

#### **APPROVED**

**FEBRUARY 11, 2022** 

BOARD OF TRUSTEES
MICHIGAN STATE UNIVERSITY

#### **MEMORANDUM**

**To:** Committee on Audit, Risk and Compliance

From: Douglas A. Gage Joyl July Vice President for Research and Innovation

**Subject:** Approval of Contract Terms: *Portera Therapeutics, Inc.* 

#### **RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and Portera Therapeutics, Inc., a company in which MSU faculty member Dr. Jetze Tepe holds a financial interest.

#### **RESOLUTION**

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves an option agreement with Portera Therapeutics, Inc. consistent with earlier public notice and with an "Option Agreement Term Sheet" now presented to the Board for inclusion in its minutes.

#### **BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with Portera Therapeutics, Inc. a Delaware C-corporation, was given at the Board of Trustees meeting on December 17, 2021. The terms of an option agreement are now presented for Board approval.

Dr. Jetze Tepe, a Professor in the Department of Chemistry and members of his family own or have options to buy an ownership interest of more than 1% of the company. Dr. Tepe is the scientific founder of Portera Therapeutics and is an officer in the company.

The attached "Option Agreement Term Sheet" summarizes the agreement that MSU has negotiated with Portera Therapeutics, Inc.

cc: Board of Trustees, S. Stanley, M. Woo, T. Woodruff, N. Beauchamp, M. Zeig, B. Mattes, B. Quinn, N. Stuart



### Office of RESEARCH AND INNOVATION

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#### **OPTION AGREEMENT TERM SHEET**

**Party:** Portera Therapeutics, Inc.

**Agreement:** Option agreement for an exclusive world-wide

license to the following:

TEC2016-0128, "Small molecule proteasome activators and uses thereof", US Patent

Application 16/619,876

TEC2017-0020, "Treatment of malignancies," US Patent Application 17/490,999

TEC2022-0022, "Proteasome enhancers and uses thereof," PCT application PCT/US2021/045448

TEC2022-0023, "Proteasome enhancers and uses thereof," PCT application PCT/US2021/045446

TEC2022-0024, "Proteasome enhancers and uses thereof," PCT application PCT/US2021/045440

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.

Two years from the effective date of the option agreement, with a one year extension available.

Initial equity grant of Common Stock equal to 8% of Portera's fully-diluted equity calculated prior to Portera's Series Seed Preferred financing; second equity grant of Common Stock to be made in connection with Portera's next qualified financing to bring MSU up to 3.5% of Portera's fully-diluted equity on up to

Term:

Financial Terms:

Approval of Contract Terms, *Portera Therapeutics, Inc.* February 11, 2022 Page 3

\$10,000,000 raised in the next qualified

financing.

**Services Provided:** By MSU to Portera: None

By Portera to MSU: None

**Use of University** 

Facilities/Personnel: None

Organization Type and

**Domicile:** Delaware C-corporation

**Personnel Interest:** Dr. Jetze Tepe, a Professor in the Department

of Chemistry and members of his family own or have options to buy an ownership interest of more than 1% of the company. Dr. Tepe is the scientific founder of Portera Therapeutics and is

an officer in the company.



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MICHIGAN STATE UNIVERSITY

#### **MEMORANDUM**

**To:** Committee on Audit, Risk and Compliance

From: Douglas A. Gage

Vice President for Research and Innovation

**Subject:** Approval of Contract Terms: *Portera Therapeutics, Inc.* 

#### **RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and Portera Therapeutics, Inc., a company in which MSU faculty member Dr. Jetze Tepe holds a financial interest.

#### **RESOLUTION**

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a sponsored research agreement with Portera Therapeutics, Inc. consistent with earlier public notice and with a "Sponsored Research Agreement Term Sheet" now presented to the Board for inclusion in its minutes.

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#### **BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with Portera Therapeutics, Inc. a Delaware C-corporation, was given at the Board of Trustees meeting on December 17, 2021. The terms of a sponsored research agreement are now presented for Board approval.

Dr. Jetze Tepe, a Professor in the Department of Chemistry and members of his family own or have options to buy an ownership interest of more than 1% of the company. Dr. Tepe is the scientific founder of Portera Therapeutics, Inc. and is an officer in the company.

The attached "Sponsored Research Agreement Term Sheet" summarizes the agreement that MSU has negotiated with Portera Therapeutics, Inc.

#### SPONSORED RESEARCH AGREEMENT TERM SHEET

**Party:** Portera Therapeutics, Inc.

**Agreement:** Preclinical development of 20S proteasome

enhancers involving synthetic organic chemistry

of novel bioactive compounds, and their

evaluation in a panel of assays.

