

Jason E. Bennett,

Director, Division of the Executive Secretariat.

[FR Doc. 2016-21168 Filed 9-1-16; 8:45 am]

BILLING CODE 4165-15-P

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### Prospective Grant of Exclusive Patent License: Development of Integrin $\alpha v \beta 3$ Antagonists for Use in Imaging and Therapy

**AGENCY:** National Institutes of Health, HHS.

**ACTION:** Notice.

**SUMMARY:** This is notice, in accordance with 35 U.S.C. 209(c)(1) and 37 CFR part 404.7(a)(1)(i), that the National Cancer Institute (NCI) and the Clinical Center (CC), National Institutes of Health, Department of Health and Human Services, are contemplating the grant of an exclusive license to Advanced Imaging Projects, LLC, a company having a place of business in Boca Raton, FL, to practice the inventions embodied in the following patent applications:

#### Intellectual Property

U.S. Patent No. 7,300,940, filed 4 August 2004, titled "Integrin  $\alpha v \beta 3$  antagonists for use in imaging and therapy" (HHS Ref. No.: E-170-2004/0-US-01);

PCT Application No. PCT/US2005/027868, filed 3 August 2005, now abandoned, titled "Integrin  $\alpha v \beta 3$  antagonists for use in imaging and therapy" (HHS Ref. No.: E-170-2004/0-PCT-02);

Switzerland Patent No. 1781622, titled "Integrin  $\alpha v \beta 3$  antagonists for use in imaging and therapy" filed 4 March 2007, issued 18 May 2011 (HHS Ref. No.: E-170-2004/0-CH-04);

Germany Patent No. 602005028137.1, titled "Integrin  $\alpha v \beta 3$  antagonists for use in imaging and therapy" filed 4 March 2007, issued 18 May 2011 (HHS Ref. No.: E-170-2004/0-DE-05);

France Patent No. 1781622, titled "Integrin  $\alpha v \beta 3$  antagonists for use in imaging and therapy" filed 4 March 2007, issued 18 May 2011 (HHS Ref. No.: E-170-2004/0-FR-060); and

Ireland Patent No. 1781622, titled "Integrin  $\alpha v \beta 3$  antagonists for use in imaging and therapy" filed 4 March 2007, issued 18 May 2011 (HHS Ref. No.: E-170-2004/0-IE-07).

The patent rights in these inventions have been assigned to the Government of the United States of America. The territory of the prospective exclusive

license may be worldwide, and the field of use may be limited to "Conjugate of Alpha-V beta-3 antagonist NIH-CC-013 for theranostic application to diagnose, prevent and treat oncological, infectious, ocular and cardiovascular disorders."

**DATES:** Only written comments and/or applications for a license which are received by the NCI Technology Transfer Center on or before September 19, 2016 will be considered.

**ADDRESSES:** Requests for copies of the patent application(s), inquiries, comments, and other materials relating to the contemplated exclusive license should be directed to: Jaime M. Greene, M.S., Senior Licensing and Patenting Manager, Technology Transfer Center, National Cancer Institute, 9609 Medical Center Drive, Rockville, MD 20850; telephone: 240-276-6633; email: [greenejaime@mail.nih.gov](mailto:greenejaime@mail.nih.gov).

**SUPPLEMENTARY INFORMATION:** This technology concerns small molecule compositions that are antagonists for the receptor integrin  $\alpha v \beta 3$ . Integrins are functional molecules for cell adhesion activity that are expressed by the majority of normal and cancer cells. They are trans-membrane heterodimer receptors that include two subunits,  $\alpha$  and  $\beta$  chains, that primarily allow cell adhesion to extracellular matrix components such as fibrillar collagen, vitronectin and osteopontin. This technology may be useful for the development of diagnostics and therapeutics for cancers and other conditions involving the integrin  $\alpha v \beta 3$ .

