October 25, 2012

Understanding and Complying

The NIH Public Access Policy
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...

that same article must also somehow get here too
PubMed Central (PMC)?

Citation database
Citations assigned a PMID
Over 22 million citations from journals indexed by PubMed

Repository of full-text biomedical works from books and journals
Works assigned a PMCID
Over 2.5 million full-text works
Overexpression of DPAGT1 leads to aberrant N-glycosylation of E-cadherin and cellular discohesion in oral cancer.

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 alphacatenin 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.
Who’s responsible?

Institution

Grant Manager

Author

Principal Investigator

PostDoc

Author

Assistant

BOSTON UNIVERSITY

BOSTON MEDICAL

BU Alumni Medical Library

Grant Manager
NIH Policy has two parts:

1. Manuscript *Submission*

2. Manuscript *Citation*
How to comply?

Part I
Manuscript Submission
How to Submit? ➔ 4 methods

http://publicaccess.nih.gov/submit_process.htm

**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**

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>Method A</strong></td>
<td>Journal deposits final published articles in PubMed Central without author involvement</td>
</tr>
<tr>
<td><strong>Method B</strong></td>
<td>Author asks publisher to deposit specific final published article in PMC</td>
</tr>
<tr>
<td><strong>Method C</strong></td>
<td>Author deposits final peer-reviewed manuscript in PMC via the NIHMS</td>
</tr>
<tr>
<td><strong>Method D</strong></td>
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<th>Method C</th>
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</table>
Differences are...

Who does it?

Publisher
OR
You

What to PMC?

Article
OR
Manuscript

These tend to be decided by publishers.

Contract via

Be aware of addendum
What to PMC & How to PMC

- Published article
  - 1000+ PMC Journals

- Final Peer reviewed manuscript

- NIHMS
  - NIHMS ID

- PMC ID

Express via PubMed Central

Alumni Medical Library
What?! NIHMS?!

http://www.nihms.nih.gov/
NIH Manuscript Submission System

Manuscript List for Young-Joo Lee

Start Here  Submit New Manuscript

Attention (0)  Optional (0)  In process (2)  Stalled (0)  Completed (0)  Published (0)

2 manuscripts in the submission process

<table>
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<tr>
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<tbody>
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<td>402103</td>
<td>Dental treatment improves self-rated oral health in homeless veterans--a brief communication.</td>
<td>Generation of manuscript web version is started</td>
</tr>
<tr>
<td>222648</td>
<td>Adverse Events Associated with Testosterone Administration.</td>
<td>Web version of manuscript is being prepared</td>
</tr>
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</table>

Must Tell about Embargo!
## Back to Method A, B, C, D:

<table>
<thead>
<tr>
<th>Method A</th>
<th>Method B</th>
<th>Method C</th>
<th>Method D</th>
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<td><strong>Publisher</strong> approves web format</td>
<td><strong>NIHMS will email you.</strong></td>
<td><strong>NIHMS will email you.</strong></td>
</tr>
</tbody>
</table>
Remember, Contract checkbox

Don’t forget to check the box.

- FINDING
  - 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.
Remember!

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

[Article Title] NIHMS204868, (Pub 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/nih.cgi?page=email&mid=204868]

Dear Shaoguang Li,

Author support. Elsevier has submitted the following manuscript for publication:

Policy:<http://publicaccess.nih.gov/policy.htm> Journal name: 

The manuscript ID for this article is NIHMS204868 supported by NIH and/or NHLBI funding so the full text of this manuscript Central. Please note that this must be done in the NIHMS System even if you have 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/sib.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:

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, NCBII

Please Do Not Ignore Emails from NIHMS.
We would permit an author to submit un-copyedited manuscripts to PMC...
The policy ONLY applies to...

**YES**

Peer Reviewed Journal Article

**NO**

Editorials, Letters to the Editor, Book chapters, Conference reports and/or presentations, Magazine or popular press articles
How to comply?

Part II

Manuscript *Citation*
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):
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 \textbf{BEFORE} publication.

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

But, submittal to PMC should be made upon \textit{ACCEPTANCE} of publications.

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

**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:

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...
Please contact us:

Location of journal policies
My NCBI, My Bibliography & eRA Commons
hands-on training
Assistance with documentation of compliance
(Biosketch)
Use of Tools
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
CRRO 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

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 of compliance with the NIH Public Access Policy.
- Use the NIH Manuscript Submission (NHMS) System to upload manuscripts or associate papers with your award. You will be automatically logged into the NHMS with your NIH eRA Commons user ID, and your manuscripts will appear below.
- If an NHMSID 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.
My NCBI linked

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

Journal Articles


Compliance Status:

- A red dot indicates that an article is **non-compliant**.
  
  ![Red Dot]
  
  **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**.
  
  ![Yellow Dot]
  
  **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.
  
  ![Green Dot]
  
  **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).
  
  ![N/A]
  
  **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.
  
  ![Question Mark]
  
  **Public Access Compliance**: *Edit Status*
  
  **NIH Funding**: No funding has been associated with this citation.
Response to NIH

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.

This citation has been submitted to NIHMS and is being processed. If this has changed, please make a new selection below.

- 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.

Save & Close  Cancel
## Lori’s Tracking System

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<th>Article</th>
<th>Journal</th>
<th>Pub Year</th>
<th>Vol/Issue/Page</th>
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<th>PMCID #/NA Reason</th>
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<td>Journal of Clinical Epidemiology</td>
<td>2009</td>
<td>62 (8): 779-780</td>
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<td>2010</td>
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<td>2011</td>
<td>92: 1561-1569</td>
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<td>2011</td>
<td>90(9):756-64</td>
<td>NA</td>
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<td>Disability and Rehabilitation</td>
<td>2008</td>
<td>30(12-13): 963-969</td>
<td>NA</td>
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<td>2010</td>
<td>363 (2): 109-122</td>
<td>Yes</td>
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<td>Journal of Gerontology: Medical Sciences</td>
<td>2012</td>
<td>Jun; 67(7):783-9</td>
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<td>2008</td>
<td>89(6): 1046-</td>
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<td>PMC2677141</td>
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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