

diagnostic applications and can be visualized through microscopy.

Potential Commercial Applications

- Imaging
- Therapeutics

Competitive Advantages

- Higher degree of functionalization for carbon nanoparticles

Development Stage

- Early Stage

Inventors: Keir Neuman, Rolf Swenson, Ganesh Shenoy, Chandrasekhar Mushti (all of NHLBI).

Publications:

1. Mochalin, V. N.; Shenderova, O.; Ho, D.; Gogotsi, Y., The Properties and Applications of Nanodiamonds. *Nature Nanotechnology* 2012, 7 (1), 11–23.
2. Huang, J.; Deming, C. P.; Song, Y.; Kang, X.; Zhou, Z.-Y.; Chen, S., Chemical Analysis of Surface Oxygenated Moieties of Fluorescent Carbon Nanoparticles. *Nanoscale* 2012, 4 (3), 1010–1015.
3. Nystrom, R. F.; Brown, W. G., Reduction of Organic Compounds by Lithium Aluminum Hydride. I. Aldehydes, Ketones, Esters, Acid Chlorides and Acid Anhydrides. *Journal of the American Chemical Society* 1947, 69 (5), 1197–1199.
4. Nystrom, R. F.; Brown, W. G., Reduction of Organic Compounds by Lithium Aluminum Hydride. II. Carboxylic Acids. *Journal of the American Chemical Society* 1947, 69 (10), 2548–2549.
5. Aller, E.; Brown, D. S.; Cox, G. G.; Miller, D. J.; Moody, C. J. Diastereoselectivity in the O–H Insertion Reactions of Rhodium Carbenoids Derived from Phenyl diazoacetates of Chiral Alcohols. Preparation Of .Alpha.-Hydroxy And .Alpha.-Alkoxy Esters. *The Journal of Organic Chemistry* 1995, 60 (14), 4449–4460.
6. Hoehnel, S; Lutolf, M.P., Capturing Cell-Cell Interactions via SNAP-tag and CLIP-tag Technology. *Bioconjugate Chemistry* 2015, 26, 1678–1686.
7. Moon, W. K.; Lin, Y.; O'Loughlin, T.; Tang, Y.; Kim, D.-E.; Weissleder, R.; and Tung, C.-H., Enhanced Tumor Detection Using a Folate Receptor-Targeted Near-Infrared Fluorochrome Conjugate. *Bioconjugate Chemistry* 2003, 14, 539–545.
8. Fu, C. C., Lee, H. Y., Chen, K. C., Lim, T. S., Wu, H. Y., Lin, P. K., Wei, P. K., Tsao, P. H., Chang, H. C., Fann, W. Characterization and application of single fluorescent nanodiamonds as cellular biomarkers. *Proceedings of the National Academy of Sciences of the United States of America*, 2007, 104(3), 727–732.
9. Chang, B. M., Lin, H. H., Su, L. J., Lin, W. D., Lin, R. J., Tzeng, Y. K., Lee, R. T., Lee, Y. C., Yu, A. L., Chang, H. C., Highly Fluorescent Nanodiamonds Protein-Functionalized for Cell Labeling and Targeting. *Advanced Functional Materials* 23(46): 5737–5745.

Intellectual Property: HHS Reference No. E–207–2016/0.

- US Provisional Patent Application No. 62/402,339 filed 30 September 2016.

Licensing Contact: Michael Shmilovich, Esq, CLP; 301–435–5019; shmilovm@mail.nih.gov.

Dated: October 6, 2016.

Michael Shmilovich,

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

[FR Doc. 2016–24693 Filed 10–12–16; 8:45 am]

BILLING CODE 4140–01–P

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. 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: Heart, Lung, and Blood Initial Review Group; NHLBI Mentored Transition to Independence Review Committee.

Date: November 3–4, 2016.

Time: 8:00 a.m. to 5:00 p.m.

Agenda: To review and evaluate grant applications.

