

October 25, 2012

Understanding and Complying

The NIH Public Access Policy

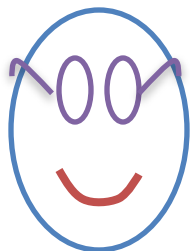


The Law says...

The **NIH Public Access Policy** requires that all investigators funded by the NIH, submit or have submitted for them to the National Library of Medicine's PubMed Central (**PMC**), an electronic version of their final, peer-reviewed manuscripts upon acceptance for publication, to be made publicly available no later than 12 months after the official date of publication.

Division G, Title II, Section 218, PL 110-161
(Consolidated Appropriations Act, 2008)

In a nutshell...



If your hard work



appears here



that same article
must also somehow
get here too

PubMed Central (PMC)?

The logo for PubMed.gov, featuring the text "PubMed.gov" in a blue, sans-serif font. The "M" in "PubMed" is stylized with a white outline and a blue fill, and the ".gov" is in a smaller font size.

U.S. National Library of Medicine
National Institutes of Health

Citation database

Citations assigned a **PMID**

Over **22 million** citations from journals indexed by PubMed



**PubMed
Central**

Repository of **full-text** biomedical works from books and journals

Works assigned a **PMCID**

Over **2.5 million** full-text works

PMID is NOT PMCID

Display Settings: [v]

Text
Full Text
FREE

FREE Author Manuscript
in PubMed Central

Cancer Res. 2009 Jul 15;69(14):5673-80. Epub 2009 Jun 23.

Overexpression of DPAGT1 leads to aberrant N-glycosylation of E-cadherin and cellular discohesion in oral cancer.

Nita-Lazar M, Noonan V, Rebustini J, Walker J, Menko AS, Kukuruzinska MA.

Department of Molecular and Cell Biology, Boston University Medical Center, Boston, Massachusetts 02118, USA.

Abstract

Cancer cells are frequently characterized by aberrant increases in protein N-glycosylation and by disruption of E-cadherin-mediated adherens junctions. The relationship between altered N-glycosylation and loss of E-cadherin adhesion in cancer, however, remains unclear. Previously, we reported that complex N-glycans on the extracellular domains of E-cadherin inhibited the formation of mature adherens junctions. Here, we examined whether dysregulated N-glycosylation was one of the underlying causes for cellular discohesion in oral cancer. We show that dense cultures of human salivary epidermoid carcinoma A253 cells exhibited elevated expression of DPAGT1, the gene that initiates protein N-glycosylation. Overexpression of DPAGT1 correlated with the production of E-cadherin-bearing complex N-glycans in nascent adherens junctions. Partial inhibition of DPAGT1 with small interfering RNA reduced the complex N-glycans of E-cadherin and increased the abundance of alpha-catenin and stabilizing proteins in adherens junctions. This was associated with the assembly of functional tight junctions. The inverse relationship between DPAGT1 expression and intercellular adhesion was a feature of oral squamous cell carcinoma. Oral squamous cell carcinomas displayed overexpression of DPAGT1 that correlated with diminished localization of E-cadherin and alpha-catenin at the sites of adherens junctions. Our studies show for the first time that DPAGT1 is an upstream regulator of E-cadherin N-glycosylation status and adherens junction composition and suggest that dysregulation of DPAGT1 causes disturbances in intercellular adhesion in oral cancer.

Related citations

- Hypoglycosylated E-cadherin promotes the as: [Exp Cell Res. 2010]
- N-glycosylation gene DPAGT1 is a target of the Wnt/ [J Biol Chem. 2010]
- N-glycosylation affects the adhesive function of E-C [J Cell Biochem. 2008]
- Slit-2 facilitates interaction of P-cadherin with F [Carcinogenesis. 2011]
- Inhibition of Akt activity induces the mesen: [J Exp Clin Cancer Res. 2009]

See reviews...
See all...

Cited by 4 PubMed Central articles

- N-glycosylation gene DPAGT1 is a target of the Wnt/ [J Biol Chem. 2010]
- N-glycosylation status of E-cadherin controls [Cell Health Cytoskelet. 2009]
- Hypoglycosylated E-cadherin promotes the as: [Exp Cell Res. 2010]

See all...

