

Development Call Agenda

This is a public record of conference calls with developers of the Ontology for Biomedical Investigations. See also [2017 agenda](#), [2018 - 2021 agenda](#), [2021–2023 OBI Development Call Agenda](#), and  [OBI Development Call Agenda 2024](#)

We welcome contributions to OBI and to this document. If you would like to edit this document, please use the “Share” button to request editing permissions.

Instructions for Chairs

When it's your turn to chair, please

- add an agenda section below
- send an email to the OBI developer list, example below
- ensure that we have a chair for the following week.
- If you have a specific issue that needs to be discussed, please invite other people who have commented / originated the issue to get them engaged in the discussion.

Example email to: obi-devel@lists.sourceforge.net

Hi everyone,

I'm chairing the OBI developer call this week. I'd like to discuss _____.

If there's any time remaining, I will lead a review of open pull requests and issues.

Call details:

- Monday, noon Eastern Time, 9 AM Pacific Time, for one hour

- Zoom link:

<https://us02web.zoom.us/j/82952846229?pwd=UXkwZ3RmU1VZUEM3bDINS1RsSzNzd09>

Meeting ID: 829 5284 6229

Passcode: 535959

- Agenda

https://docs.google.com/document/d/1eEutJAG56gncTsWf2sAqHa4a9pQAuCbhsg_kmbF78tw

- OBI Pull Requests <https://github.com/obi-ontology/obi/pulls>

- OBI Issues <https://github.com/obi-ontology/obi/issues>

- Alternate OBI Issues link, sorted by 'thumbs-up':

<https://github.com/obi-ontology/obi/issues?q=is%3Aissue+is%3Aopen+sort%3Areactions-%2B1-desc>

Chairs for Upcoming Calls

2024

- Dec 2: Mark (with a clear mind, having thought about OBI for 2 weeks)
- Dec 9: Michelle
- Dec 16: Sebastian
- Dec 23: NO CALL
- Dec 30: NO CALL

2025

- Jan 6: Bjoern
- Jan 13: James
- Jan 20: NO CALL (MLK and Inauguration Day)
- Jan 27: Sebastian
- Feb 3: James – Clinical Trials
- Feb 10: Damion
- Feb 17: NO CALL (President's Day Holiday in the US)
- Feb 24: Michelle
- March 3: Mark Miller
- March 10: Sebastian
- March 17: Bjoern
- March 24: Jennifer
- March 31: Cancel for Holiday
- April 7: Sebastian
- April 14: Damion
- April 21: Mathias
- April 28: Bjoern
- May 5: Sebastian
- May 12: Jennifer
- May 19: Jennifer
- May 26: NO CALL (US Memorial Day holiday)
- June 2: Sebastian
- June 9: Bjoern
- June 16: Jennifer
- June 23: Mark

- June 30: Bjoern
- July 7: Sebastian
- July 14: Damion
- July 21: Jennifer
- July 28: Dan
- August 04: Cancel for summer
- August 11: Cancel for summer
- August 18: Cancel for summer
- August 25: Bjoern
- September 1: NO CALL (US Labor Day holiday)
- September 8: Sebastian
- September 15: Jennifer
- September 22: Jennifer
- September 29: Sebastian
- October 06: Bjoern
- October 13: NO CALL (US Indigenous Peoples Day holiday)
- October 20: Jennifer
- October 27: Sebastian (Michelle to present work so far on sequencing assays)
- November 03: Damion (Recipes 2.0)
- November 10:
- November 17:
- November 24:
- December 1:

Oct 27, 2025

Chair: Sebastian (Michelle on sequencing assays)

Apologies: Damion (grantwriting)

Agenda:

1. status of sequencing assays work
2. Randi's sequencing terms for IEDB
3. issue <https://github.com/obi-ontology/obi/issues/1881>, importing spatial terms from EFO
4. CFDE sequencing terms in issue <https://github.com/obi-ontology/obi/issues/1823>
- 5.

Oct 20, 2025

Chair: Jennifer – furloughed

Attending: Bjoern, Sebastian, Damion, Mark, James

We had a short discussion about scheduling the COB workshop, then cancelled today's call.