**Term:** Feb. 15, 2022 – August 14, 2023

**Financial Terms:** \$500,000 to MSU for research

**Services Provided:** By MSU to Portera Therapeutics, Inc.: Engage in

chemistry research and synthetic organic chemistry to develop novel routes to useful

reagents.

By Portera Therapeutics, Inc. to MSU: None

contemplated under this agreement

**Use of University** 

**Facilities/Personnel:** Laboratory and related support facilities as

available to the Principal Investigator on the

grant, Jetze Tepe.

**Organization Type and** 

**Domicile:** Delaware C-corporation

**Personnel Interest:** Dr. Jetze Tepe, a Professor in the Department

of Chemistry and members of his family own or have options to buy an ownership interest of more than 1% of the company. Dr. Tepe is the scientific founder of Portera Therapeutics, Inc.

and is an officer in the company.



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#### **MEMORANDUM**

To: Committee on Audit, Risk and Compliance

From:

Douglas A. Gage Journal My Vice President for Research and Innovation

Approval of Contract Terms: National Pesticide Safety Education Subject:

Center (NPSEC)

#### RECOMMENDATION

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and National Pesticide Safety Education Center (NPSEC), a Michigan non-profit corporation, of which Tom Smith, Associate Director of MSU's Institute of Agricultural Technology, is the Executive Director.



### **RESOLUTION**

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a service agreement with National Pesticide Safety Education Center consistent with earlier public notice and with a "Service" Agreement Term Sheet" now presented to the Board for inclusion in its minutes.

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#### **BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with National Pesticide Safety Education Center, a Michigan non-profit corporation, was given at the Board of Trustees meeting on April 12, 2019. The terms of a service agreement are now presented for Board approval.

Mr. Tom Smith, Associate Director of MSU's Institute of Agricultural Technology, is the executive director of the National Pesticide Safety Education Center.

The attached "Service Agreement Term Sheet" summarizes the agreement that MSU has negotiated with National Pesticide Safety Education Center.

#### **SERVICE AGREEMENT TERM SHEET**

**Party:** National Pesticide Safety Education Center

(NPSEC)

**Agreement:** NPSEC to prepare five online education modules

regarding meat processing

**Term:** Through completion of the modules

**Payment Terms:** \$52,080 to NPSEC in fees for service

**Services Provided:** By MSU to NPSEC: None

By NPSEC to MSU: Develop five online modules

**Use of University** 

**Facilities/Personnel:** None contemplated under this agreement

**Organization Type:** Michigan non-profit corporation

**Personnel Interest:** Mr. Tom Smith is the Associate Director of

MSU's Institute of Agricultural Technology and

is the Executive Director of the National Pesticide Safety and Education Center.



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**FEBRUARY 11, 2022** 

BOARD OF TRUSTEES
MICHIGAN STATE UNIVERSITY

#### **MEMORANDUM**

**To:** Committee on Audit, Risk and Compliance

From: Douglas A. Gage Vice President for Research and Innovation

**Subject:** Approval of Contract Terms: *Jolt Energy Storage Technologies, LLC* 

#### **RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and Jolt Energy Storage Technologies, LLC, a Michigan limited liability company, in which MSU faculty member Dr. Thomas F. Guarr holds a financial interest.

#### **RESOLUTION**

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a lease agreement with Jolt Energy Storage Technologies, LLC, consistent with earlier public notice and with a "Lease Agreement Term Sheet" now presented to the Board for inclusion in its minutes.

#### **BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with Jolt Energy Storage Technologies, LLC, a Michigan limited liability company, was given at the Board of Trustees meeting on February 6, 2015. The terms of a lease agreement are now presented for Board approval.

Dr. Thomas F. Guarr, Professor Fixed Term, Director of R&D MSU Bioeconomy Institute holds an ownership interest of more than 1% of the company.

The attached "Lease Agreement Term Sheet" summarizes the agreement that MSU has negotiated with Jolt Energy Storage Technologies, LLC.

cc: Board of Trustees, S. Stanley, M. Woo, T. Woodruff, N. Beauchamp, M. Zeig, B. Mattes, B. Quinn, N. Stuart



## Office of RESEARCH AND INNOVATION

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#### LEASE AGREEMENT TERM SHEET

**Party:** Jolt Energy Storage Technologies, LLC (Jolt)

**Lease Agreement:** Exclusive use of Room 112 and all offices and

subordinate rooms therein. 1,716 ft<sup>2</sup> total, comprised of 1,302 ft<sup>2</sup> Laboratory, 414 ft<sup>2</sup>

office.

Nonexclusive use of Common Areas of the Bioeconomy Institute, as designated by building

management.

