

# Open Science Compliance

The [Open Science Policies](#) of the American Heart Association have two components: public access and open data.

The AHA's public access policy requires that all journal articles resulting from AHA funding be made freely available in PubMed Central (PMC) and attributed to a specific AHA award within 12 months of publication. It is the responsibility of the awardee to ensure journal articles are deposited into PMC and that all necessary rights are retained in order to do so.

The AHA's open data policy requires certain applicants to include a data sharing plan with the application. Any factual data that is needed for independent verification of research results must be made freely and publicly available in an AHA-approved repository within 12 months of the end of the funding period (and any no-cost extension). Some early career programs are exempt from this policy.

Please be sure to follow the steps outlined in both sections below to ensure you are fully in compliance with the AHA's policies.

## Public Access Compliance

In order to fully comply with the AHA's Public Access Policy, you must complete all steps outlined below, even if your publisher has already loaded your article in PubMed Central for you. Before beginning, make sure you have received an email invitation to join HRA Open. If you have not received an invitation to HRA Open by the time of manuscript acceptance, send an email to [researchdata@heart.org](mailto:researchdata@heart.org). Additional information about the HRA Open platform may be found [here](#).

*Note: Existing and New HRA Open users are now encouraged to sign up/login using their ORCID credentials. For existing HRA Open users who provided ORCID information in Proposal Central, skip to Step 4. You will have your HRA Open profile mapped to your ORCID. Access the [HRA Open](#) platform and login with your ORCID credentials. Going forward, if you have completed this process for previous funding from AHA, you still need to complete Step 2 for each subsequent award. New users and/or existing HRA Open users who have not provided their ORCID in ProposalCentral, please proceed with Step 1 onward.*

### Step 1: Create an HRA Open profile

Follow the unique link in your invitation email to the HRA Open home screen.

New Users will click the "Signup with Orcid account" button, then click on the "Register now" hyperlink. Follow ORCID's onscreen instructions to create and set up a new ORCID account. After creating your ORCID account, the next screen will ask for HRA Open's authorization to access your ORCID information. Click on "Authorize access" to make the link.

Existing HRA Open Users who provided their ORCID in Proposal Central will click the "Signup with Orcid account" button, type in your ORCID credentials, click on "Sign In", then click on "Authorize access" for HRA Open. Once access is authorized, users will be taken to the HRA Open awards page. Your 16-digit ORCID ID should display underneath your account icon, located on the top right when you hover over it. Your ORCID can also be used to sign in to your [My NCBI](#) account. If you do not have an existing My NCBI account, you will be given the opportunity to create one at Step 3 below. After your initial login, you can access the platform at <https://www.hraopen.healthra.org/login>.

## Step 2: Confirm your award information and link it to your profile

To find your award in HRA Open, use the search and filter functions. You can search by award project title, award code (ID), or awardee name. Click "Link award" to review the award details page. After confirming the award information is correct, select "Confirm & link" at the bottom of the page. Repeat this process for each award, if applicable. Once awards are linked to your profile, they will display at the top of your profile page.

Note: If a link is made in error send an email to [researchdata@heart.org](mailto:researchdata@heart.org) to request the link be broken. Once made, a link can only be removed by the AHA's HRA Open administrator.

## Step 3: Sign in to My NCBI

New MyNCBI Users: Sign in to [My NCBI](#) by clicking on the ORCID option on the provided list and sign in with your ORCID credentials. Once you've successfully signed in, you will be given the option of creating a new NCBI account or linking to an existing NCBI account. If you already have an NCBI account, please *do not* create a new one. Link your existing account using the ORCID account. If you do not have an existing NCBI account, you may create one.

Existing MyNCBI Users, please follow the steps below to link:

1. Sign in directly to NCBI with your username and password.
2. Click on your username, which is located on the top right of the browser page.
3. Click "Change" in the "Linked Account" portlet.
4. Locate the ORCID option using the search bar.
5. You will be transferred to ORCID's sign in page. Enter your ORCID credentials there.

\*Existing HRA Open users who have previously linked your NCBI account with a Google account can still sign in to [My NCBI](#) with the "Sign in with Google" option, however we encourage you to link your ORCID to your My NCBI account using the steps outlined above.

## Step 4: Add citation to bibliography in My NCBI

Once your manuscript is accepted for publication, you will need to add the citation to My Bibliography. To do this, follow the "Manage my Bibliography" link on the main NCBI page. Ensure the HRA indicator is at the top of the page as pictured below.

[My NCBI](#) » [My Bibliography](#) 

There are three ways to add new citations to My Bibliography:

1. [Adding a PubMed citation](#)
2. [Adding a citation manually](#)
3. [Adding citations from a file](#)

## Step 5: Add AHA award to citation

*\*Please note that it will take 24 hours for your AHA awards to show up in My NCBI after making the link with your HRA Open account.*

To associate individual citations to awards, click the [+ Add Award](#) button and select the pertinent award ID(s) in "My awards" or "Other awards" lists. Your selections will be saved automatically.