Oct 6, 2025

Chair: Bjoern

Attending: Mark, Sebastian, Michelle, James, Damion ½ time

Agenda:

- RO follow up; has_characteristic_value and recipe/material transform [Damion] → scheduled presentation slot:  2025 IFOW Recipe Model 2.0
- 'Cell counting' <https://github.com/obi-ontology/obi/issues/1910> [Mark]
- Sequencing assays [Michelle] (tentatively scheduled for 10/27)
- OBI to COB transition [Sebastian]
- Pull requests from Charlie (investigations) Notes below. To be continued:

Bjoern: I believe we have a clear approach for the 'has process intervention' property requested by Charlie, which does not require a shortcut:

Newly defined property1: 'has study intervention'

domain = investigation

range = 'study intervention'

sub_property of 'has_part'

Example1: clinical trial 'has study intervention' some 'Administration of substance in vivo'.

Example2: clinical trial 'has study intervention' some 'supervised weight training'.

We cannot do the same thing for 'has study intervention administered material' to directly connect the investigation and the material. Because the relationships is more indirect:

****investigation**** has_part some (study intervention AND (administration of substance in vivo has_participant some (****material entity**** X and has_role some 'administered material role'))

What is possible would be: to define a separate new property:

'has administered substance;

domain: "administration of substance in vivo"

range: "material entity" and has role some 'administered material role

sub-property of 'has participant'

Then we can say: clinical trial =has study intervention some (has administered substance' some X')

To define, for example:

'Clinical trial of aspirin'

'Clinical trial of orally administered aspirin'

'Clinical trial of intravenously administered aspirin'

'Clinical trial of

James is concerned that this approach will result in different patterns of how trials can be defined and queried for. Bjoern things that can be addressed by a template for definition with defined columns (like we have done elsewhere), where the relationships introduced here pretty much correspond to specific columns in the sheet.

To be discussed!

September 29, 2025

Chair: Sebastian

Attending: James, Jennifer, Michelle, Damion, Dan

Apologies:

Agenda:

- <https://github.com/obi-ontology/obi/pull/1907> Fixing example of usage on genotyping assay
- <https://github.com/obi-ontology/obi/pull/1908> Update 'hematology assay' to include 'hematopoietic cell' (DRAFT)
- <https://github.com/obi-ontology/obi/pull/1913> Add import scripts
- <https://github.com/obi-ontology/obi/pull/1915> Update OntoFox imports and add a script (DRAFT)
- Should I make a new release candidate?
- Strategy for final COB adoption PR

September 22, 2025

Chair: Jennifer

Attending: Bill Duncan, Sebastian, Dan, James, Michelle(only for half the mtg)

Apologies: Bjoern

Agenda:

- Question about using “has participant” relationship for non-agents and occurs. (Dan)
 - Can use “has participant” even for PI, hammer for example. (no logical restrictions).
- <https://github.com/obi-ontology/obi/pull/1895> investigation relations (Sebastian)
 - James and Dan raised concerns about how to connect these relations with the rest of OBI & make them meaningful in OWL. James will respond on the issue.
- Planned process for protocol deviations, such as an animal escaping (inadvertently skipped)

Review tickets:

1. Request for four devices <https://github.com/obi-ontology/obi/issues/1912>; ready to add
2. Assay of hormone <https://github.com/obi-ontology/obi/issues/1909>; modify NIEHS hormone assays or work with external group to define hormone chemicals as hormones
 - a. Update the assay as described in ticket and request ChEBI identify this group as hormones
3. Bodily fluid cell count assay <https://github.com/obi-ontology/obi/issues/1910>
 - a. skipped
4. Questions from Sept 15: Are NIEHS assays already in OBI?
 - a. Proposing body mass assay; currently mass measurement assay in OBI has no children
 - b. I see spike train datum (OBI:0000801) but not an assay

From the call - ok to move forward on these. Going forward, in general define the datum by defining the assay that produced it. Use characteristic of rather than needing to define specific datums to describe odd data from an animal. Can define a process to produce the characteristic.

September 15, 2025

Chair: Jennifer

Attending: Dan, Sebastian, James, Bjoern

Apologies:

Agenda:

1. Find chairs for next few calls
2. Talk about clinical pathology (hematology and clinical chemistry); objective to have the NIEHS assays reason to the parent area.