**Term:** February 15, 2022 – February 14, 2024

**Financial Terms:** \$3,373 per month for 24 months

**Services Provided:** By MSU to Jolt: Facility maintenance and

custodial service, basic telephone service.

By Jolt to MSU: None contemplated under this

agreement

Use of University

**Facilities/Personnel:** Bioeconomy Institute, located at 242 Howard

Avenue, Holland, MI 49424.

**Organization Type:** Michigan limited liability company

**Personnel Interest:** Dr. Thomas F. Guarr, Professor Fixed Term,

Director of R&D MSU Bioeconomy Institute holds an ownership interest of more than 1% of

the company.



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BOARD OF TRUSTEES
MICHIGAN STATE UNIVERSITY

#### **MEMORANDUM**

**To:** Committee on Audit, Risk and Compliance

**From:** Douglas A. Gage

Vice President for Research and Innovation

**Subject:** Approval of Contract Terms: *Jolt Energy Storage Technologies, LLC* 

#### **RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and Jolt Energy Storage Technologies, LLC, a Michigan limited liability company, in which MSU faculty member Dr. Thomas F. Guarr holds a financial interest.

#### **RESOLUTION**

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a license agreement with Jolt Energy Storage Technologies, LLC, consistent with earlier public notice and with a "License Agreement Term Sheet" now presented to the Board for inclusion in its minutes.

# Office of RESEARCH AND INNOVATION

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#### **BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with Jolt Energy Storage Technologies, LLC, a Michigan limited liability company, was given at the Board of Trustees meeting on February 6, 2015. The terms of a license agreement are now presented for Board approval.

Dr. Thomas F. Guarr, Professor Fixed Term, Director of R&D MSU Bioeconomy Institute holds an ownership interest of more than 1% of the company.

The attached "License Agreement Term Sheet" summarizes the agreement that MSU has negotiated with Jolt Energy Storage Technologies, LLC.

#### LICENSE AGREEMENT TERM SHEET

Party: Jolt Energy Storage Technologies, LLC

**Agreement:** Amendment to worldwide, exclusive license

agreement

**Technology:** Addition of TEC2022-0030, "Highly Soluble

Pyridinium Compounds With Persistent Radical States" to the Patent Rights of the existing

license.

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.

**Term:** Expiration or termination of the patents

**Financial Terms:** Amendment fee of \$2,500; all other financial

terms remain unchanged from license

agreement

**Services Provided:** By MSU to Jolt Energy Storage Technologies,

LLC: None

By Jolt Energy Storage Technologies, LLC to

MSU: None

**Use of University** 

Facilities/Personnel: None

**Organization Type and** 

**Domicile:** Michigan limited liability company

**Personnel Interest:** Dr. Thomas F. Guarr, Professor Fixed Term,

Director of R&D MSU Bioeconomy Institute holds an ownership interest of more than 1% of

the company.



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MICHIGAN STATE UNIVERSITY

#### **MEMORANDUM**

**To:** Committee on Audit, Risk and Compliance

From: Douglas A. Gage for Joseph Vice President for Research and Innovation

**Subject:** Approval of Contract Terms: *Infrastructure Analytics Company* 

#### **RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and Infrastructure Analytics Company, a Wyoming corporation in which MSU faculty member Dr. Nizar Lajnef holds a financial interest.

#### RESOLUTION

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a sponsored research agreement with Infrastructure Analytics Company consistent with earlier public notice and with a "Sponsored Research Agreement Term Sheet" now presented to the Board for inclusion in its minutes.

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#### **BACKGROUND**

In compliance with State law, disclosure of the public servant's pecuniary interest in Infrastructure Analytics Company was made a matter of record in the official proceedings of the Board of Trustees. The terms of a sponsored research agreement are now presented for Board approval.

Dr. Nizar Lajnef, a Professor in the Department of Civil and Environmental Engineering owns or has options to buy an ownership interest of more than 1% of the company.

The attached "Sponsored Research Agreement Term Sheet" summarizes the agreement that MSU has negotiated with Infrastructure Analytics Company.

#### SPONSORED RESEARCH AGREEMENT TERM SHEET

**Party:** Infrastructure Analytics Company

**Agreement:** Infrastructure-to-Everything (I2X)

Communication Technology for Autonomous

and Connected Vehicle Support

**Term:** 1/1/22-12/31/22

**Financial Terms:** \$30,000 to MSU

**Services Provided:** By MSU to Infrastructure Analytics Company:

MSU will support the testing and verification of the prototypes in small scale field tests on

MSU's campus.

