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# Research Administration Newsletter

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## **Funding Opportunities**

### **Notice of Intent to Publish a Request for Applications for the NIH Partners in Research Program**

The purpose of the NIH Partners in Research Program is to support two-year pilot and/or feasibility studies of innovative activities designed to improve public understanding of biomedical and behavioral research, develop strategies for promoting collaboration between scientists and the community to improve the health of the public, and to identify the conditions (e.g., settings and approaches) that will enhance the effectiveness of such activities. The long-term objectives of this initiative are: (1) to raise the level of public awareness and understanding of biomedical and behavioral research related to health, the role of the National Institutes of Health, the role the public can play in the research enterprise, and the value of public funding; (2) to increase scientists' awareness of the importance of public engagement; and (3) to provide a menu of techniques for researchers and communities to implement to facilitate the participation of lay communities in the health research endeavor.

Click link for details:

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-07-089.html>

### **Development of High Resolution Probes for Cellular Imaging (R01)**

The National Institute of General Medical Sciences (NIGMS) and the National Human Genome Research Institute (NHGRI) invite applications to support multi-investigator teams to develop new technologies to enable high sensitivity molecular detection in living cells. The purpose of this funding opportunity is to encourage and facilitate novel, high-risk strategies to create fundamentally new probes with enhanced spectral characteristics with the goal of improving detection schemes by a factor of 10 to 100. Parallel improvements in probe targeting, cellular delivery, and signal detection are also encouraged. The ultimate

goal will be to develop probes and delivery strategies that can be used routinely to achieve single molecule sensitivity for imaging dynamic processes within living cells.

The participating Institutes intend to commit approximately \$5 million in FY 2008 to fund 6 to 8 multi-investigator R01 grants, each with a budget for total direct costs of up to \$500,000 per year, in response to this funding opportunity.

Click link for details:

<http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-08-009.html>

### **Non-Competing Grant Awards Under the Current Continuing Resolution**

The Department of Health and Human Services (HHS) continues to operate on a continuing resolution (CR) that currently extends through November 16, 2007. The CR applies the terms of the FY 2007 appropriations for the period covered by the CR. Until the final FY 2008 appropriation is enacted, NIH will issue non-competing research grant awards at a level below that indicated on the most recent Notice of Award (generally up to 80% of the previously committed level). This is consistent with our practice during the CRs of FY 2006 & 2007. NIH will consider upward adjustments to these levels after the final appropriation is enacted, but expects institutions to monitor their expenditures carefully during this period.

Click link for details:

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-08-001.html>

### **2008 NIH Director's Pioneer Award Program (DP1)**

The NIH Director's Pioneer Award Program is meant to complement NIH's traditional, investigator-initiated grant programs by supporting individual scientists of exceptional creativity who propose pioneering and possibly transformative approaches to major contemporary challenges that have the potential to produce a major impact in a broad area of biomedical or behavioral research. To be considered pioneering, the

proposed research must reflect ideas substantially different from those already being pursued in the investigator's laboratory or elsewhere.

Click link for details:

<http://www.grants.gov/search/search.do?&mode=VIEW&flag2006=true&oppld=15848>

## Articles

### Most cited thru November 2007

#### *Investigative Ophthalmology & Visual Science*

#5. Lopez PF, Sippy BD, Lambert HM, Thach AB, **Hinton DR**. Transdifferentiated retinal pigment epithelial cells are immunoreactive for vascular endothelial growth factor in surgically excised age-related macular degeneration-related choroidal neovascular membranes. *Invest Ophthalmol Vis Sci* 1996;37:855-868.