PMID: 1954990

[PubMed - indexed for MEDLINE]

PMCID: PMC277119

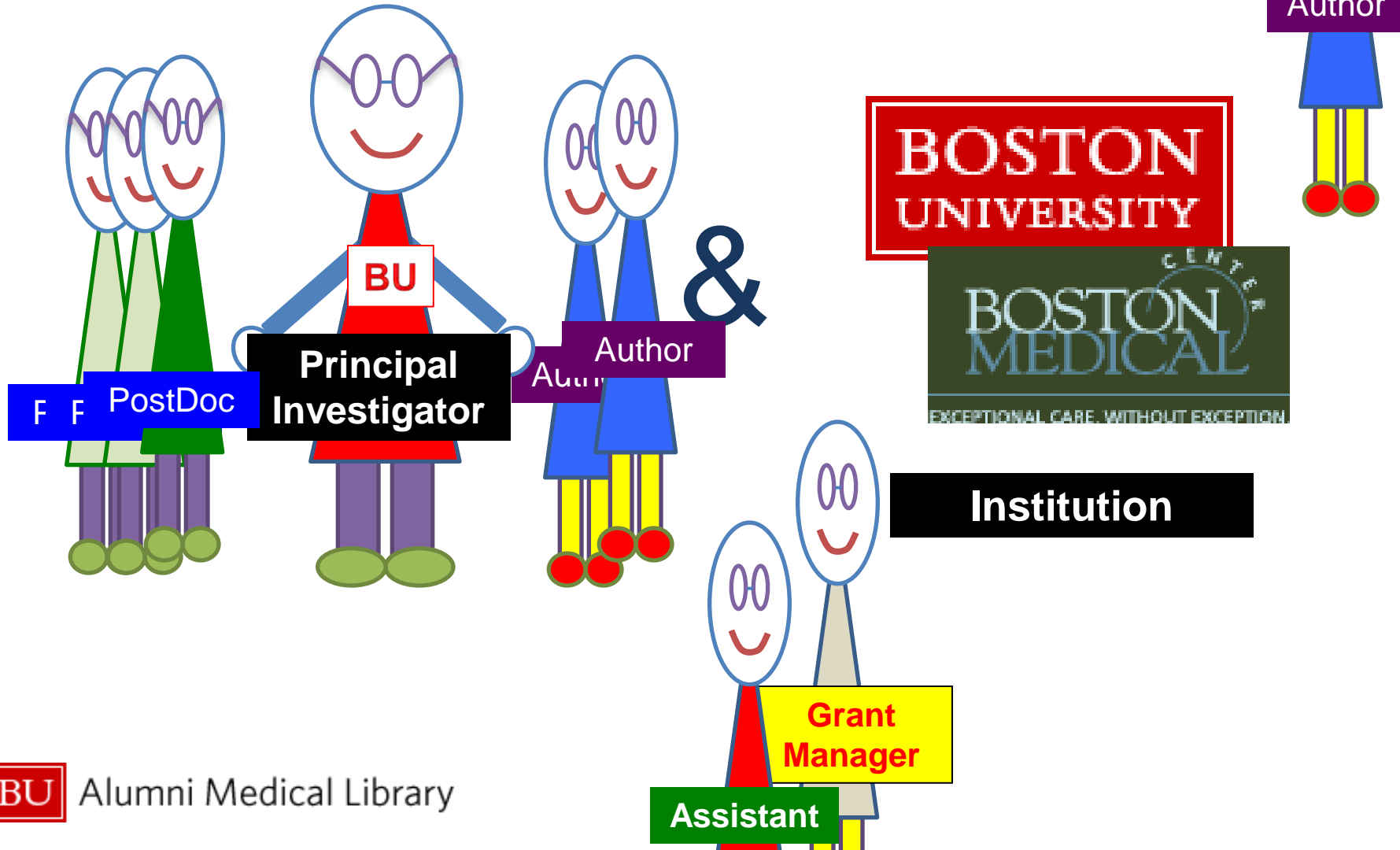
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[-] Publication Types, MeSH Terms, Substances, Grant Support

Publication Types
Research Support, N.I.H., Extramural

Who's responsible?



NIH Policy has two parts:

1. Manuscript *Submission*
2. Manuscript *Citation*

How to comply?

Part I

Manuscript *Submission*

How to Submit? → 4 methods



National Institutes of Health Public Access

The Public Access Policy ensures that the public has access to the published results of NIH funded research to help advance science and improve human health.

