



MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
Executive Action Summary

Audit, Risk, & Compliance-Attachment 2a

APPROVED
JUNE 28, 2024
BOARD OF TRUSTEES
MICHIGAN STATE UNIVERSITY

Date: June 28, 2024

Committee Name: Audit, Risk, & Compliance

Agenda Item: Michigan State University (MSU) and Targeted Alpha Therapeutics, Inc. Exclusive Option Agreement

Information

Discussion

Action

Resolution:

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves an option for an exclusive license agreement with Targeted Alpha Therapeutics, Inc consistent with the term sheet now presented to the Board of Trustees for inclusion in its minutes.

Recommendation:

The Trustee Committee on Audit, Risk, & Compliance recommends that the Board of Trustees authorize the agreement between Michigan State University and Targeted Alpha Therapeutics, Inc. in which Michigan State University faculty, Dr. Kurt Zinn holds a financial interest.

Prior Action by BOT:

The MSU Board of Trustees previously approved the initial agreement between MSU and Targeted Alpha Therapeutics, Inc. during the June 16, 2023 board meeting.

Responsible Officers:

Douglas A. Gage, Ph. D., Vice President for Research and Innovation.

Summary:

An option for an exclusive license agreement for the following technology is presented for the Board of Trustees approval:

- TEC2023-0034, Patent application US 63/458,241 Filed 4/10/2023,

The parties may add or remove technologies under the agreement, including improvements, providing the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.

Background Information:

The attached term sheet summarizes the agreement between Michigan State University and Targeted Alpha Therapeutics, Inc.

Source of Funds:

Upfront payment of \$2,000 dollars.

Resource Impact:

None.

MICHIGAN STATE
UNIVERSITY

TERM SHEET

Party: Targeted Alpha Therapeutics, Inc.

Project Description: Exclusive or non-exclusive option to patent rights from TEC2023-0034, Patent application US 63/458,241 Filed 4/10/2023, The parties may add or remove technologies under the agreement, including improvements, providing the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.

Term: 12 months from effective date to with a possible extension (with an additional fee).

Financial Terms: Upfront of payment of \$2,000 dollars.

Services Provided: By MSU to company: None.
By company to MSU: None.

Use of University Facilities/Personnel: None.

Organization Type and Domicile: Michigan Corporation.

Personnel Interest: MSU Professor Dr. Kurt Zinn from the Department of Radiology and Human Medicine holds a financial interest greater than 1% in Targeted Alpha Therapeutics, Inc.



Office of
**RESEARCH
AND INNOVATION**

Douglas A. Gage, Ph.D.
Vice President

Hannah Administration Bldg.
426 Auditorium Rd, Rm 249
East Lansing, MI 48824

517/355-0306
Fax: 517/432-1171

gage@msu.edu



MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
Executive Action Summary

Audit, Risk &, Compliance- 2b

Committee Name: Audit, Risk, & Compliance

Date: June 28, 2024

Agenda Item: Michigan State University and Scarlet Spartan Solutions, LLC Services Agreement

Information

Discussion

Action

Resolution:

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a purchasing agreement with Scarlet Spartan Solutions, LLC consistent with the term sheet now presented to the Board of Trustees for inclusion in its minutes.

Recommendation:

The Trustee Committee on Audit, Risk, & Compliance recommends that the Board of Trustees authorize the agreement between Michigan State University and Scarlet Spartan Solutions in which Michigan State University faculty, Dr. Justin Scott, holds a financial interest.

Prior Action by BOT:

The Board of Trustees of Michigan State University previously approved a purchasing agreement with Scarlet Spartan Solutions, LLC on October 28, 2022.

Responsible Officers:

Douglas A. Gage, Ph.D., Vice President for Research and Innovation.

Summary:

The Board of Trustees of Michigan State University previously approved a service agreement with Scarlet Spartan Solutions, LLC. The purpose of this current service agreement is to extend the Base Hospital Project offering student hospital placement ranking and histogram service.

Background Information:

The attached term sheet summarizes the agreement between Michigan State University and Scarlet Spartan Solutions, LLC.

Source of Funds:

Extended for an additional two years. Not to exceed \$18,000 dollars.

Resource Impact:

Not applicable.