Discussed clinical chemistry assay and hematology assay

Four ontologies use clinical chemistry assay and JF will follow up with them before we change:

- ONE – ontology for nutritional epidemiology
- ONS – ontology for nutritional studies
- OPMI – ontology of precision medicine and investigation
- ENM-engineered nanomaterial ontology

Propose changes to clinical chemistry assay:

- Add Input = specimen from organism;
- Take out scattered molecular aggregate;
- add Is about phenotype (Phenotypic effect UPHENO:0001002); Put in the textual definition that the assay is about phenotype of the organism providing the specimen.

Created <https://github.com/obi-ontology/obi/issues/1911>

Propose to add “is about phenotype” to hematology assay as well; added comment to <https://github.com/obi-ontology/obi/issues/1310>

Update the NIEHS clinical chemistry assays in this list to add input = specimen from organism and target phenotypic effect.

<https://docs.google.com/spreadsheets/d/13CoRpQpsDfx024BePrkGi6Jzmjmd5f9f5RZEGk2lxU/edit?gid=0#gid=0>

Reviewed the new assay requests from NIEHS:

<https://docs.google.com/spreadsheets/d/13CoRpQpsDfx024BePrkGi6Jzmjmd5f9f5RZEGk2lxU/edit?gid=0#gid=0>

AI - Double check body mass assay, the synaptic activity assays, and hypersensitivity.

Follow up about hormone assays - set up a ticket listing the hormones we would like to identify.

We need a way to count cells in culture. The group discussed these two assays OBI:2100330 count bodily fluid cell count assay; OBI:2100345 bodily fluid cell count assay. AI - Send email to Mark to ask how these should be used.

Sorry, Dan - i totally missed this; will add to next week's agenda

I have a question about using "has participant" relationship for non-agents and occurrents, if there is time (Dan)

- If time: <https://github.com/obi-ontology/obi/pull/1895> investigation relations

September 8, 2025

Chair: Sebastian

Attending: Bjoern, James, Jennifer

Apologies:

Agenda:

- Follow-up from last week's discussion re:IAO:"data item"
 - Context: [obi-ontology/obi#1877](https://github.com/obi-ontology/obi/pull/1877)
<https://github.com/information-artifact-ontology/IAO/issues/283>
 - Sebastian made a PR based on last week's action items:
<https://github.com/information-artifact-ontology/IAO/pull/289>
 - There was some discussion on how to annotate/map to DCAT terms—it seems consensus is no change should be made to the PR at this time
 - Question: Who on the IAO side should be the one to review/approve/merge the PR?
 - James ran the workflows, Jie should be the one to merge
 - Charlie made [PR #290](#) to update the OWL API
- NTR for investigation/condition/intervention relations—postponed until we have a larger group
 - Charlie Hoyt requested a handful of relations

August 25, 2025

Chair: Bjoern

Attending: Bill, James, Damion, Sebastian, Michelle, Mark

Apologies:

Agenda:

- COB call follow-up
- Bill Duncan joins for 'data entity'
 - [obi-ontology/obi#1877](https://github.com/obi-ontology/obi/pull/1877))
 - <https://github.com/information-artifact-ontology/IAO/issues/283>
- (If there's time)
 - PRs:
 - <https://github.com/obi-ontology/obi/pull/1905> NTR for capillary electrophoresis mass spectrometry assay — Approved - APPROVED ON CALL
 - <https://github.com/obi-ontology/obi/pull/1895> relations between investigations, conditions, interventions NEXT WEEK

Pull request: discussion: (approved by: James, Bill, Sebastian, Michelle, Damion, Mark)

- Relabel IAO:'data item' to IAO:'data entity'
- Update definition to clarify this includes more than one item: "An information content entity that is intended to be one or more truthful statement(s) about something (modulo, e.g., measurement precision or other systematic errors) and is constructed/acquired by a method which reliably tends to produce (approximately) truthful statements."
- Create 'data collection' as a child of IAO:'data entity'
 - Definition: "A data entity that consists of multiple data entities"
- Move IAO:data set to child of 'data collection', and relabel as IAO:'homogenous data collection'
- Synonyms: "data set" should be added to both "data collection" and "homogenous data collection" (to return prior label searches)
- Synonyms: "data item" should be added to "data entity" (to return prior label searches)

PR made by Sebastian: <https://github.com/information-artifact-ontology/IAO/pull/289>