- Home
- 1. Determine Applicability
- 2. Address Copyright
- 3. How do I submit my paper to PMC?
- 4. Include PMCID in Citations
- Identify Submission Method
- Policy Details
- Training/Communications
- Glossary/FAQs
- For Sponsored Programs
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Submission Methods

There are four methods to ensure that an [applicable paper](#) is submitted to PubMed Central (PMC) in compliance with the NIH Public Access Policy. Authors may use whichever method is most appropriate for them and consistent with their publishing agreement. Click on the method in the table for details. Use the box on the left to help determine which submission method to use for your journal.

Overview of Submission Methods

	Method A	Method B	Method C	Method D
	Journal deposits final published articles in PubMed Central without author involvement	Author asks publisher to deposit specific final published article in PMC	Author deposits final peer-reviewed manuscript in PMC via the NIHMS	Author completes submission of final peer-reviewed manuscript deposited by publisher in the NIHMS
Version of Paper Submitted	Final Published Article	Final Published Article	Final Peer-Reviewed Manuscript	Final Peer-Reviewed Manuscript
Task 1: Who starts the deposit process?	Publisher	Publisher	Author or designee, via NIHMS	Publisher
Task 2: Who approves paper for processing?	Publisher	Publisher	Author, via NIHMS	Author, via NIHMS
Task 3: Who approves paper for Pub Med Central display?	Publisher	Publisher	Author, via NIHMS	Author, via NIHMS
Participating journal/publisher	Method A Journals	Make arrangements with these publishers	Check publishing agreement	Make arrangements with these publishers



Differences are...

Who does it?

Publisher
OR
You

What to PMC?

Article
OR
Manuscript

Contract

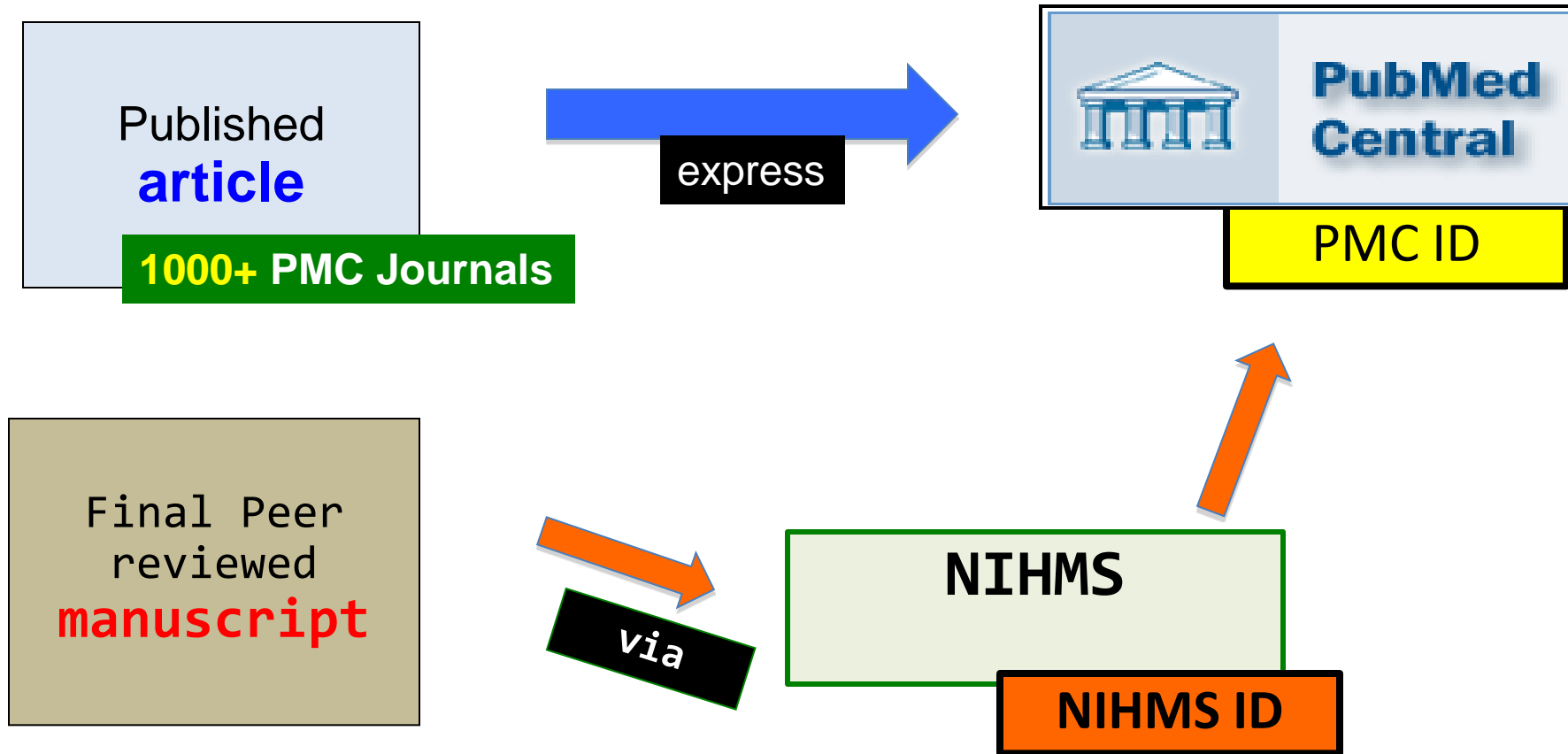
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These tend to be decided
by publishers.