MICHIGAN STATE
UNIVERSITY

TERM SHEET

Party:	Scarlet Spartan Solutions, LLC
Project Description:	Scarlett Spartan Solutions, LLC to continue working on the Base Hospital Project offering student hospital placement ranking and histogram services.
Term:	February 2024-February 2026
Financial Terms:	Extended an approved purchase order by two years, Terms Net 30. Not to exceed \$18,000.00.
Services Provided:	By MSU to company: None. By company to MSU: Student hospital placement ranking and histogram services. These services will be fulfilled by consultant providing the College of Osteopathic Medicine (COM) with a spreadsheet indicating which students will be placed at each clinical rotation site. The spreadsheet provided by consultant will further include the rank each student gave to the hospital in which they were placed, the overall average ranking of each hospital (as determined from the ranked order lists provided by college), and the average and standard deviation of the rank each student gave to the hospital in which they were placed. The consultant will provide College a histogram of the rank each student gave to the hospital in which they were placed.
Use of University Facilities/Personnel:	None.
Organization Type and Domicile:	Michigan Limited Liability Company
Personnel Interest:	Michigan State University faculty member Dr. Justin Scott is a Research Associate in the Department of Mechanical Engineering. Dr. Scott is the founder of Scarlet Spartan Solutions, LLC, and has an ownership interest greater than 1%.



Office of
**RESEARCH
AND INNOVATION**

Douglas A. Gage, Ph.D.
Vice President

Hannah Administration Bldg.
426 Auditorium Rd, Rm 249
East Lansing, MI 48824

517/355-0306
Fax: 517/432-1171

gage@msu.edu



MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
Executive Action Summary

Audit, Risk, & Compliance-Attachment 2c

Committee Name: Audit, Risk, & Compliance

Date: June 28, 2024

Agenda Item: Michigan State University (MSU) and Cytohub, Inc. for an Option Agreement

Information

Discussion

Action

Resolution:

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves an option for an option agreement with Cytohub, Inc. consistent with the term sheet now presented to the Board of Trustees for inclusion in its minutes.

Recommendation:

The Trustee Committee on Audit, Risk, & Compliance recommends that the Board of Trustees authorize the agreement between Michigan State University and Cytohub, Inc. in which Michigan State University faculty, Dr. Aguirre, holds a financial interest.

Prior Action by BOT:

Not applicable.

Responsible Officers:

Douglas A. Gage, Ph.D., Vice President for Research and Innovation.

Summary: An option agreement for a license to use patent rights of following technology is presented for the Board of Trustees approval:

- TEC2023-0059, "Methods of generating neural crest containing heart organoids"
- TEC2023-0079, "Methods for immune integration in human heart organoids"

The parties may add or remove technologies under the agreement, including improvements generated under a separate sponsored research agreement, provided the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.

Background Information:

The attached term sheet summarizes the agreement between Michigan State University and Cytohub, Inc.

Source of Funds:

In lieu of Option fees, a Promissory Convertible note for \$24,000 dollars for the first year of Option and \$24,000 dollars for the optional additional year.

Resource Impact:

None.

MICHIGAN STATE UNIVERSITY

TERM SHEET

Party:	Cytohub, Inc.
Project Description:	<p>Exclusive Option Agreement for a world-wide license to use patent rights of the following technology.</p> <p><i>TEC2023-0059, "Methods of generating neural crest containing heart organoids"</i> <i>TEC2023-0079, "Methods for immune integration in human heart organoids"</i></p> <p><i>The parties may add or remove technologies under the agreement, including improvements generated under a separate sponsored research agreement, provided the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.</i></p>
Term:	Twelve months from the effective date and extendable for an additional 12 months.
Financial Terms:	In lieu of Option fees, a Promissory Convertible note for \$24,000 for the first year of the Option and \$24,000 for the optional year.
Services Provided:	<p>By MSU to company: None contemplated.</p> <p>By company to MSU: None contemplated.</p>
Use of University Facilities/Personnel:	None.
Organization Type and Domicile:	Delaware State Corporation
Personnel Interest:	MSU employee Dr. Aitor Aguirre, an associate professor in the Department of Biomedical Engineering has an ownership interest and is a consultant for Cytohub, Inc.