Related issues outside of the pull request:

- Map DCAT:dataset to 'data collection' (SSSOM; where would that live? COB?)
- 'Structured data collection' or something like it could be introduced as a parent of 'data table' and the like
- '[Data collection](#)' appears as a process in OBCS; that label would ideally be extended to "data collection process" (see [issue](#))

Aug 4, 11, 18: Cancelled for summer break

July 28, 2025

Chair: Dan

Attending: Bjoern, Michelle, Jennifer, James, Sebastian, Damion

Apologies:

Agenda:

- Note: James will be on vacation August 4-20. Sebastian can take care of technical problems while I'm gone.
-
- Release Candidate with COB, and plan announcing it: Reviewed and blessed
 - Sebastian will be making an updated release candidate due to a last-minute OBI-COB bug fix
 - Sebastian will draft announcement text to be sent to obi-users and obo-discuss by James, with the information that this release includes OBI-COB files, and the final OBI-COB transition will happen in October
- Discussed processes for OBI release announcements

July 21, 2025

Chair: Jennifer

Attending: James, Bjoern, Dan, Sebastian

Apologies: Mark (agenda looks good though!)

Agenda:

Update to "Clinical Chemistry assay" <https://github.com/obi-ontology/obi/issues/1883>

Agreement that more work can be fruitful.

Not sure if there is an update for the following:

- Textual definition of “histological assay” should mention optical magnification <https://github.com/obi-ontology/obi/issues/1871>
 - Add detection technique of light microscopy assay to histology assay.
 - Make gross pathology a sibling of histological assay
- Changes to OBI:0302736 “comet assay” <https://github.com/obi-ontology/obi/issues/1867>
 - We agree to change the label and update the parent. Will add to future PR.
- Further improvements to specimen branch <https://github.com/obi-ontology/obi/issues/1847>
 - In good shape; tested for UBERON and ChEBI; waiting for time to work on this.

These are older issues, and I hope the relevant folks can attend:

- Change label of specimen identifier <https://github.com/obi-ontology/obi/issues/1736>
 - Sebastian will assign this to himself
- Data custodian role <https://github.com/obi-ontology/obi/issues/1894>
- Bioimaging concepts <https://github.com/obi-ontology/obi/issues/1885>

July 14, 2025

Chair: Damion

Attending: Mark, Jennifer, Damion, Sebastian, James, Bjorn

Apologies:

Agenda:

- OBI/COB material processing terms
 - See [Material Processing Fundamental Terms](#)
- Mark: “The institution that gives some task” NMDC: “processing institution”
 - Bjorn: “service provider role”;
 - Damion: Suggests a “service provider” class having role of service provider role.
- Issues/PRs:
 - [#1893](#) SSSOM mappings
 - As posed on issue, a few questions arise about kinds of synonymy, and how we’d support that.

July 7, 2025

Chair: Sebastian

Attending: Bjoern, James, Mark, Jennifer, Michelle

Apologies:

Agenda:

- OBI-COB transition planning
 - [OBI-COB Transition Changelog](#) (has list of removed/replaced terms)
 - [OBI-COB Rollout](#) (has draft release plan and list of priority ontologies to be notified of specific term changes)
 - **General plan:** Release OBI-COB alongside the existing BFO-based OBI files for a few months before fully adopting OBI-COB.
 - **AI Sebastian:** Create script to build OBI-COB from existing OBI-BFO so we can update it with each release
 - **AI Group:** Decide on release dates
 - Group agrees on **end of October** as a final OBI-COB adoption date
 - Sebastian is creating a script to build OBI-COB files from OBI-BFO files
 - Goal: next release (**late July**) will include OBI-COB files so others can download and test OBI-COB
 - **AI Sebastian:** Write notification documents focused on actionable steps for people to adopt OBI-COB
 - **Ways to make adoption easier:**
 - Planned obsolescence annotations
 - [IAO:0006012](#) 'scheduled for obsolescence on or after'
 - Include obsolescence reason and replaced by annotations?
 - **AI James:** ask around about the possibility that some checks may depend on obsolescence reason annotations only appearing on terms that are actually obsolete
 - ROBOT should warn about scheduled obsolescences
 - **AI James:** ROBOT release in ~September to include this
 - Smoothing out the use of replaced by annotations

