices, I recommend that the Board of Regents approve the University's entering into or amending the Agreements referenced in Attachment A.

Respectfully submitted,

Arthur Lupia
Interim Vice President for Research and Innovation

June 2025

Attachment A

Project #1

Research Agreement between the University and Eradix Therapeutics LLC Reviewed by the Medical School Conflict of Interest Board and the OVPR Conflict of Interest Committee	
Project Information	
Title: Development of degrader-antibody conjugates	**U-M Project ID:** 25-PAF07645
Direct Sponsor: Eradix Therapeutics LLC	
Principal Investigator/Department: Shaomeng Wang, Internal Medicine-Hematology/Oncology	
Project Duration: Three (3) Years	**Funding Support:** $6,000,000
Purpose: The purpose of this project is to develop novel therapeutics for the treatment of human cancers and other diseases by supporting further optimization and testing of degrader-antibody conjugates (DACs) for several targets to select one or more compounds suitable for clinical development and identification and validation of potential biomarkers for clinical trials.	
University Employee; University Title; Relationship with Eradix Therapeutics LLC ● Shaomeng Wang; Professor, Internal Medicine; Partial Owner ● Brandon Bordeau; Assistant Professor, Pharmaceutical Sciences; Partial Owner ● Arul Chinnaiyan; Professor, Pathology; Partial Owner	

Project #2

SBIR Phase I Subcontract Agreement between the University and Greenmark Biomedical, Inc. Reviewed by the OVPR Conflict of Interest Committee	
Project Information	
Title: Restoration of non-cavitated carious lesions in enamel using nano fluorapatite particles.	**U-M Project ID:** 25-PAF04767
Direct Sponsor: Greenmark Biomedical, Inc.	**Prime Sponsor:** National Institutes of Health
Principal Investigator/Department: Brian Clarkson, Cariology, Restorative Sciences and Endodontics	
Project Duration: Six (6) Months	**Funding Support:** $80,753
Purpose: The purpose of this project is to determine the penetration and retention of FA crystals into enamel subsurface lesions and assess the resistance to demineralization of the FA-treated enamel lesions under caries-like conditions.	
University Employee; University Title; Relationship with Greenmark Biomedical, Inc. ● Joerg Lahann; Professor, Chemical Engineering; Board of Directors Member	

Project #3

Subcontract Agreement between the University and H3D, Inc. Reviewed by the OVPR Conflict of Interest Committee	
Project Information	
Title: Development of prototype DAQ-DSP ASICs for advanced room-temperature semiconductor spectroscopic personal radiation dosemeters (SPRDs) and gamma-ray imagers	**U-M Project ID:** 25-PAF01092
Direct Sponsor: H3D, Inc.	**Prime Sponsor:** Department of Defense, Defense Threat Reduction Agency
Principal Investigator/Department: Zhong He, Nuclear Engineering & Radiological Sciences	
Project Duration: Four (4) Years	**Funding Support:** $1,297,360
Purpose: The purpose of this project is to develop prototype Data Acquisition-Digital Signal Processing Application-Specific Integrated Circuits (DAQ-DSP ASIC) for advanced spectroscopic personal radiation dosemeters (SPRDs) and gamma-ray imagers.	
University Employee; University Title; Relationship with H3D, Inc. ● Zhong He; Professor, Nuclear Engineering & Radiological Sciences; Partial Owner	

Project #4

STTR Phase I Subcontract Agreement between the University and Lacuum, LLC **Reviewed by the OVPR Conflict of Interest Committee**	
Project Information	
Title: Transformative Technologies for Autonomous Water-Surface Pollution Monitoring: A Focus on Algal Blooms	**U-M Project ID:** 25-PAF05777
Direct Sponsor: Lacuum, LLC	**Prime Sponsor:** National Science Foundation
Principal Investigator/Department: Katie Skinner, Robotics	
Project Duration: Nine (9) Months	**Funding Support:** $91,994
Purpose: The purpose of this project is to develop an innovative autonomous water-surface robot for comprehensive pollution and algal bloom monitoring in lakes and ponds.	
University Employee; University Title; Relationship with Lacuum, LLC ● Maani Ghaffari; Assistant Professor, Naval Architecture and Marine Engineering; Partial Owner	

Project #5

Fourth Amendment to Research Agreement between the University and ONL Therapeutics, Inc. **Reviewed by the Medical School Conflict of Interest Board**	
Project Information	
Title: Feasibility of Fas inhibition in preventing photoreceptor cell death in inherited retinal degeneration	**U-M Project ID:** 25-PAF07577
Direct Sponsor: ONL Therapeutics, Inc.	
Principal Investigator/Department: David Zacks, Ophthalmology and Visual Sciences	
Agreement Originally Approved by the Regents: May 20, 2021 **First Amendment Approved by the Regents:** July 20, 2023 **Second Amendment Approved by the Regents:** March 28, 2024 **Third Amendment Approved by the Regents:** February 20, 2025	
Current Project Duration: Four (4) Years **Additional Time:** Fourteen (14) Months	**Current Funding Support:** $1,350,563 **Additional Funding Support:** $679,049
Purpose: The purpose of this amendment is to add additional funds and time so Dr. Zacks may continue to test the potential for ONL Therapeutics, Inc.'s Fas inhibitors to protect photoreceptor cells in mouse models of inherited retinal degeneration.	
University Employee; University Title; Relationship with ONL Therapeutics, Inc. ● David Zacks; Professor, Ophthalmology and Visual Sciences; Board of Directors Member	

Project #6

STTR Phase I Subcontract Agreement between the University and RegenEir LLC Reviewed by the OVPR Conflict of Interest Committee	
Project Information	
Title: Local Delivery Formulations for Oral Cancer Immunochemoprevention	**U-M Project ID:** 25-PAF04755
Direct Sponsor: RegenEir LLC	**Prime:** National Institutes of Health
Principal Investigator/Department: Joerg Lahann, Chemical Engineering	
Project Duration: Nineteen (19) Months	**Funding Support:** $105,323
Purpose: The purpose of this project is to perform activities related to Janus nanoparticle design, fabrication and characterization. Systematic variation of process parameters and materials chemistry will result in iterations of nanoparticles for targeted therapy.	
University Employee; University Title; Relationship with RegenEir LLC ● Joerg Lahann; Professor, Chemical Engineering; Partial Owner	

Project #7

SBIR Phase I Subcontract Agreement between the University and Theia Scientific, LLC Reviewed by the OVPR Conflict of Interest Committee	
Project Information	
Title: Scalable, Modern, and Adaptable Recognition and Traceability System for TRISO Fuel Characterization	**U-M Project ID:** 25-PAF05680
Direct Sponsor: Theia Scientific, LLC	**Prime Sponsor:** Department of Energy
Principal Investigator/Department: Kevin Field, Nuclear Engineering & Radiological Sciences	
Project Duration: Eight (8) Months	**Funding Support:** $60,000
Purpose: The purpose of this project is to develop, optimize, and evaluate a TRi-structural ISOtropic (TRISO) Fuel Machine Learning Computer Vision Model.	
University Employee; University Title; Relationship with Theia Scientific, LLC ● Kevin Field; Associate Professor, Nuclear Engineering & Radiological Sciences; Partial Owner	