Office of
**RESEARCH
AND INNOVATION**

Douglas A. Gage, Ph.D.
Vice President

Hannah Administration Bldg.
426 Auditorium Rd, Rm 249
East Lansing, MI 48824

517/355-0306
Fax: 517/432-1171

gage@msu.edu



MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
Executive Action Summary

Audit, Risk, & Compliance-Attachment 2d

Committee Name: Audit, Risk, & Compliance

Date: June 28, 2024

Agenda Item: Michigan State University (MSU) and the Wharton Center Option for an Independent Contractor Agreement for Artist Services

Information

Discussion

Action

Resolution:

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves an Independent Contractor Agreement for artist services with Dr. Richard Sherman, consistent with the term sheet now presented to the Board of Trustees for inclusion in its minutes.

Recommendation:

The Trustee Committee on Audit, Risk, and Compliance recommends that the Board of Trustees authorize the agreement between Michigan State University and faculty member, Dr. Richard E. Sherman.

Prior Action by BOT:

The MSU Board of Trustees has previously approved a contract for Dr. Sherman and the Wharton Center during the May 15, 2020, Board of Trustees meeting, and on September 8, 2023 the Board of Trustees reviewed and approved a similar agreement.

Responsible Officers:

Douglas A. Gage, Ph.D., Vice President for Research and Innovation.

Summary:

Dr. Richard E. Sherman will identify and engage local musicians for select Wharton Center performances.

Background Information:

The attached term sheet summarizes the agreement between Michigan State University and Dr. Richard E. Sherman.

Source of Funds:

Wharton Center Budget.

Resource Impact:

Not applicable.

MICHIGAN STATE
UNIVERSITY

TERM SHEET

Party: Dr. Richard Sherman

Project Description: Non-exclusive services to engage local musicians for Wharton Center performances.

Term: Three-year term (FY25, FY26, and FY27)

Financial Terms: Commission to Dr. Sherman in the amount of 10% of the fee paid to local musician(s).

Services Provided: By MSU to Dr. Sherman: None.
By Dr. Sherman to MSU: Identify and engage local musicians for Wharton Center performances according to the instructions provided by the touring engagement's musical director, coordinator or orchestra conductor or by MSU when applicable; schedule and administer the operation of musical services, pay local musicians directly for service and cartage of instruments; attend first rehearsal and be on call for additional services; and provide itemized settlement for touring engagement.

Use of University Facilities/Personnel: None.

Organization Type and Domicile: Dr. Sherman is acting as an individual.

Personnel Interest: This contract will be directly between Dr. Sherman, a professor in the College of Music, and MSU.



Office of
**RESEARCH
AND INNOVATION**

Douglas A. Gage, Ph.D.
Vice President

Hannah Administration Bldg.
426 Auditorium Rd, Rm 249
East Lansing, MI 48824

517/355-0306
Fax: 517/432-1171

gage@msu.edu



MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
Executive Action Summary

Committee Name: Audit, Risk, & Compliance

Date: June 28, 2024

Agenda Item: Michigan State University (MSU) and Great Lake Crystal Technologies Fee for Service Agreement

Information

Discussion

Action

Resolution:

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a fee for service agreement consistent with the term sheet now presented to the Board of Trustees for inclusion in its minutes.

Recommendation:

The Trustee Committee on Audit, Risk & Compliance recommends that the Board of Trustees authorize the agreement between Michigan State University and Great Lakes Crystal Technologies, in which Michigan State University faculty, Dr. Timothy Grotjohn, holds a financial interest.

Prior Action by BOT:

The Board of Trustees of Michigan State University previously approved an Inter-Institutional Agreement (IIA) with Great Lakes Crystal Technologies during the February 10, 2023 Board of Trustees Meeting.

Responsible Officers:

Douglas A. Gage, Ph.D., Vice President for Research and Innovation.

Summary: Michigan State University will carry out the following testing:

- Plasma-enhanced chemical vapor deposition, physical vapor deposition, reactive ion etching, Dektak measurements, mechanical polishing and Mask Alginer Karl Suss system services.

Background Information:

The attached term sheet summarizes the agreement between Michigan State University and Great Lakes Crystal Technologies.

Source of Funds:

Great Lakes Crystal Technologies will compensate Michigan State University \$12,000 for payment of services.

Resource Impact:

MSU facilities, Room c17 of Engineering Research Center, Dr. Papapolymerou is the Principal Investigator.