Place: The William F. Bolger Center, 9600 Newbridge Drive, Potomac, MD 20854.

Contact Person: Giuseppe Pintucci, Ph.D., Scientific Review Officer, Office of Scientific Review/DERA, National Heart, Lung, and Blood Institute, 6701 Rockledge Drive, Room 7192, Bethesda, MD 20892, 301–435–0287, Pintuccig@nhlbi.nih.gov.

(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)

October 5, 2016.

Michelle Trout,

Program Analyst, Office of Federal Advisory Committee Policy.

[FR Doc. 2016–24694 Filed 10–12–16; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

Notice of Diabetes Mellitus Interagency Coordinating Committee meeting

SUMMARY: The Diabetes Mellitus Interagency Coordinating Committee (DMICC) will hold a meeting on October 18, 2016. The subject of the meeting will be “How Reproducible Are People? Understanding Health Histories Using Medicare Claims Data.” The meeting is open to the public.

DATES: The meeting will be held on October 18, 2016; from 1:00 p.m. to 3:30 p.m. Individuals wanting to present oral comments must notify the contact person at least 10 days before the meeting date.

ADDRESSES: The meeting will be held in the Democracy 2 Building at 6707 Democracy Blvd., Bethesda, MD, in Conference Room 7050.

FOR FURTHER INFORMATION CONTACT: For further information concerning this meeting, see the DMICC Web site, www.diabetescommittee.gov, or contact Dr. B. Tibor Roberts, Executive Secretary of the Diabetes Mellitus Interagency Coordinating Committee, National Institute of Diabetes and Digestive and Kidney Diseases, 31 Center Drive, Building 31A, Room 9A19, MSC 2560, Bethesda, MD 20892–2560, telephone: 301–496–6623; FAX: 301–480–6741; email: dmicc@mail.nih.gov.

SUPPLEMENTARY INFORMATION: The DMICC, chaired by the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) comprising members of the Department of Health and Human Services and other federal agencies that support diabetes-related activities, facilitates cooperation, communication, and collaboration on diabetes among government entities. DMICC meetings, held several times a year, provide an opportunity for Committee members to learn about and discuss current and future diabetes programs in DMICC member organizations and to identify opportunities for collaboration. The October 18, 2016 DMICC meeting will focus on How Reproducible Are People? Understanding Health Histories Using Medicare Claims Data.

Any member of the public interested in presenting oral comments to the Committee should notify the contact person listed on this notice at least 10 days in advance of the meeting. Interested individuals and representatives or organizations should submit a letter of intent, a brief description of the organization represented, and a written copy of their oral presentation in advance of the meeting. Only one representative of an organization will be allowed to present; oral comments and presentations will be limited to a maximum of 5 minutes. Printed and electronic copies are requested for the record. In addition, any interested person may file written comments with the Committee by forwarding their statement to the contact person listed on this notice. The statement should include the name, address, telephone number and when applicable, the business or professional affiliation of the interested person. Because of time constraints for the meeting, oral comments will be allowed on a first-come, first-serve basis.

Members of the public who would like to receive email notification about future DMICC meetings should register for the listserv available on the DMICC Web site, www.diabetescommittee.gov.

Dated: October 4, 2016.

B. Tibor Roberts,

Executive Secretary, DMICC, Office of Scientific Program and Policy Analysis, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health.

[FR Doc. 2016-24777 Filed 10-12-16; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Library of Medicine; Notice of Meetings

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

The meeting will be open to the public as indicated below, with attendance limited to space available. Individuals who plan to attend and need special assistance, such as sign language interpretation or other reasonable accommodations, should notify the Contact Person listed below in advance of the meeting.

The portions of the meeting devoted to the review and evaluation of journals

for potential indexing by the National Library of Medicine will be closed to the public in accordance with the provisions set forth in section 552b(c)(9)(B), Title 5 U.S.C., as amended. Premature disclosure of the titles of the journals as potential titles to be indexed by the National Library of Medicine, the discussions, and the presence of individuals associated with these publications could significantly frustrate the review and evaluation of individual journals.