- ROBOT replacement should not destroy OBI:'obsolete device' when replacing OBI:'device' with COB:'device'
- James will discuss adoption strategies on OBO ops call tomorrow (2025-07-08)
- At next release...
 - **AI Sebastian:** Create an issue for others to comment on
 - **AI Sebastian/James:** Notify obo-operations, obo-discuss, COB workshop group
 - James will be the one to send the email notifications
- Prior to end of October release:
 - Notify periodically (monthly?) about the impending OBI-COB adoption
 - **AI Sebastian:** Reach out to priority ontologies to notify/create issues/PRs for the terms that will be obsoleted from OBI
- Issues/PRs
 - <https://github.com/obi-ontology/obi/issues/1881>

June 30, 2025

Chair: Bjoern

Attending: James, Jennifer, Sebastian, Dan, Mark, Jie, Bill Duncan, Philip Strömert (TIB/NFDI4Chem), Jörg Waitelonis

Apologies: Mathias

Agenda:

- Jie asked to discuss: <https://github.com/obi-ontology/obi/issues/1877> which comes from IAO:
 - <https://github.com/information-artifact-ontology/IAO/issues/283>
 - data collection, dataset, data record, data table, data field
 - Discussed; needs further discussion. Deferred to 30 June.
 - Bill argued that the label of iao:"data item" is misleading, which is why he initially requested the new term "data collection" to be a sibling of iao:"data item". But there was agreement that "data item" was always meant to include the plural and should be used as a super class. Hence, the idea was to relabel "data item" to "data entity"
 - Philip: If we decide to mint a new class under iao:"data item" that is called "dataset" or "data collection" and mapped to dcat:Dataset via skos:exactMatch as discussed, then the only problem I see that remains, is the fact that its label

would clash with the existing iao:"data set". Hence, I propose to relabel also the existing iao:"data set" to something like "data array", as its current label is already misleading with regard to its definition and editor note. I'd say most people have the dcat:Dataset and Bill's "data collection" in mind with the label "data set". I also don't see a problem then with minting the terms Bill requested as well ("data field", "data record" & "data table", as my initial objection was also about not using "data item" as a parent.

- Joerg Waitelonis: BFO 2020 compatibility
<https://github.com/obi-ontology/obi/issues/1880>
 - reason why OBI and OBO in general don't use BFO 2020 relations:<https://oborel.github.io/obo-relations/ro-and-bfo/#history>
 - <https://github.com/cmungall/trel-crit/raw/master/trc.pdf>
 - suggestion for Joerg to rather use COB or BFO 2.0 & RO-core
 - problem with repeating the work done in COB in NFDIcore
 - it's unfortunately a political thing heavily tied up to funding
 - Philip will make a PR in NFDIcore to add aSSSOM mapping to COB

Jun 23, 2025

Chair: mam@lbl.gov

Attending: Sebastian, James, Bjoern, Dan, Jennifer

Apologies:

Agenda:

Newish:

- Need meeting chairpeople for **next week (June 30)**, July 28 and August
- <https://github.com/obi-ontology/obi/issues/1881> (Request to import EFO's spatial transcriptomics assay and instrument terms into OBI, from a software engineer at Australia's Walter and Eliza Hall Institute)
 - Sent a response to the GH issue. Labels, hierarchy and description may need refactoring to emphasize the underlying processes and not make them so vendor-centric
- <https://github.com/obi-ontology/obi/issues/1880> (Can OBI, which uses RO properties, be used with BFO2020, which provides it's own properties, frequently with the same label and same local ID, just with a different CURIE/IRI prefix)
- <https://github.com/obi-ontology/obi/pull/1879> (Make 'blood harvesting' a subclass of 'collecting specimen from organism')

- Is this term sufficient on its own? Jennifer points out that in most use cases, one would want to know what kind of tube the blood was collected into or whether there were any subsequent separations. We do have terms that are the output of more specific (but not necessarily explicitly modeled) blood collection processes: OBI:0100017 “blood serum specimen” etc.
- Sebastian: “blood specimen collection” might be a better label. Bjoern: keep “harvesting” as a synonym.
- <https://github.com/obi-ontology/obi/issues/1883> (new Clinical chemistry assay axioms)
 - Dan: Should “is about” be targeted to a process or an evaluant?
 - The choice of logical axioms might be used to classify assays as clinical chemistry assays based on some specific homeostasis process
 - Bjoern: how will the or aboutness be expressed in the ROBOT template?
 - If we add new axioms to this class, what impact might it have on people who have used it prior to the new axioms?