MICHIGAN STATE
UNIVERSITY

TERM SHEET

Party:	Great Lake Crystal Technologies (GLCT)
Sponsored Research Agreement:	PD 68638, Vapor Deposition and related processing services
Term:	May 2024 – April 2025
Financial Terms:	\$12,000 to MSU from GLCT for funding of service
Services Provided:	By MSU to GLCT: plasma enhanced chemical vapor deposition, physical vapor deposition, reactive ion etching, Dektak measurements, mechanical polishing and Mask Alginer Karl Suss system services By GLCT to MSU: None contemplated under this agreement.
Use of University Facilities/Personnel:	MSU Facilities, Room c17 of Engineering Research Center. Dr. Papapolymerou is the Principal Investigator for this project.
Organization Type and Domicile:	Delaware Corporation
Personnel Interest:	Faculty Member Dr. Timothy Grotjohn, Professor with the Department of Electrical and Computer Engineering and his family have an ownership interest greater than 1% in GLTC.



Office of
**RESEARCH
AND INNOVATION**

Douglas A. Gage, Ph.D.
Vice President

Hannah Administration Bldg.
426 Auditorium Rd, Rm 249
East Lansing, MI 48824

517/355-0306
Fax: 517/432-1171

gage@msu.edu



MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
Executive Action Summary

Audit, Risk, & Compliance-Attachment 2f

Committee Name: Audit, Risk, & Compliance

Date: June 28, 2024

Agenda Item: Michigan State University (MSU) and Paradigm Productions, LLC

Information

Discussion

Action

Resolution:

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a sponsored research agreement term sheet consistent with the term sheet now presented to the Board of Trustees for inclusion in its minutes.

Recommendation:

The Trustee Committee on Audit, Risk, & Compliance recommends that the Board of Trustees authorize the agreement between Michigan State University and Paradigm Productions, LLC, in which Michigan State University staff, Dr. Levy Randolph and Michigan State University faculty member, Dr. Tiffany Rogers-Randolph, hold a financial interest.

Prior Action by BOT:

Not applicable.

Responsible Officers:

Douglas A. Gage, Ph.D. Vice President for Research and Innovation.

Summary:

A service agreement for vendor videography services for MSU Extension Center.

Background Information:

The attached term sheet summarizes the agreement between Michigan State University (MSU) and Paradigm Productions, LLC.

Source of Funds:

MSU Extension will compensate Paradigm Productions, LLC \$5,000.00 dollars for services rendered.

Resource Impact:

None.

MICHIGAN STATE
UNIVERSITY

TERM SHEET

Party:	Paradigm Productions, LLC
Project Description:	Michigan State University (MSU) Extension Educator Elizabeth Ferry will hire Paradigm Productions, LLC to complete an educational video for Michigan farmers on how to create a Secure Pork Supply Plan.
Term:	One-time agreement
Financial Terms:	MSU Extension will compensate Paradigm Productions, LLC \$5,000.00 for videography services.
Services Provided:	By MSU to company: None. By company to MSU: Production of a five-minute video on how to create a Secure Pork Supply.
Use of University Facilities/Personnel:	None.
Organization Type and Domicile:	Michigan Limited Liability
Personnel Interest:	MSU staff member Dr. Levy Randolph and MSU faculty member Dr. Tiffany Rogers-Randolph are co-founders of Paradigm Productions, LLC, and have an ownership interest of more than 1% of the company.



Office of
**RESEARCH
AND INNOVATION**

Douglas A. Gage, Ph.D.
Vice President

Hannah Administration Bldg.
426 Auditorium Rd, Rm 249
East Lansing, MI 48824

517/355-0306
Fax: 517/432-1171

gage@msu.edu



MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
Executive Action Summary

Committee Name: Audit, Risk, & Compliance

Date: June 28, 2024

Agenda Item: Michigan State University (MSU) and Culturally Resilient Training Cards Purchasing Agreement

Information

Discussion

Action

Resolution:

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a purchasing agreement consistent with the purchasing term sheet now presented to the Board of Trustees for inclusion in its minutes.

Recommendation:

The Trustee Committee on Audit, Risk, & Compliance recommends that the Board of Trustees authorize the agreement between Michigan State University and Culturally Resilient Training Cards in which Michigan State University faculty, Dr. Edward Timke, holds a financial interest.