The prospective exclusive license will be royalty bearing and will comply with the terms and conditions of 35 U.S.C. 209 and 37 CFR part 404.7. The prospective exclusive license may be granted unless within fifteen (15) days from the date of this published notice, the NIH receives written evidence and argument that establishes that the grant of the license would not be consistent with the requirements of 35 U.S.C. 209 and 37 CFR part 404.7.

Complete applications for a license in the prospective field of use that are filed in response to this notice will be treated as objections to the grant of the contemplated Exclusive Patent License Agreement. Comments and objections submitted to this notice will not be made available for public inspection and, to the extent permitted by law, will not be released under the *Freedom of Information Act*, 5 U.S.C. 552.

Dated: August 29, 2016.

Richard U. Rodriguez,

Associate Director, Technology Transfer Center, National Cancer Institute.

[FR Doc. 2016-21113 Filed 9-1-16; 8:45 am]

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## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### Government-Owned Inventions; Availability for Licensing

**AGENCY:** National Institutes of Health, HHS.

**ACTION:** Notice.

**SUMMARY:** The inventions listed below are owned by an agency of the U.S. Government and are available for licensing in the U.S. in accordance with 35 U.S.C. 209 and 37 CFR part 404 to achieve expeditious commercialization of results of federally-funded research and development. Foreign patent applications are filed on selected inventions to extend market coverage for companies and may also be available for licensing.

**FOR FURTHER INFORMATION CONTACT:** Licensing information and copies of the U.S. patent applications listed below may be obtained by writing to the indicated licensing contact at the National Heart, Lung and Blood Institute, Office of Technology Transfer and Development, National Institutes of Health, 31 Center Drive Room 4A29, MSC2479, Bethesda, MD 20892-2479; telephone: 301-402-5579. A signed Confidential Disclosure Agreement may be required to receive copies of the patent applications.

**SUPPLEMENTARY INFORMATION:** Technology descriptions follow.

#### Microscopy Systems for Instant Internal Reflection Fluorescence/ Structured Illumination

*Description of Technology:* Structured illumination microscopy (SIM) is a method that uses sharply patterned light and post-processing of images to enhance image resolution (in its linear form, doubling resolution). In traditional SIM, a series of images are acquired with a camera and computationally processed to improve resolution. This implementation of SIM has also been combined with total internal reflection fluorescence (TIRF), but the implementation still requires raw images relative to normal TIRF microscopy, thereby slowing acquisition 9-fold relative to conventional, diffraction-limited imaging. This TIRF/

SIM system includes a radial aperture block positioned at a plane conjugate to the back focal plane of the objective lens, thus allowing only high-angle marginal annular light beams from a laser source to excite the sample. The radial aperture block can be replaced with a digital micromirror device for varying the evanescent wave to allow nanometric localization of features in the axial direction. A spatial light modulator (SLM) can be used to alter the phase of the excitation to optimally induce evanescent, patterned excitation at the sample. Various embodiments of the TIRF/SIM system allows for high-speed, super-resolution microscopy at very high signal-to-noise (SNR) ratios for biological applications within ~200 nm (e.g., the evanescent wave decay length) distance of a coverslip surface.

*Potential Commercial Applications:*

- High speed microscopy.

*Competitive Advantages:* • Low cost of manufacture.

*Development Stage:* • Prototype.

*Inventors:* Hari Shroff (NIBIB), Justin Taraska (NHBLI), John Giannini (NIBIB), Yicong Wu (NIBIB), Abhishek Kumar (NIBIB), Min Guo (NIBIB).

*Publications*

1. Christensen RP, et al. Untwisting the Caenorhabditis elegans embryo. *Elife*. 2015 Dec 3;4. [PMID: 26633880]
2. Curd A., et al. Construction of an instant structured illumination microscope. *Methods*. 2015 Oct 15;88:37–47. [PMID: 26210400]

*Intellectual Property:* HHS Reference No. E-006-2016/0.

- US Provisional Patent Application No. 62/378,307 filed 23 Aug 2016.

*Licensing Contact:* Michael Shmilovich, Esq. CLP; 301-435-5019; [shmilovm@mail.nih.gov](mailto:shmilovm@mail.nih.gov).