Name of Committee: Literature Selection Technical Review Committee.

Date: February 23–24, 2017.

Open: February 23, 2017, 8:30 a.m. to 10:45 a.m.

Agenda: Administrative.

Place: National Library of Medicine, Building 38, 2nd Floor, The Lindberg Room, 8600 Rockville Pike, Bethesda, MD 20894.

Closed: February 23, 2017, 10:45 a.m. to 5:00 p.m.

Agenda: To review and evaluate journals as potential titles to be indexed by the National Library of Medicine.

Place: National Library of Medicine, Building 38, 2nd Floor, The Lindberg Room, 8600 Rockville Pike, Bethesda, MD 20894.

Closed: February 24, 2017, 8:30 a.m. to 2:00 p.m.

Agenda: To review and evaluate journals as potential titles to be indexed by the National Library of Medicine.

Place: National Library of Medicine, Building 38, 2nd Floor, The Lindberg Room, 8600 Rockville Pike, Bethesda, MD 20894.

Contact Person: Joyce Backus, M.S.L.S., Associate Director, Division of Library Operations, National Library of Medicine, 8600 Rockville Pike, Building 38, Room 2W04, Bethesda, MD 20892, 301-496-3497, backusj@mail.nih.gov.

Any interested person may file written comments with the committee by forwarding the statement to the Contact Person listed on this notice. The statement should include the name, address, telephone number and when applicable, the business or professional affiliation of the interested person.

In the interest of security, NIH has instituted stringent procedures for entrance onto the NIH campus. All visitor vehicles, including taxicabs, hotel, and airport shuttles will be inspected before being allowed on campus. Visitors will be asked to show one form of identification (for example, a government-issued photo ID, driver's license, or passport) and to state the purpose of their visit.

(Catalogue of Federal Domestic Assistance Program No. 93.879, Medical Library Assistance, National Institutes of Health, HHS)

Dated: October 5, 2016.

Michelle Trout,

Program Analyst, Office of Federal Advisory Committee Policy.

[FR Doc. 2016-24703 Filed 10-12-16; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Library of Medicine; Notice of Meetings

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App), notice is hereby given of meetings of the Board of Regents of the National Library of Medicine.

The meeting will be open to the public as indicated below, with attendance limited to space available. Individuals who plan to attend and need special assistance, such as sign language interpretation or other reasonable accommodations, should notify the Contact Person listed below in advance of the 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 materials, 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: Board of Regents of the National Library of Medicine Extramural Programs Subcommittee.

Date: February 7, 2017.

Closed: 7:45 a.m. to 8:45 a.m.

Agenda: To review and evaluate grant applications.

Place: National Library of Medicine, Building 38, Conference Room B, 8600 Rockville Pike, Bethesda, MD 20892.

Contact Person: Patricia Flatley Brennan, RN, Ph.D., Director, National Library of Medicine, 8600 Rockville Pike, Building 38, Room 2E17, Bethesda, MD 20892, 301-496-6661, patti.brennan@nih.gov.

Name of Committee: Board of Regents of the National Library of Medicine.

Date: February 7–8, 2017.

Open: February 7, 2017, 9:00 a.m. to 4:30 p.m.

Agenda: Program Discussion.

Place: National Library of Medicine, Building 38, 2nd Floor, The Lindberg Room, 8600 Rockville Pike, Bethesda, MD 20892.

Closed: February 7, 2017, 4:30 p.m. to 5:00 p.m.

Agenda: To review and evaluate grant applications.

Place: National Library of Medicine, Building 38, 2nd Floor, The Lindberg Room, 8600 Rockville Pike, Bethesda, MD 20892.

Open: February 8, 2017, 9:00 a.m. to 12:00 p.m.

Agenda: Program Discussion.

Place: National Library of Medicine, Building 38, 2nd Floor, The Lindberg Room, 8600 Rockville Pike, Bethesda, MD 20892.