Prior Action by BOT:

Not applicable.

Responsible Officers:

Douglas A. Gage, Ph.D., Vice President for Research and Innovation.

Summary:

The parties wish to enter into a purchasing agreement for which Culturally Resilient Training cards to purchase training cards.

Background Information:

The attached term sheet summarizes the agreement between Michigan State University and Culturally Resilient Training Cards.

Source of Funds:

MSU Department of Advertising and Public Relations will compensate \$2,999.25 dollars to Culturally Resilient Training Cards.

Resource Impact:

None.

MICHIGAN STATE UNIVERSITY

TERM SHEET

Party:	Culturally Resilient Training Cards
Project Description:	Michigan State University (MSU) Department of Advertising and Public Relations would like to purchase Culturally Resilient Training card packs to provide to conference participants.
Term:	One-time agreement
Financial Terms:	MSU Department of Advertising and Public Relations will pay \$2,999.25 for the Culturally Resilient Training Cards.
Services Provided:	Culturally Resilient Training Cards will supply MSU advertising and Public Relations department with several training card packs.
Use of University Facilities/Personnel:	None
Organization Type and Domicile:	Not incorporated
Personnel Interest:	(MSU) faculty member Dr. Edward Timke is a co-founder of Culturally Resilient Training Cards and holds a financial interest.



Office of
**RESEARCH
AND INNOVATION**

Douglas A. Gage, Ph.D.
Vice President

Hannah Administration Bldg.
426 Auditorium Rd, Rm 249
East Lansing, MI 48824

517/355-0306
Fax: 517/432-1171

gage@msu.edu



MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
Executive Action Summary

Committee Name: Audit, Risk, & Compliance

Date: June 28, 2024

Agenda Item: Michigan State University (MSU) and Great Lake Crystal Technologies Fee for Service Agreement

Information

Discussion

Action

Resolution:

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a fee for service agreement consistent with the term sheet now presented to the Board of Trustees for inclusion in its minutes.

Recommendation:

The Trustee Committee on Audit, Risk & Compliance recommends that the Board of Trustees authorize the agreement between Michigan State University and Great Lakes Crystal Technologies, in which Michigan State University faculty, Dr. Timothy Grotjohn, holds a financial interest.

Prior Action by BOT:

The Board of Trustees of Michigan State University previously approved an Inter-Institutional Agreement (IIA) with Great Lakes Crystal Technologies during the February 10,2023 Board of Trustees Meeting.

Responsible Officers:

Douglas A. Gage, Ph.D., Vice President for Research and Innovation.

Summary:

Michigan State University will carry out the following testing: X-ray diffraction analysis of materials.

Background Information:

The attached term sheet summarizes the agreement between Michigan State University and Great Lakes Crystal Technologies.

Source of Funds:

Great Lakes Crystal Technologies will compensate Michigan State University \$12,600 for payment of services.

Resource Impact:

MSU facilities, Engineering Building X-Ray Diffractometer. Dr Zevalkink is the Principal Investigator for this project.

MICHIGAN STATE
UNIVERSITY

TERM SHEET

Party: Great Lake Crystal Technologies (GLCT)

Sponsored Research Agreement: PD 68638, Vapor Deposition and related processing services

Term: April 1, 2024 – April 30, 2024

Financial Terms: \$12,600 to MSU from GLTC for funding of service

Services Provided: By MSU to GLTC: X-ray diffraction analysis of materials.
By GLTC to MSU: None contemplated under this agreement.

Use of University Facilities/Personnel: MSU Facilities, Engineering Building x-ray diffractometer. Dr. Zevalkink is the Principal Investigator for this project.

Organization Type and Domicile: Delaware Corporation.

Personnel Interest: Faculty Member Dr. Timothy Grotjohn, Professor with the Department of Electrical and Computer Engineering and his family have an ownership interest greater than 1% in GLTC.



Office of
**RESEARCH
AND INNOVATION**

Douglas A. Gage, Ph.D.
Vice President

Hannah Administration Bldg.
426 Auditorium Rd, Rm 249
East Lansing, MI 48824

517/355-0306
Fax: 517/432-1171

gage@msu.edu