Be aware of
addendum



What to PMC & How to PMC



What?! NIHMS?!

NIH Public Access Log in

NIH Manuscript Submission System

[News & Updates](#) [Statistics](#) [Grant Lookup Tool](#)

The NIH Manuscript Submission system allows you to submit an electronic version of your peer-reviewed final manuscript for inclusion in [PubMed Central](#).

News & Updates

Sign up with the [NIHMS News list](#) to get email notification of significant updates with the system.

NIHMS (NIH Manuscript Submission) system is currently accepting submissions from:

- **eRA Commons** (for NIH Extramural principal investigators, grantees or applicants)
- **NIH Login** (for Intramural NIH scientists and staff)
- **HHMI Login** (for HHMI-funded investigators)
- **My NCBI** (for third party submitters)
- **Publishers** that have registered for an NIHMS Publisher Login account

Log In
Proceed to the NIHMS system if you are ready to submit a manuscript.

Grant Lookup Tool

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NIH Manuscript Submission System

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NIH Manuscript Submission System [My Manuscripts](#) [Preferences](#)

Manuscript List for Young-Joo Lee

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[Attention \(0\)](#) [Optional \(0\)](#) [In process \(2\)](#) [Stalled \(0\)](#) [Completed \(0\)](#) [Published \(0\)](#)

2 manuscripts in the submission process

#	Title	Status
402103	Dental treatment improves self-rated oral health in homeless veterans--a brief communication.	Generation of manuscript web version is started
222648	Adverse Events Associated with Testosterone Administration.	Web version of manuscript is being prepared

Must Tell about **Embargo!**

Back to Method A, B, C, D:

Method A	Method B	Method C	Method D
PMC Journal	\$\$\$		
Published Article	Published Article	Peer-reviewed Manuscript	Peer-reviewed Manuscript
<i>Publisher</i> starts process	<i>Publisher</i> starts process	<i>Someone</i> starts process to NIHMS	<i>Publisher</i> starts process to NIHMS
<i>Publisher</i> approves files	<i>Publisher</i> approves files	<i>Author</i> approves uploaded files	<i>Author</i> approves uploaded files
<i>Publisher</i> approves web format	<i>Publisher</i> approves web format	<i>Author</i> approves web format to PMC	<i>Author</i> approves web format to PMC

NIHMS will email you.



Remember, Contract checkbox

Don't forget to check the box.



FUNDING

No funding was received for the research reported in the article

The research reported in the article was funded by the US National Institutes of Health
Note that for NIH employee-authors, the Publisher and NIH have agreed the form of a “Cover Sheet” which is also available on www.elsevier.com and which is incorporated here by reference.

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From: "nihms-help@ncbi.nlm.nih.gov" <nihms-help@ncbi.nlm.nih.gov>
Date: June 20, 2010 10:41:59 PM EDT
To: "[REDACTED]"
Subject: [nihms] NIHMS204868: Approve Submission of Manuscript

Article Title [REDACTED] NIHMS204868, Publ.ID: BCP10556)
[NOTICE: This is an automated message from the NIHMS System. To contact the NIHMS Staff, please contact us through our website at: <http://www.nihms.nih.gov/db/sub.cgi?page=email&mid=204868>]

Dear Shaoguang Li,

Author support, Elsevier has submitted the following manuscript for publication. For more information, please see the NIHMS System Policy <<http://publicaccess.nih.gov/policy.htm>>. Journal name: [REDACTED]. The manuscript ID for this article is NIHMS204868. **supported by NIH and/or HHMI funding so the full text of this manuscript is available in PubMed Central.** Please note that this must be done in the NIHMS System when you approve the manuscript text.