Parsons EL, Stratton RJ, Cawood AL, Smith TR, Elia M. Oral nutritional supplements in a randomised trial are more effective than dietary advice at improving quality of life in malnourished care home residents. Clin Nutr. 2017 Feb;36(1):134-142. doi: 10.1016/j.clnu.2016.01.002. Epub 2016 Jan 11. PubMed PMID: 26847947.

**Public Access Compliance**  
Not defined [\[Edit Status\]](#)

[+ Add Award](#)

To associate AHA funding to multiple citations, select the citations you wish to associate to awards, click “Manage citations” and select “Manage awards.”

Manage citations ▾ + Add citations ▾

Manage awards ← clear all

Copy to collection

Delete citations

Export file (MEDLINE)

Compliance report (PDF)

BE, Soedjarmiko S, Rengganis I, Gu Hadinegoro SR, Yang JS, Excler JL, Sahastr NS. Six-month follow up of a randomized c adults and children: Safety and immunoge diphtheria toxoid (Vi-DT) conjugate vaccin 10.1371/journal.pone.0211784. eCollection

Munn LL, Jain RK. Mapping Physica Delivery. Clin Cancer Res. 2019 Jan 10; doi ahead of print] PubMed PMID: 30630829; N

Select the appropriate funding institution tab and choose the pertinent award ID(s) from the award list presented to you in either “My awards” or “Other awards.” Your selections will be saved automatically. To remove awards from your citations, uncheck the checkbox next to an award. Your citations will be updated immediately.

Assign Awards

Use the checkboxes to assign awards to the selected citations:

NIH Awards HRA Awards Search/Add other awards

**My awards:**

- R01 CA115767 - Role of BMDCs in Solid Tumor Growth and Relapse
- R01 CA115767 - Role of BMDCs in Solid Tumor Growth and Relapse
- R01 CA115767 - Role of BMDCs in Solid Tumor Growth and Relapse
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**Other awards:**

- R01 HL070866 - F102 and Blood Vessel Formation in Adult Lung
- K01 EB010078 - Fast in vivo CLICK chemistries for PET Imaging
- K05 AA014906 - AMINO ACID NEUROTRANSMITTER DYSREGULATION IN ALCOHOLISM
- K08 CA114176 - Imaging Lung Cancer in Mice To Improve Radiation Therapy

Note: If, in Step 4, you added a PubMed citation that is already associated with a full-text archived record in PMC, the Public Access Status for the paper should display as “Complete” and no further action will be required.

Please see the NCBI help [page](#) for more info.

## Step 6: Determine method of submission to PubMed Central

If you have completed steps 1-5, and your article has already been uploaded to PMC by your publisher, no further action is required on your part.

There are two ways a paper may be submitted to PMC: 1) direct submission by the publisher, and 2) author submission through NIH Manuscript Submission ([NIHMS](#)).

1. *Publisher Submits Directly to PMC*

A few thousand journals have agreements to deposit the final published versions of some or all of their articles directly in PMC. It is the author's responsibility to request at the time of manuscript submission that the publisher deposit the article in PMC. A list of these journals and their level of participation can be found here: [PMC Journal List](#). Authors who publish in journals that note an embargo period of more than 12 months should make special arrangements with the journal to ensure compliance with the AHA's Public Access Policy.

2. *Author/Awardee Submits Manuscript via NIHMS System*

Many journals do not have any participation agreement with PMC. In that case, the supported author or PI on the grant is responsible for ensuring that the accepted, peer-reviewed manuscript is deposited to PMC using NIHMS. Depositing a manuscript in NIHMS for inclusion in PMC is a multi-step process, requiring an author to approve the deposited files and associated funding before conversion and the PMC-ready version after conversion.

Information on the process can be found in the NIHMS [FAQ](#) and on the NIHMS [tutorial page](#).

Once you have completed Steps 1-3 the first time, it is not necessary to repeat them for subsequent manuscripts. Thereafter, you will begin at Step 4 for each accepted manuscript resulting from AHA funding. If you receive subsequent funding from the AHA, you will use your same HRA Open profile to link new AHA awards by completing Step 2 for each award.

Questions or comments may be directed to [researchdata@heart.org](mailto:researchdata@heart.org).

## Open Data Compliance

To confirm your compliance with the AHA's Open Data Policy, you will need to have an active Data Plan in the online grants management system, ProposalCentral. The plan should've been submitted with your application, reviewed by AHA staff at award activation, and then updated and maintained as necessary, throughout the award term.

### Step 1: Deposit your data into the AHA-approved repository(ies)

Once you have deposited your data into the AHA-approved repository(ies) as stipulated in your data sharing plan, you will need to report where you have deposited the data.

### Step 2: Login to ProposalCentral and submit your Data Deposit Confirmation Deliverable

Find your award and navigate to the Deliverables tab. Find the Data Deposit Confirmation Deliverable (should be toward the bottom of the list). Click on the plus sign to begin editing the form. Enter the type of data that you've deposited, the name of the repository, the date you deposited it, and the data's DOI. Repeat the process for as many data sets/repositories as is necessary. Submit the form for AHA's review.

email [researchdata@heart.org](mailto:researchdata@heart.org) if you have further questions regarding our Public Access Policy or our Open Data Policy.