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Cannula for Pressure Mediated Drug Delivery

Stephen Wiener, Robert Hoyt, John Deleonardis, Randal Clevenger, Robert Lutz, Brian Safer (NHLBI)
PCT Application No. PCT/US99/11277 filed 21 May 1999, which published as WO 99/59666 on 25 Nov 1999 (DHHS Reference No. E-196-1998/2-PCT-01); U.S., Australian, Japanese, and European rights pending
Licensing Contact: Michael Shmilovich; 301/435-5019; shmilovm@mail.nih.gov.

Available for licensing are methods and devices for selective delivery of therapeutic substances to specific histologic or microanatomic areas of organs (introduction of the therapeutic substance into a hollow organ space (such as an hepatobiliary duct or the gallbladder lumen) at a controlled pressure, volume or rate allows the substance to reach a predetermined cellular layer (such as the epithelium or sub-epithelial space). The volume or flow rate of the substance can be controlled so that the intraluminal pressure reaches a predetermined threshold level beyond which subsequent subepithelial delivery of the substance occurs. Alternatively, a lower pressure is selected that does not exceed the threshold level, so that delivery occurs substantially only to the epithelial layer. Such site-specific delivery of therapeutic agents permits localized delivery of substances (for example to the interstitial tissue of an organ) in concentrations that may otherwise produce systemic toxicity. Occlusion of venous or lymphatic drainage from the organ can also help prevent systemic administration of therapeutic substances, and increases selective delivery to superficial epithelial cellular layers. Delivery of genetic vectors can also be better targeted to cells where gene expression is desired. The access device comprises a cannula with a wall piercing trocar within the lumen. Two axially spaced inflatable balloons engage the wall securing the cannula and sealing the puncture site. A catheter equipped with an occlusion balloon is guided through the cannula to the location where the therapeutic substance is to be delivered.

Dated: March 17, 2005.

Steven M. Ferguson,

Director, Division of Technology Development and Transfer, Office of Technology Transfer, National Institutes of Health.

[FR Doc. 05-5875 Filed 3-23-05; 8:45 am]

BILLING CODE 4140-01-P

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

Clinical Center; Amended Notice of Meeting

Notice is hereby given of a change in the meeting of the NIH Advisory Board for Clinical Research, March 28, 2005, 10 a.m. to March 28, 2005, 2 p.m., National Institutes of Health, Building 10, 10 Center Drive, Medical Board Room 4-2551, Bethesda, MD, 20892 which was published in the **Federal Register** on March 11, 2005, FR 70 12223.

The open session will occur from 10 a.m.-1 p.m. The closed session will begin approximately at 1 p.m. and run until 2 p.m. The meeting will be held in the Clinical Center, Bldg. 10, Rm. 4-2551, CRC Medical Board Room. The meeting is partially closed to the public.

Dated: March 17, 2005.

LaVerne Y. Stringfield,

Director, Office of Federal Advisory Committee Policy.

[FR Doc. 05-5872 Filed 3-23-05; 8:45 am]

BILLING CODE 4140-01-M

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Heart, Lung, and Blood Institute; Notice of Closed Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. Appendix 2), 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 Heart, Lung, and Blood Institute Special Emphasis Panel, Review of Research Projects (Cooperative Agreements) (U01s).

Date: April 18, 2005.

Time: 2 p.m. to 3:30 p.m.

Agenda: To review and evaluate cooperative agreement applications.

Place: National Institutes of Health, 6701 Rockledge Drive, Bethesda, MD 20892, (Telephone Conference Call).

Contact Person: Keith A. Mintzer, PhD, Scientific Review Administrator, Review Branch, Division of Extramural Affairs, National Heart, Lung, and Blood Institute, National Institutes of Health, 6701 Rockledge Drive, Room 7186, MSC 7924, Bethesda, MD 20892, 301-435-0280.

(Catalogue of Federal Domestic Assistance Program Nos. 93.233, National Center for Sleep Disorders Research; 93.837, Heart and Vascular Diseases Research; 93.838, Lung Diseases Research; 93.839, Blood Diseases and Resources Research, National Institutes of Health, HHS)

Dated: March 17, 2005.

LaVerne Y. Stringfield,

Director, Office of Federal Advisory Committee Policy.

[FR Doc. 05-5870 Filed 3-23-05; 8:45 am]

BILLING CODE 4140-01-M

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute of Diabetes and Digestive and Kidney Diseases; Notice of Closed Meetings

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. Appendix 2), notice is hereby given of the following meetings.

The meetings 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/or contract proposals 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 and/or contract proposals, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

Name of Committee: National Institute of Diabetes and Digestive and Kidney Diseases Special Emphasis Panel, Antidepressant Therapy for Functional Dyspepsia.

Date: April 4, 2005.

Time: 3 p.m. to 4:30 p.m.

Agenda: To review and evaluate grant applications.

Place: National Institutes of Health, Two Democracy Plaza, 6707 Democracy Boulevard, Bethesda, MD 20892. (Telephone Conference Call).

Contact Person: Lakshmanan Sankaran, PhD, Scientific Review Administrator, Review Branch, DEA, NIDDK, National Institutes of Health, Room 777, 6707 Democracy Boulevard, Bethesda, MD 20892-5452, (301) 594-7799, Is38oz@nih.gov.

This notice is being published less than 15 days prior to the meeting due to the timing