There are three steps:

1. **Access the System - Please click on the following URL to access the NIHMS System:**

<http://www.nihms.nih.gov/db/sub.cgi?ticket=c69a4acda4b23bab7064e2705bbaf33b9432f41b>

NOTE: If the above link is broken, please copy and paste the entire URL into your browser. ****You must follow this link to find your manuscript.****

This link is a "ticket" that allows our system to match the manuscript with your login session.

Ticket Number: c69a4acda4b23bab7064e2705bbaf33b9432f41b

2. **Log in to the NIHMS System** - If you need assistance with this step, the following step-by-step guides will show you how to log into the system:

Extramural Researchers - <http://www.nihms.nih.gov/help/ERA-LOG/ERA-LOG-1.html>

Intramural Researchers - <http://www.nihms.nih.gov/help/NIH-LOG/NIH-LOG-1.html>

3. **Review "PDF Receipt" and click "Approve" button. If you can provide more appropriate person to curate this manuscript submission, please click corresponding button and follow the instruction.**

Please let us know if you have questions.
Sincerely, NIHMS System Help Desk, NCBI

**Please Do Not Ignore
Emails from NIHMS.**



YJ

Not always checkbox

Depositing Manuscripts in NIH Repository

We would permit an **author** to submit **un-copypedited** manuscripts to PMC...

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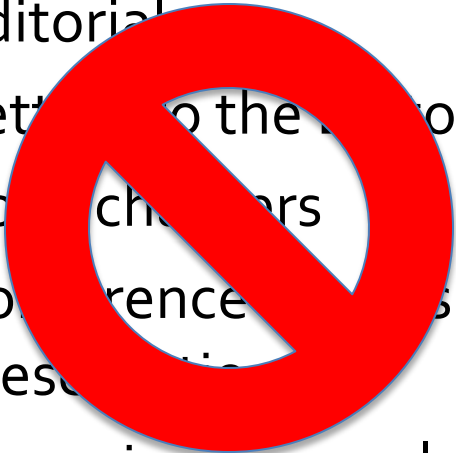
The policy **ONLY** applies to...

YES

Peer Reviewed
Journal **Article**

NO

Editorial
Letter to the Editor
Book chapters
Conference presentations and/or
presentations
Magazine or popular press
articles



How to comply?

Part II

Manuscript *Citation*

PI needs PMID

Citations noted in NIH applications, proposals and progress reports must include PMCID (PubMed Central Reference Number)

Reminder Concerning Grantee Compliance with Public Access Policy and

Related NIH Monitoring Activities (NOT-OD-08-119):

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-08-119.html>

An email you want to avoid

Dear Principal Investigator,

Your recent progress report submission identified papers that have resulted from your NIH award. It appears that the following papers have not yet been submitted for upload to PubMed Central and may be out of compliance with the NIH Public Access Policy.

Compliance starts ***BEFORE***
publication.


The full text should be publicly available no later than
12 months after the publication.

But, submittal to PMC should be made upon ***ACCEPTANCE*** of
publications.

If your manuscript is accepted today (October 2012) to be
published in October 2013 ...

Citation example:

Nita-Lazar M, Noonan V, Rebutini I, Walker J, Menko AS, Kukuruzinska MA. Overexpression of DPAGT1 leads to aberrant N-glycosylation of E-cadherin and cellular discohesion in oral cancer. *Cancer Res* 2009; 69 (14): 5673-5680. **PMCID: PMC243493**



NIHMS 118407

**For 90
Days**

If Method A
journals



"PMC Journal - In
Process"

Useful Tools

NIH Public Access Policy:

<http://publicaccess.nih.gov/index.htm>

Sherpa-Romeo:

<http://www.sherpa.ac.uk/romeo/>

PMID PMCID Converter:

<http://www.ncbi.nlm.nih.gov/sites/pmctopmid>

AML:

http://medlib.bu.edu/faculty/nih_policy.cfm



That's all good, but...

What do I do with
OLD NON-Compliant
articles?

There are so
many of them...