### Publications

1. **Agrawal RN, He S, Spee C, Cui JZ, Ryan SJ, Hinton DR**. In vivo models of proliferative vitreoretinopathy. *Nat Protoc* 2007;2:67-77.
2. Brodsky MC, Wright KW. Infantile esotropia with nystagmus - A treatable cause of oscillatory head movements in children. *Arch Ophthalmol* 2007;125:1079-1081.
3. **Chao JR, Lai MY, Azen SP, Klein R, Varma R**. Retinopathy in persons without diabetes: The Los Angeles Latino Eye Study. *Invest Ophthalmol Vis Sci* 2007;48:4019-4025.
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7. Huang CC, **Ameri H, DeBoer C, Rowley AP, Xu X, Sun L, Wang SH, Humayun MS, Shung KK**. Evaluation of lens hardness in cataract surgery using high-frequency ultrasonic parameters in vitro. *Ultrasound Med Biol* 2007;33:1609-1616.
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9. Ip JM, Huynh SC, Kifley A, Rose KA, Morgan IG, **Varma R, Mitchell P**. Variation of the contribution from axial length and other oculometric parameters to refraction by age and ethnicity. *Invest Ophthalmol Vis Sci* 2007;48:4846-4853.
10. Joeres S, Tsong JW, Updike PG, Collins AT, Dustin L, **Walsh AC, Romano PW, Sadda SR**. Reproducibility of quantitative optical coherence tomography subanalysis in neovascular age-related macular degeneration. *Invest Ophthalmol Vis Sci* 2007;48:4300-4307.
11. Khurana RN, Li Y, Tang ML, Lai MM, **Huang D**. High-speed optical coherence tomography of corneal opacities. *Ophthalmology* 2007;114:1278-1285.
12. Khurana RN, Tran VT, **Rao NA**. Metastatic cutaneous melanoma involving the retina and vitreous. *Arch Ophthalmol* 2007;125:1296-1297.
13. Li G, **O'Hearn T, Yiu S, Francis BA**. Amniotic membrane transplantation for intraoperative conjunctival repair during trabeculectomy with mitomycin C. *J Glaucoma* 2007;16:521-526.
14. Lin MY, Kochounian H, Moore RE, **Lee TD, Rao N, Fong HKW**. Deposition of exon-skipping splice isoform of human retinal G protein-coupled receptor from retinal pigment epithelium into Bruch's membrane. *Mol Vis* 2007;13:1203-1214.
15. **Memarzadeh F, Tang M, Li Y, Chopra V, Francis BA, Huang D**. Optical coherence tomography assessment of angle anatomy changes after cataract surgery. *Am J Ophthalmol* 2007;144:464-465.
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  26. **Varma** R, Macias GL, Torres M, Klein R, Pena FY, **Azen** SP. Biologic risk factors associated with diabetic retinopathy - The Los Angeles Latino eye study. *Ophthalmology* 2007;114:1332-1340.
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## NIH Announcements

### CSR to Abolish Application Deadlines for Chartered Reviewers

Appointed members of all chartered CSR study sections soon may be able to submit—at any time—their R01, R03, R21, R34 and R15 applications intended for the standing due dates (not special dates for RFAs and PARs). Such applications would be guaranteed a review within 90 days of receipt and would be referred to the appropriate NIH Institute Advisory Council for the next possible round. In most cases, the reviews will be conducted by Special Emphasis Panels.

Click link for details:

<http://cms.csr.nih.gov/NR/rdonlyres/8E310A92-FA88-400C-8D3F-8553810A2A5C/14230/PRNSept2007FINALWeb3.pdf>

### Making Mentoring Mandatory

From now on, researchers hoping for one of the 11,000 grants funded each year will have to document the mentoring they provide their postdocs. Given the requirements of the NSF grant process and today's tight funding, it is possible that lab chiefs desperate for an edge in the grants competition could turn postdoc services into a new arena in which to try to outshine rivals. But the National Institutes of Health (NIH) in Bethesda, Maryland, with more than 50,000 funded investigators, takes a much less transparent approach. The NIH mission, states the [agency's Web site](#), can "only be accomplished if the NIH also provides support for the training of the next generation of scientists."

Click link for details:

[http://sciencecareers.sciencemag.org/career\\_development/previous\\_issues/articles/2007\\_10\\_05/caredit\\_a0700140](http://sciencecareers.sciencemag.org/career_development/previous_issues/articles/2007_10_05/caredit_a0700140)

### Findings of Misconduct in Science

*Hiwot A. Woreta, Duke University Medical Center.* Based on the report of an inquiry into admitted fabrication of data conducted by the Duke University Medical Center (DUMC) and additional analysis conducted by ORI in its oversight review, the U.S. Public Health Service (PHS) found that Hiwot A. Woreta, former medical student, DUMC, engaged in research misconduct while supported by National Institute of Diabetes and Digestive and Kidney

Diseases (NIDDK), National Institutes of Health (NIH), grant P30 DK034987.

Click link for details:

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-07-091.html>

*Jon Sudb[oslash], D.D.S., Norwegian Radium Hospital:*

Based on the findings of an investigation conducted by the Investigation Commission appointed by Norwegian Radium Hospital (NRH) and the University of Oslo, the respondent's own admission, and additional analysis and information obtained by the Office of Research Integrity (ORI) during its oversight review, the U.S. Public Health Service (PHS) found that Jon Sudb[oslash], D.D.S., former doctoral student and faculty member, University of Oslo, and former physician in the Department of Medical Oncology and Radiotherapy, NRH, engaged in scientific misconduct by reporting fabricated and/or falsified research in grant application 1 P01 CA106451-01 submitted to the National Cancer Institute (NCI), National Institutes of Health (NIH), and its first-year progress report.

Click link for details:

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-08-006.html>

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