

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 UMOR Conflict of Interest Review 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 UMOR Conflict of Interest Review 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,

A handwritten signature in cursive script, appearing to read 'Rebecca Cunningham'.

Rebecca Cunningham
Vice President for Research

July 2021

Attachment A

Project #1

SBIR Phase II Subcontract between the University and Amphionic LLC Reviewed by the UMOR Conflict of Interest Review Committee	
<u>Project Information</u>	
Title: Rad-hard high-resolution particle sensors from semiconductor nanoparticle composites	U-M Project ID: 21-PAF06838
Direct Sponsor: Amphionic LLC	Prime Sponsor: National Aeronautics and Space Administration
Principal Investigator/Department: Mark Hammig, Nuclear Engineering & Radiological Sciences	
Project Duration: Two (2) Years	Funding Support: \$201,588
Purpose: The purpose of this project is to build upon the exploit interfacial scattering effects on the multitudinous interfaces that exist within a nanostructured solid to enhance the stopping power of charged particles and the attenuation of gamma-rays by at least an order of magnitude (per unit path length).	
<u>University Employee; University Title; Relationship with Amphionic LLC</u> <ul style="list-style-type: none">• Mark Hammig; Professor, Nuclear Engineering & Radiological Sciences; Partial Owner• Suneel Joglekar; Research Fellow, Nuclear Engineering & Radiological Sciences; CEO	

Project #2

Research Agreement between the University and Ascentage Pharma Group Corporation, Ltd. Reviewed by the Medical School Conflict of Interest Board	
<u>Project Information</u>	
Title: A Phase I Study of the Safety, Tolerability, Pharmacokinetic and Pharmacodynamic Properties of APG-1387 as a Single Agent or in Combination with Systemic Anti-Cancer Agents in Patients with Advanced Solid Tumors or Hematologic Malignancies	U-M Project ID: 21-PAF06440
Direct Sponsor: Ascentage Pharma Group Corporation, Ltd.	
Principal Investigator/Department: Paul Swiecicki; Internal Medicine-Hematology/Oncology	
Project Duration: Five (5) Years	Funding Support: \$990,384
Purpose: The purpose of this project is to assess the safety and tolerability of APG-1387 as a single agent, including determination of the maximum tolerated dose (MTD) and dose-limiting toxicities (DLTs), when intravenously administered to patients with advanced solid tumors and hematologic malignancies.	
<u>University Employee; University Title; Relationship with Ascentage Pharma Group Corporation, Ltd.</u> <ul style="list-style-type: none">• Shaomeng Wang; Professor, Internal Medicine; Partial Owner	

Project #3

Research Agreement between the University and ChromX Health Co., Ltd. Reviewed by the UMOR Conflict of Interest Review Committee	
<u>Project Information</u>	
Title: Portable GC with argon discharge photoionization detector for breath analysis	U-M Project ID: 21-PAF08654
Direct Sponsor: ChromX Health Co., Ltd.	
Principal Investigator/Department: Xudong Fan, Biomedical Engineering	
Project Duration: One (1) Year	Funding Support: \$310,963
Purpose: The purpose of this project is to develop portable GC devices with an argon discharge photoionization detector (PID) for breath analysis and conduct corresponding data analysis.	
<u>University Employee; University Title; Relationship with ChromX Health Co., Ltd.</u>	
<ul style="list-style-type: none">• Xudong Fan; Professor, Biomedical Engineering; Partial Owner	

Project #4

Research Agreement between the University and Ecovia Renewables Inc. Reviewed by the UMOR Conflict of Interest Review Committee	
<u>Project Information</u>	
Title: Ecovia Costshare for Enabling efficient production of bio-based high-performance molecules through improving microbial strains using a high-throughput engineering platform	U-M Project ID: 21-PAF07702
Direct Sponsor: Ecovia Renewables Inc.	
Principal Investigator/Department: Nina Lin, Chemical Engineering	
Project Duration: One (1) Year	Funding Support: \$28,750
Purpose: The purpose of the project is to build on new approaches for strain engineering developed recently in Dr. Lin's lab, extend, and apply them to develop tailored technologies for improving microbial strains for specific biomolecules that present tremendous commercial values. Ecovia Renewables Inc. is providing cost-sharing for a Michigan State University (direct), State of Michigan Economic Development Corporation (prime) sponsored MTRAC Ag&Bio Program research project at the University.	
<u>University Employee; University Title; Relationship with Ecovia Renewables Inc.</u>	
<ul style="list-style-type: none">• Nina Lin; Associate Professor, Chemical Engineering; Partial Owner	

Project #5

SBIR Phase I Subcontract Agreement between the University and MONDE Wireless Inc. Reviewed by the UMOR Conflict of Interest Review Committee	
<u>Project Information</u>	
Title: N-polar GaN HEMTs on scalable substrates for mm-wave applications	U-M Project ID: 21-PAF05463
Direct Sponsor: MONDE Wireless Inc.	Prime Sponsor: Department of Defense
Principal Investigator/Department: Elaheh Ahmadi, Electrical Engineering and Computer Science – Electrical and Computer Engineering (EECS-ECE) Division	
Project Duration: Six (6) Months	Funding Support: \$5,000
Purpose: The University will be responsible for the regrowth of highly doped ohmic contacts for N-polar GaN structures supplied by MONDE Wireless Inc.	
<u>University Employee; University Title; Relationship with MONDE Wireless Inc.</u> <ul style="list-style-type: none">• Elaheh Ahmadi; Assistant Professor, EECS-ECE Division; Partial Owner	

Project #6

SBIR Phase I Subcontract Agreement between the University and MONDE Wireless Inc. Reviewed by the UMOR Conflict of Interest Review Committee	
<u>Project Information</u>	
Title: Novel Materials Structure for Efficient and Cost-Effective Direct Emission Solid-State Lighting	U-M Project ID: 21-PAF05478
Direct Sponsor: MONDE Wireless, Inc.	Prime Sponsor: Department of Energy
Principal Investigator/Department: Elaheh Ahmadi, EECS-ECE Division	
Project Duration: Nine (9) Months	Funding Support: \$35,000
Purpose: The University will be responsible for the growth of relaxed, low defect density InGaN equivalent to $x = 0.20$ on porous GaN on Silicon by plasma-assisted molecular beam epitaxy.	
<u>University Employee; University Title; Relationship with MONDE Wireless Inc.</u> <ul style="list-style-type: none">• Elaheh Ahmadi; Assistant Professor, EECS-ECE Division; Partial Owner	