You

You

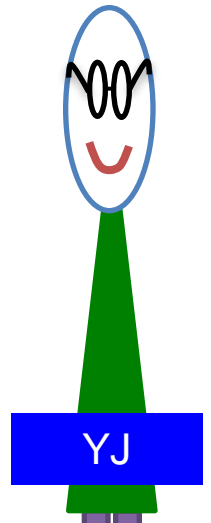
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Location of [journal policies](#)

[My NCBI](#), [My Bibliography](#) & [eRA Commons](#)
hands-on training

Assistance with documentation of compliance
([Biosketch](#))

Use of [Tools](#)



Crystal Clear?

The **NIH Public Access Policy** requires that all investigators funded by the NIH, submit or have submitted for them to the National Library of Medicine's PubMed Central (**PMC**), an electronic version of their final, peer-reviewed manuscripts upon acceptance for publication, to be made publicly available no later than 12 months after the official date of publication.

Division G, Title II, Section 218, PL 110-161
(Consolidated Appropriations Act, 2008)

QUIZ TIME

When is Compliance Required?

The Policy applies to any work that is accepted for publication in a journal on or after **April 7, 2008**

<http://publicaccess.nih.gov/FAQ.htm>

Let's say **2%** of PI's salary is funded by a **NIH** grant, then..

- Any papers originated from the grant (which pays 2% of salary) is subject to the Policy.
- All other research (98% of PI's salary is funded) is **NOT**.

Contact me for
Qs on NIH Public
Access Policy

Kathryn Mellouk
Executive Director
Research Integrity &
Assurance
kateski@bu.edu

NIHMS ID is effective for..

90 days

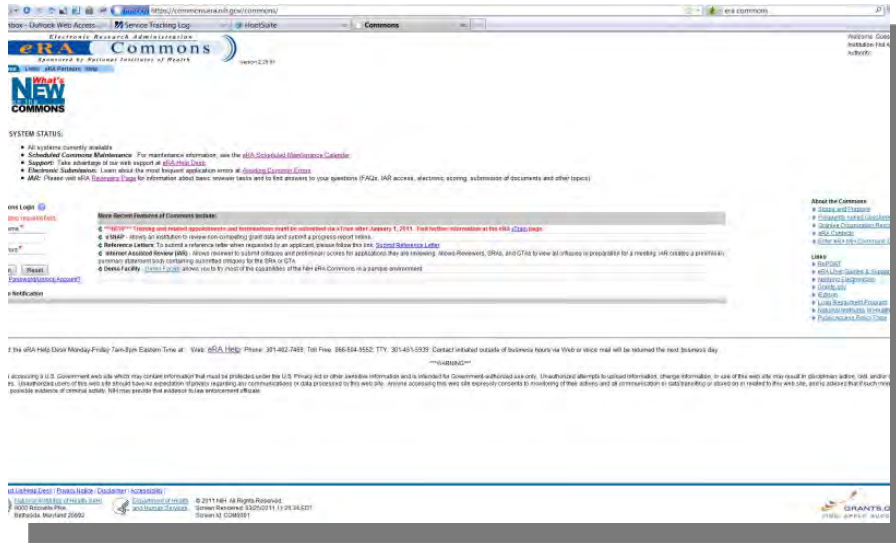
Sneak Preview

NIH PAP Workshop

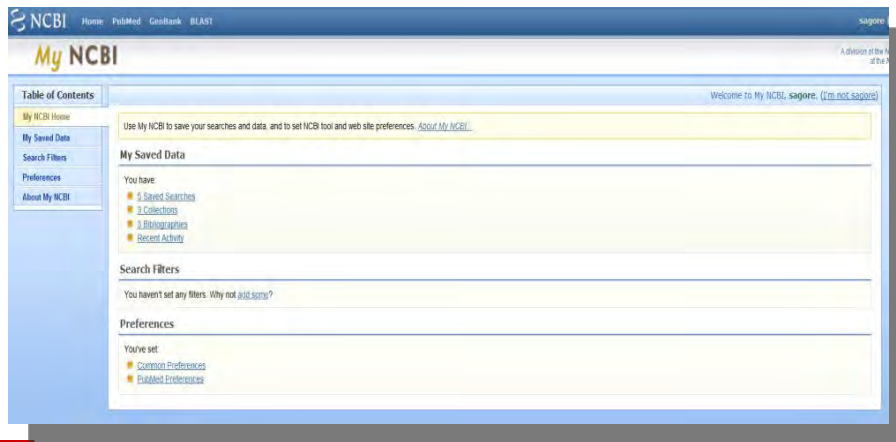
December 19

**CRR0 Clinical Research
Seminar**

Methods of Citation Mgmt:



eRA Commons
Used by **PI**



My NCBI
Used by **Delegate**
(also by **PI**)