Dated: August 29, 2016.

**Michael Shmilovich,**

*National Heart, Lung and Blood Institute, Office of Technology Transfer and Development, National Institutes of Health.*

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## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Institute of Allergy and Infectious Diseases; Notice of Closed Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), notice is hereby given of the following meeting.

The meeting will be closed to the public in accordance with the provisions set forth in sections 552b(c)(4) and 552b(c)(6), Title 5 U.S.C., as amended. The grant applications and the discussions could disclose confidential trade secrets or commercial property such as patentable material, and personal information concerning individuals associated with the grant applications, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

*Name of Committee:* National Institute of Allergy and Infectious Diseases Special Emphasis Panel, NIAID Clinical Trial Implementation Cooperative Agreement (U01).

*Date:* October 5, 2016.

*Time:* 9:00 a.m. to 11:00 a.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, 5601 Fishers Lane, Rockville, MD 20892, (Telephone Conference Call).

*Contact Person:* Lynn Rust, Ph.D., Scientific Review Officer, Scientific Review Program, Division of Extramural Activities, Room 3G42A, National Institutes of Health/NIAID, 5601 Fishers Lane, MSC 9823, Bethesda, MD 20892-9823, (240) 669-5069, [lrust@niaid.nih.gov](mailto:lrust@niaid.nih.gov).

(Catalogue of Federal Domestic Assistance Program Nos. 93.855, Allergy, Immunology, and Transplantation Research; 93.856, Microbiology and Infectious Diseases Research, National Institutes of Health, HHS)

Dated: August 29, 2016.

**Natasha M. Copeland,**

*Program Analyst, Office of Federal Advisory Committee Policy.*

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## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Institute of Allergy and Infectious Diseases; Notice of Closed Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), notice is hereby given of the following meeting.

The meeting will be closed to the public in accordance with the provisions set forth in sections 552b(c)(4) and 552b(c)(6), Title 5 U.S.C., as amended. The grant applications and the discussions could disclose confidential trade secrets or commercial property such as patentable material, and personal information concerning individuals associated with the grant applications, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

*Name of Committee:* National Institute of Allergy and Infectious Diseases Special Emphasis Panel; NIAID Clinical Trial Implementation Cooperative Agreement (U01).

*Date:* September 26, 2016.

*Time:* 10:00 a.m. to 3:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, 5601 Fishers Lane, Rockville, MD 20892 (Telephone Conference Call).

*Contact Person:* Lynn Rust, Ph.D., Scientific Review Officer, Scientific Review Program, Division of Extramural Activities, Room 3G42A, National Institutes of Health/NIAID, 5601 Fishers Lane, MSC 9823, Bethesda, MD 20892-9823, (240) 669-5069, [lrust@niaid.nih.gov](mailto:lrust@niaid.nih.gov).

(Catalogue of Federal Domestic Assistance Program Nos. 93.855, Allergy, Immunology, and Transplantation Research; 93.856, Microbiology and Infectious Diseases Research, National Institutes of Health, HHS)

Dated: August 29, 2016.

**Natasha M. Copeland,**

*Program Analyst, Office of Federal Advisory Committee Policy.*

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## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Institute of Allergy and Infectious Diseases; Notice of Closed Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), notice is hereby given of the following meeting.

The meeting will be closed to the public in accordance with the provisions set forth in sections 552b(c)(4) and 552b(c)(6), title 5 U.S.C., as amended. The grant applications and the discussions could disclose confidential trade secrets or commercial property such as patentable material, and personal information concerning individuals associated with the grant applications, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

*Name of Committee:* National Institute of Allergy and Infectious Diseases Special Emphasis Panel NIAID Clinical Trial Implementation Cooperative Agreement (U01).

*Date:* September 28, 2016.

*Time:* 10:00 a.m. to 12:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, 5601 Fishers Lane, Rockville, MD 20892 (Telephone Conference Call).

*Contact Person:* Lynn Rust, Ph.D., Scientific Review Officer, Scientific Review