

caNanoLab 2.3.4 Release Note

Welcome to the caNanoLab 2.3.4. Release Note, July 13, 2018. Topics in this Release Note include the following.

- [Fixed Bugs](#)
- [Improvements](#)
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JIRA

If you have access to the JIRA Tracking System, click a JIRA link to review additional development details.

Fixed Bugs

The following table lists and describes the bug(s) resolved in this caNanoLab release.

Description of the resolution	JIRA issue link
On the Chemical Association window, if you select small molecule on the left side drop-down, additional detail drop-downs about the small molecule appear on the left side before submission.	CANANO LAB-254
After saving a Composing Element with an apostrophe (') in the name, the apostrophe no longer changes to <code>&amp;apos;</code> or <code>&amp;amp;</code> <code>apos;</code> in the element name.	CANANO LAB-462
<p>If you generate Data Availability Metrics for a sample, the following error message no longer appears: <i>Exception working with particles data availability</i></p> <ol style="list-style-type: none">1. Search for and edit a sample.2. Update Sample opens and the Data Availability Metrics section is at the bottom. <div><div>Data Availability Metrics</div><div><div>caNanoLab Availability Score</div><div>23.0% (7 out of 30)</div></div><div><div>MINChar Availability Score</div><div>11.0% (1 out of 9)</div></div><div>Edit</div></div> <ol style="list-style-type: none">3. If there is no metrics generated for the sample, click Generate.	CANANO LAB-508
If you log in using invalid credentials, a message appears indicating that the login is invalid. You will no longer be logged in as an anonymous user.	CANANO LAB-534
If you search for a sample, click on Characterizations, add Ex Vivo, and select other_ev under Characterization Name, Assay Type has values to select.	CANANO LAB-537

Improvements

The following table lists and describes the new feature(s) in this caNanoLab release.

Description of the improvement(s)	JIRA issue link
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Added a **Cell Line** field to In Vitro Characterization, Targeting Properties. For example, search for a sample based on Characterization Type, **in vitro characterization** and Characterization, **targeting**, edit the sample, and display the Characterization. Targeting Properties, **Cell Line** is now available.

GENERAL INFO

COMPOSITION

CHARACTERIZATION

PUBLICATION

NCI

caNanoLab Wiki

NCI CBIIT Home

NCL Home

NCI Nano Alliance Home

NCI Home

Sample

Characterization Type *

in vitro characterization

Characterization Name *

targeting

Assay Type

Protocol Name - Version

Characterization Source

Characterization Date

Targeting Properties

Cell Line

Cell line added

If caNanoLab is inactive for 25 minutes, a warning appears that you will be logged off in five minutes. If you do not click OK within five minutes, you are logged off. If you click OK, you remain logged in for another 30 minutes. The warning does not appear if you are actively clicking links (not just scrolling on a page).

Streamlined the **other** feature in Characterization by adding the following **Characterization Name** options:

- Select **other** to create a new Assay Type.
- Select **other_pc**, **other_vt**, **other_vv**, and **other_ex_vv**, which is available based on Characterization type, to select an existing non-standard assay type.

To create a new Assay Type

1. Search for a sample based on Characterization Type, **Physico-chemical**, edit the sample, and display the Characterization.
2. Select the Characterization Source.
3. Select **other** from Characterization Name.

Characterization Name * other

New Characterization Name:

4. Enter a New Characterization Name, and click **Add**. The new characterization is added list.

Characterization Name * NewExampleName

Protocol Name - Version

Characterization Date

molecular weight

physical state

purity

relaxivity

shape

size

solubility

surface

other

other_pc

NewExampleName

5. Click Assay Type and create a new Assay Type.

To select an Assay Type of any existing non-standard assay type

1. Search for a sample based on Characterization Type, **Physico-chemical**, edit the sample, and display the Characterization.
2. Select **other_pc** from Characterization Name.

NAVIGATION TREE	HOME	WORKFLOW	PROTOCOLS	SAMPLES	PUBLICATIONS	GROUPS	CURATION	MY WORKSPACE	MY FAVORITES
GENERAL INFO	Sample								
COMPOSITION									
CHARACTERIZATION									
PUBLICATION									
NCI									
caNanoLab Wiki									
NCI CBIIT Home									

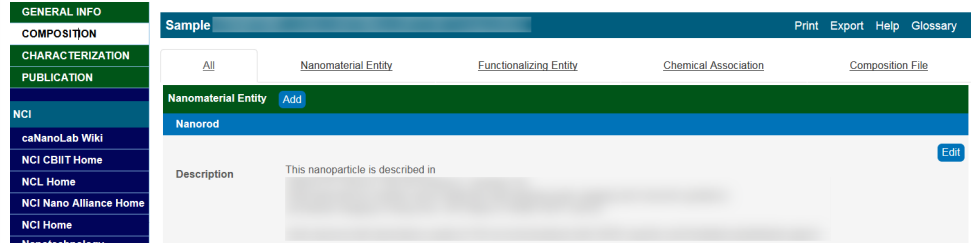
Characterization Type *	physico-chemical characterization	Characterization Name *	other_pc
Assay Type	absorbance spectrophotometry	Protocol Name - Version	
Characterization Source		Characterization Date	

3. Select an existing Assay Type.

If you include an extra line between text in the Characterizations free text, Design and Methods Description, the line separation is preserved when you save or update the characterization.

Design and Methods Description	<p>Sprague Dawley rats</p> <p>Twelve male SD rats weighing 200 +/- 20 g w PLGA-CFZ, PLGA-PEG-CFZ, and PLGA-NM at the CFZ dose of 1 mg/kg (n = 3). Blood samples were collected at time points (5, 15, 30, 45 min, 1, 2, 3, 4, 6, 8, tubes, and then centrifuged for 10 min at 600</p>
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To resolve accessibility issues, 508-Compliance improvements were made by increasing contrast on the Search, Login, Add, and Save buttons, as well as resolving Skip Navigation links.

Every caNanoLab page now renders consistently across the site taking up the entire content area to the end of the blue bar in the header.	CANAN OLAB-525
<p>The description on all Sample Composition pages now appears properly.</p> 	CANAN OLAB-526

Known Issues and Workarounds

The following table lists and describes how to work around the following remaining issues in caNanoLab.

Known Issue	Workaround	JIRA issue link
You cannot add multiple points of contact to one organization.	Add a division or department name to the organization's name and then add the contact to that organization.	CANAN OLAB-61
The Results tab is populated when a curator/administrator submits a batch job to create a data availability matrix, but the tab disappears if the curator/administrator logs out and logs in again, even if the job is still running.	None	CANAN OLAB-81
When submitting a new publication, clicking Reset does not reset the Submit Publication Form.	None	CANAN OLAB-197
You cannot sort Protocol search results by the Protocol Type and Protocol Name columns.	None	CANAN OLAB-367
You have to click the DOI external URL twice (or open the link in a new window by right-clicking) to view the external PubMed content.	None	CANAN OLAB-368
A Publication Search returns more records than is valid based on the search criteria.	None	CANAN OLAB-391

Release History

Release	Date
2.3.4	13 July 2018
2.3.3	25 January 2018
2.3.2	October 2017
2.3	April 2017
2.2	January 2017
2.1.1	February 2016
2.1	November 2015
2.0	December 2014
1.5.5	May 2013
1.5.4	August 2012
1.5.3	May 2012

1.5.2	October 2010
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