By Infrastructure Analytics Company to MSU:

None

**Use of University** 

**Facilities/Personnel:** Engineering Building; Dr. Ali Zokaie and Dr.

Nizar Lajnef

**Organization Type and** 

**Domicile:** Wyoming Corporation

**Personnel Interest:** Dr. Nizar Lajnef, a Professor in the Department

of Civil and Environmental Engineering owns or has options to buy an ownership interest of

more than 1% of the company.

### MICHIGAN STATE

February 11, 2022

**APPROVED** 

**FEBRUARY 11, 2022** 

BOARD OF TRUSTEES
MICHIGAN STATE UNIVERSITY

#### **MEMORANDUM**

**To:** Committee on Audit, Risk and Compliance

From: Douglas A. Gage Vice President for Research and Innovation

**Subject:** Approval of Contract Terms: *IASO Therapeutics, Inc.* 

#### **RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and IASO Therapeutics, Inc., a Michigan corporation, in which MSU faculty member Dr. Xuefei Huang holds a financial interest.

#### RESOLUTION

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a sponsored research agreement with IASO Therapeutics, Inc., consistent with earlier public notice and with a "Sponsored Research Agreement Term Sheet" now presented to the Board for inclusion in its minutes.



### RESEARCH AND INNOVATION

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#### **BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with IASO Therapeutics, Inc., a Michigan corporation, was given at the Board of Trustees meeting on February 16, 2018. The terms of a sponsored research agreement are now presented for Board approval.

Dr. Xuefei Huang, a Professor in the Department of Chemistry, owns, or has options to buy, an interest in the company.

The attached "Sponsored Research Agreement Term Sheet" summarizes the agreement that MSU has negotiated with IASO Therapeutics, Inc.

#### SPONSORED RESEARCH AGREEMENT TERM SHEET

**Party:** IASO Therapeutics, Inc.

**Agreement:** Mouse model support for a project entitled

Proprietary Bacteriophage Qbeta Mutant as a Platform Carrier for Next Generation Vaccines

**Term:** 4/1/2022-3/31/2024

**Payment Terms:** \$35,164 to MSU

**Services Provided:** By MSU to IASO Therapeutics, Inc.: Support

and conduct of mouse studies

By IASO Therapeutics, Inc. to MSU: None

**Use of University** 

**Facilities/Personnel:** Engineering Building; Dr. Zhen Qiu

**Organization Type:** Michigan C-Corporation

**Personnel Interest:** Dr. Xuefei Huang, a Professor in the

Department of Chemistry, owns, or has options

to buy, an interest in the company.



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**FEBRUARY 11, 2022** 

BOARD OF TRUSTEES
MICHIGAN STATE UNIVERSITY

#### **MEMORANDUM**

**To:** Committee on Audit, Risk and Compliance

**From:** Douglas A. Gage

Vice President for Research and Innovation

**Subject:** Approval of Contract Terms: *Scion Plasma, LLC* 

#### **RECOMMENDATION**

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and Scion Plasma, LLC, a company in which MSU faculty member Dr. Qi Hua Fan holds a financial interest.

#### **RESOLUTION**

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a purchase agreement with Scion Plasma, LLC consistent with earlier public notice and with a "Purchase Agreement Term Sheet" now presented to the Board for inclusion in its minutes.

#### **BACKGROUND**

In compliance with State law, public notice of the University's intent to negotiate contracts with Scion Plasma, LLC a Michigan limited liability company, was given at the Board of Trustees meeting on June 22, 2018. The terms of a purchase agreement are now presented for Board approval.

Dr. Qi Hua Fan, Associate Professor in the Department of Electrical and Computer Engineering, and members of his family own or have options to buy an ownership interest of more than 1% of the company.

The attached "Purchase Agreement Term Sheet" summarizes the agreement that MSU has negotiated with Scion Plasma, LLC.

cc: Board of Trustees, S. Stanley, M. Woo, T. Woodruff, N. Beauchamp, M. Zeig, B. Mattes, B. Quinn, N. Stuart



Office of RESEARCH AND INNOVATION

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#### **PURCHASE AGREEMENT TERM SHEET**

Party: Scion Plasma, LLC

**Agreement:** MSU to purchase one Round Single Beam Ion

Source from Scion Plasma, LLC

**Payment Terms:** \$4,675.00 to Scion Plasma, LLC for one Round

Single Beam Ion Source

**Services Provided:** By MSU to Scion Plasma, LLC: None

By Scion Plasma, LLC to MSU: None

**Use of University** 

**Facilities/Personnel:** None contemplated under this agreement

**Organization Type:** Michigan limited liability company

**Personnel Interest:** Dr. Qi Hua Fan, Associate Professor in the

Department of Electrical and Computer

Engineering, and members of his family own or have options to buy an ownership interest of

more than 1% of the company.