If you're a PI

The screenshot shows the eRA Commons website interface. At the top, the URL is <https://commons.era.nih.gov:443/commons/profile/createPublication.do>. The user is logged in as RWESTERVELT from HARVARD UNIVERSITY. The main navigation bar includes links for Home, Admin, Institution Profile, Personal Profile (selected), Status, eSNAP, xTrain, Links, eRA Partners, and Help. Below this, there are sub-links for Personal Information, Race/Ethnicity, Employments, Reviewer Specific, Residential Address, Degrees/Residency, Publications (selected), Reference Letters, and Trainee-Specific.

List of Publications

Notes & Tips:

- All of your peer-reviewed journal papers that are accepted for publication as of 04/07/08, and supported by NIH awards active in FY2008 and beyond must include [evidence compliance](#) with the [NIH Public Access Policy](#).
- Use the [NIH Manuscript Submission \(NIHMS\) System](#) to upload manuscripts or associate papers with your award. You will be automatically logged into the NIHMS with your NIH eRA Commons user ID, and your manuscripts will appear below.
- If an NIHMSID is listed as invalid, more than three months have passed since the paper was published. The manuscript and its associated award will not be in compliance with the NIH Public Access Policy until the submission is complete, and a PMCID is available.
- By July 2010 users will not have the ability to add citations in Commons via this screen. Beginning in October 2010, users will no longer be able to see citations that have not yet been moved to the [MyNCBI system](#).



A publication has been added successfully.

Publications 1- 2 out of 2 records Prev 1 Next

Valid NIHMSID	Citation Source	Citation ID	Citation Text	Grant-Paper Association		
				Grant #	Status	Acti
	PD/PI Entered		Thomas Hunt, David Issadore, K.A. Brown, Hakho Lee, and R.M. Westervelt, "Integrated Circuit / Microfluidic Chips for Dielectric Manipulation" Chapter 11 in the book Lab on a Chip Technology: Biomolecular Separation and Analysis, Keith E. Herold and Avraham Rasooly, Eds. (Caister Academic Press, 2009).			Edit Delete
	PD/PI Entered		Thomas Hunt, David Issadore and Robert M. Westervelt, "Integrated circuit / microfluidic chip for programmable cell and droplet manipulation with dielectrophoresis," Lab Chip 7, 81-87 (2008).			Edit Delete




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Display Settings: Award view, Sort by public access compliance, group by citation type

Select: [All](#), [None](#) 0 items selected

My Bibliography: Award View 


PI's name will be here if in a delegate's account

Journal Articles


- Naeser MA, Martin PI, Treglia E, Ho M, Kaplan E, Bashir S, Hamilton R, Coslett HB, Pascual-Leone A. [Research with rTMS in the treatment of aphasia.](#) Restor Neurol Neurosci. 2010;28(4):511-29. Review. PubMed [PMID: 20714075](#).
Public Access Compliance: [Edit Status](#)
NIH Funding: No funding has been associated with this citation.
- Mattison ML, Afonso KA, Ngo LH, Mukamal KJ. [Preventing potentially inappropriate medication use in hospitalized older patients with a computerized provider order entry warning system.](#) Arch Intern Med. 2010 Aug 9;170(15):1331-6. PubMed [PMID: 20696957](#).
Public Access Compliance: [Edit Status](#)
NIH Funding: No funding has been associated with this citation.
- Fontana RJ, Dienstag JL, Bonkovsky HL, Sterling RK, Naishadham D, Goodman ZD, Lok AS, Wright EC, Su GL; HALT-C Trial Group. [Serum fibrosis markers are associated with liver disease progression in non-responder patients with chronic hepatitis C.](#) Gut. 2010 Oct;59(10):1401-9. Epub 2010 Jul 30. PubMed [PMID: 20675691](#).
Public Access Compliance: [Edit Status](#)
NIH Funding: No funding has been associated with this citation.

Compliance Status:


- A red dot indicates that an article is **non-compliant**.

 Public Access Compliance: Non-compliant. [Citation not in NIHMS or PMC](#)
[NIH Funding](#): No funding has been associated with this citation.


- A yellow dot means that the citation has been submitted to the NIH Manuscript Submission system and is considered **in process**.

 Public Access Compliance: PMC Journal – In Process
[NIH Funding](#): No funding has been associated with this citation.