Older:

- <https://github.com/obi-ontology/obi/issues/1882> (Assay terms from Jennifer/NIEHS that might be ready for import)
- <https://github.com/obi-ontology/obi/issues/1877> (data collection & data set terms from Jie, who might not be able to come to today’s meeting)

June 16, 2025

Chair: Jennifer

Attending: Dan, Sebastian, James, Jie, Bill, Mark, Damion

Apologies:

Agenda:

- Jennifer issue: <https://github.com/obi-ontology/obi/issues/1310> - (follow up from last week)
 - Discussed and identified a path forward
- Jie asked to discuss: <https://github.com/obi-ontology/obi/issues/1877> which comes from IAO:
 - <https://github.com/information-artifact-ontology/IAO/issues/283>
 - data collection, dataset, data record, data table, data field
 - Discussed; needs further discussion. Deferred to 30 June

- [NIEHS assay requests](#)

June 9, 2025

Chair: Bjoern

Attending: Dan, Damion, James, Mark

Apologies: Sebastian, Jennifer

Agenda:

Issues using sort order:

<https://github.com/obi-ontology/obi/issues?q=is%3Aissue+is%3Aopen+sort%3Areactions-%2B1-desc>

- <https://github.com/obi-ontology/obi/issues/1718> - should we do label change / should we close?
- <https://github.com/obi-ontology/obi/issues/1746> - propose to close
- <https://github.com/obi-ontology/obi/issues/1815> - is this done?
- <https://github.com/obi-ontology/obi/issues/1479> - status update? Is this current?
- <https://github.com/obi-ontology/obi/issues/1310> - discuss

AI: continue discussion in #1310 next week when Jennifer hosts.

June 2, 2025

Chair: Sebastian

Attending: Mark, Dan, James, Michelle, Jennifer, Bjoern, Damion

Apologies:

Agenda:

- Recent term PRs:
 - <https://github.com/obi-ontology/obi/pull/1872> minimum and maximum data transformations
 - <https://github.com/obi-ontology/obi/pull/1874> clinical assays
 - <https://github.com/obi-ontology/obi/pull/1875> blood type assay
 - <https://github.com/obi-ontology/obi/pull/1876> clinical data items

- Strategy/timelines for OBI-COB rollout
 -  OBI-COB Transition Changelog
 -  OBI-COB Rollout
 - Technical solutions for overcoming barriers to rollout (e.g., dealing with IRI replacement)
 - Discussed developing a tool to implement ROBOT rename to help switch from e.g. OBI:organism to COB:organism—ideally implemented into ODK
 - Weighing time to develop tool and time to announce/make tracker issues about term changes in relevant ontologies
 - Damion raises idea of warning of deprecation/replacement in ODK
 - **AI:** To be discussed further in OBO call (when Sebastian chairs next?)

May 19, 2025

Attending: Sebastian, James, Bjoern, Dan, Mark

Apologies:

Sorry - the email with the agenda bounced.

Chair: Jennifer

Agenda:

- More new assays (Jennifer):  CEBS DTT Assays and Terminology
- Proposed edits made for 32-36
- New measurement assays proposed

May 12, 2025

Attending: Sebastian, James, Bjoern, Mark, Mathias, Dan, Jennifer

Apologies:

Chair: Jennifer

Agenda:

- More new assays (Jennifer):  CEBS DTT Assays and Terminology
- Approved items 17-21; asked for edits on items 32-36

May 5, 2025

Attending: Dan, James, Mark, Jennifer, Michelle

Apologies:

Chair: Sebastian

Agenda:

- [New release candidate 2025-05-01](#)
- [ROBOT import workflow](#)

April 28, 2025

Attending: Sebastian, James, Dan, Jennifer, Oliver, Damion

Apologies:

Chair: Bjoern

Agenda:

- Comet Assay: <https://github.com/obi-ontology/obi/issues/1867>
(BP side note on that term being used for viral titers, as an alternative to plaque assays)
- Immunization (Jie)
<https://github.com/obi-ontology/obi/issues/1866#issuecomment-2822270475>