- A green dot indicates that the citation is **compliant** with the NIH Public Access Policy. Note that the PMCID number displays in this status.

 Public Access Compliance: Complete. PMCID: [PMC2632597](#)
[NIH Funding](#): No funding has been associated with this citation.

- Articles that were accepted for publication prior to April 7, 2008 are not covered by the NIH Public Access Policy. These citations will be marked as N/A for **Not Applicable** (this status is also automatically applied to citation types that are not journal articles, e.g., book chapters, patents, presentations).

 Public Access Compliance: Not applicable
[NIH Funding](#): No funding has been associated with this citation.

- A question mark indicates that compliance with the NIH Public Access Policy cannot be determined without additional information. Click on the question mark icon or the "Edit Status" link to enter supporting information for the citation.

 Public Access Compliance: [Edit Status](#)
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Response to NIH

ng has been associated with this citation.

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ek K, Francisco L, Bronson R, Benham R, Sletten T, Sharpe T, Freeman G, Toney D. [Intestinal tolerance is conve](#)
1 ligand blockade. J Immunol. 2009 Feb 15;182(4):2102-12. PubMed PMID: 19201863.

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ng has been associated with this citation.

1. NIH Funding: Yes ([edit](#))

2. Choose Your Awards That Funded This Citation ([edit](#))

3. Public Access Compliance

The NIH Public Access Policy requires scientists to submit final, peer-reviewed journal manuscripts that arise from NIH funds to the digital archive PubMed Central upon acceptance for publication. (See [Determine Applicability](#) for full details.) Please submit the final manuscript sent to your publisher or indicate that this publication is exempt from the policy.

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Begin submission in the NIHMS.

This citation has been submitted. NIHMS ID: [263733](#)

Arrangements have been made for a [publisher on this list](#) to send the final article directly to PubMed Central.

This citation does not need to be submitted under NIH Public Access because:

- Publication was not peer reviewed.
- Publication was accepted for publication before April 7, 2008.
- Publication was written in a script other than Latin (e.g., Russian, Japanese).
- Publication was not [directly supported by](#) NIH.

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Lori's Tracking System

Article	Journal	Pub Year	Vol/Issue/Pg	PMCID assigned	PMCID #/NA Reason	Jet
A computer adaptive disability instrument for lower extremity	<u>Journal of Clinical Epidemiology</u>	2009	62 (8): 779-780	Yes	PMC3328293	x
A functional difficulty and functional pain instrument for	<u>Arthritis Research & Therapy</u>	2009	11(4), R107	Yes	PMC2745788	x
A longitudinal comparison of five preference-weighted	<u>Medical Decision Making</u>	2010	31(2):270-80	Pending	FU w Christine re: NIHMS direct	x
A multidimensional computer adaptive test approach to	<u>Archives of Physical Medicine and Rehabilitation</u>	2011	92: 1561-1569	Pending	M. Lewis @ Archives will	x
A telerehabilitation intervention for persons with	<u>American Journal Physical Medicine & Rehabilitation</u>	2011	90(9):756-64	NA	US Govt PHS; CDC (HHS, but	x
Achieving meaningful measurements of ICF	<u>Disability and Rehabilitation</u>	2008	30(12-13): 963-969	NA	US Govt Non PHS; NIDRR, US	x
Adverse events associated with testosterone	<u>New England Journal of Medicine</u>	2010	363 (2): 109-122	Yes	PMC3440621	x
Adverse events reported in progressive resistance	<u>Archives of Physical Medicine and Rehabilitation</u>	2010	91(9):1471-3	NA	US Govt Non PHS; NIDRR, US	
An Examination of Healthy Aging across a Conceptual	<u>Journal of Gerontology: Medical Sciences</u>	2012	Jun; 67(7):783-9	Pending	Per A. Paskins, OUP will deposit if	x
An exploratory analysis of	<u>Archives of Physical</u>	2008	89(6). 1046-	Yes	PMC2677141	



Until then...

Young-Joo Lee

ylee13@bu.edu

617-638-9183

Reference Desk

Refquest@bu.edu

617-638-4228



Thank you!

Special thanks to:

Tasha Watson

Data Coordinating Center

**Lori Goehring, Ken Rask & Cynthia
Korhonen, SPH**

Credit:

Cathy Sarli

Washington University Medical School

Sally Gore

U Mass Worcester Medical School

P. Scott Lapinski

Harvard Medical School