April 21, 2025

Attending: Dan, Bjoern, James, Jennifer, Sebastian, Mark

Apologies:

Chair: Mathias

Agenda:

- OBI:organization
(https://ontobee.org/ontology/OBI?iri=http://purl.obolibrary.org/obo/OBI_0000245) vs.
CCO:organization
(<https://github.com/CommonCoreOntology/CommonCoreOntologies>)

- We don't want to add an equivalent axioms
 - Identify which subclasses are needed by Dan
- Update on 'specimen identifier': <https://github.com/obi-ontology/obi/issues/1736>
- Issue tracker items: <https://github.com/obi-ontology/obi/issues>
-

April 14, 2025

Attending: Dan, Sebastian, Mark

Apologies: Mathias, James

Chair: Damion

Agenda:

- Cancelled due to low attendance

April 7th, 2025

Attending: Dan, James, Jennifer, Mark, Alex, Damion

Chair: Sebastian

- OBI-COB Rollout planning
 -  OBI-COB Rollout
 -  OBI-COB Transition Changelog

March 24, 2025

Attending: Mathias, Bjoern, Sebastian, Damion, Dan, James, Mark

Chair: Jennifer

Follow up from the past call AIs: add to next week's agenda / report out

- ~~— AI: Mark to complete notes for 3/3 call~~
- AI: Michelle to indicate tickets for 2/24 call
- AI: Damion to submit has value to RO?
- AI: Sebastian to look at [OBO principle 15](#) and develop OBI-COB notification/release plan (WIP →  OBI-COB Rollout)

Start discussion of new assays proposed by DTT/ NIEHS. James has helped us get these into the robot template: [📄 CEBS DTT Assays](#)

- DTT = Division of Translational Toxicology at the National Institute of Environmental Health Sciences (NIEHS)

Agreed with assays DTT1 through DTT16 in the google sheet with corrections to move vital sign assay as assay not physical examination.

Added Survey Administration Assay; Jennifer to complete the definition.

Good discussion of advantages of current OBI import method / ODK.

James will get the agreed-to assays queued up to add to OBI.

March 17, 2025

Attending: Mathias, Dan, Sebastian, Jennifer, James, Damion

Chair: Bjoern

Agenda:

- Other agenda items? - DONE
- Chairs - DONE
- Dan: Question on atomic mass
- Pull Requests (1858/59/60/61) - DONE
- Hunting through action items from last calls
- Issues New / High thumbs

Notes:

- Atomic mass: Dan will communicate back to team on using the 'mass' PATO characteristic directly
- Follow up from past call AIs:
 - ~~AI: Mark to complete notes for 3/3 call~~
 - AI: Michelle to indicate tickets for 2/24 call
 - AI: Damion to submit has value to RO?
 - AI: Sebastian to look at [OBO principle 15](#) and develop OBI-COB notification/release plan

March 10, 2025

Attending: James, Jennifer, Michelle, Dan, Mark, Bjoern, Damion

Chair: Sebastian

Agenda:

- New release candidate ([2025-03-06](#))
- Clinical trial terms ([spreadsheet](#))
- COB transition
 - Finalized PR ([#1853](#))
 - Discuss strategy for rolling out OBI-COB
 - AI Sebastian: Put together a changelog for OBI-COB transition, noting which terms got their IDs/labels/etc changed - [DONE](#)
 - AI Sebastian: Look at [OBO principle 15](#) and start to develop notification/release plan
 - Release both OBI-COB and OBI-BFO for a few months

March 3, 2025

Attending: James, Sebastian, Jennifer, Dan, Damion, Bjoern

Apologies:

Chair: unprepared Mark

- Reviewed [fix typo from 'fluroescence' to 'fluorescence' #1852](#)
- Discussed [further improvements to specimen branch #1847](#)
- Discussed [rename and review children of 'physical store' OBI:0002089 #1846](#)
- Discussed [term request: mortar and pestle #1844](#)
- Discussed [New term request: infrared gas analyzer #1843](#)

February 24, 2025

Attending: Sebastian, James, Bjoern, Mark, Suvvi

Apologies: Damion

Chair: Michelle

Agenda:

1. Review of reorganization of RNA-seq and RNA sequencing terms according to the recent plan
 - a. <https://docs.google.com/spreadsheets/d/1vf2SZK-aUy77rAptNCndv3l9VYncYQgOeiJnztBiQSk/edit?usp=sharing>
 - b. merging single cell and single nucleus

- c. review of lists of terms from each relevant node
- 2. How to handle assays like patch-seq and 10xMultiome
- 3. Translation profiling – question on relationship between OBI:0002038 ‘ribosomal profiling by sequencing assay’ and OBI:0001282 ‘translation profiling assay’
- 4. Other areas that need reorganizing attention:
 - a. Epigenetic profiling
 - b. Chromosome conformation capture
- 5. Other items?

Notes:

1. b Bjoern suggests merging the parents but making specific children of each assay for nucleus or cell as requested by users. wouldn’t necessarily put “or nucleus” in name but will need to make this clear in the definition. Name will not include nucleus.

Will default to versions of techniques as sibs of each other.

Possible to remove single cell and single nucleus terms and have children directly under transcription profiling. Have specific children for each type of sample. Use axioms to have inferred tree.

On spatial placement - spatial is similar in type of category to bulk and single cell

patch seq - have overall term that has parts single cell seq, patch clamp, and morph reconstruction

10x - maybe handle same way

February 17, 2025 - no call US Holiday: President’s Day

February 10, 2025

Attending: Mathias, Sebastian, Mark, Jennifer, James, Bjoern, Matthias, Dan

Chair: Damion

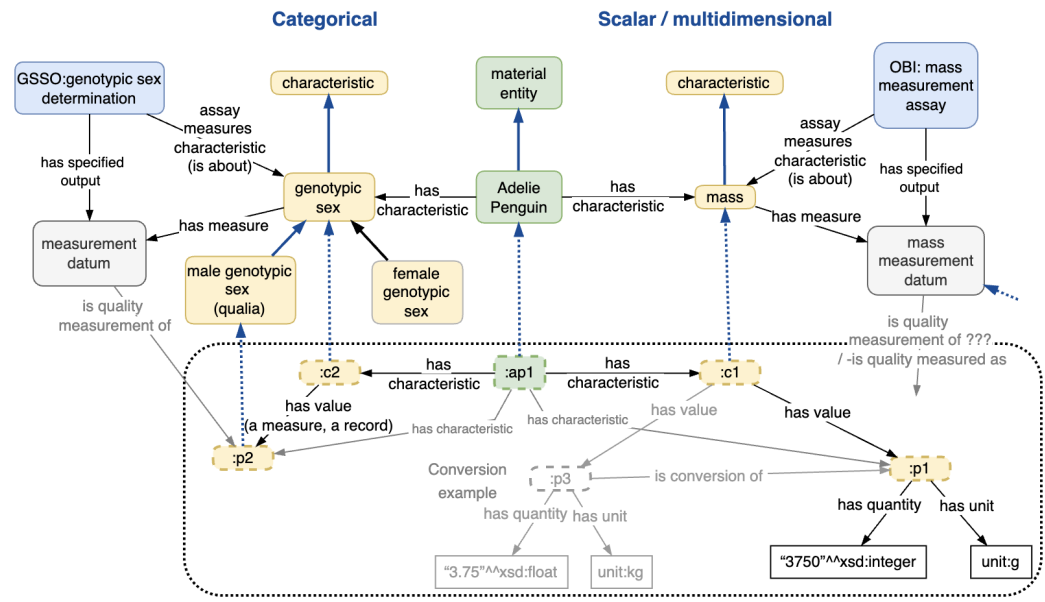
Agenda:

- Where should NTR “is measure of” (inverse “has measure”) be proposed? PR # [282](#)
 - Submit to RO.
 - “Is about” has domain “ICE”, but “is measure of” allows both data item and characteristic?
 - Use of “is measure of” and “has measure” seemed too closely connected to “measurement”, and so were confusing to people. Reverting back to James’ use

of “has value”, though better term is desired. Will try submitting to RO directly though relies on parent IAO “is about” which is a separate RO issue (look up)!

- Regarding QQV and characteristics and their values: A note about qualia, and “quaes”:

https://www.researchgate.net/publication/375926628_An_Ontological_Modelling_of_Prototype_Theories lower page 23.



-
- Damion will followup on NTR and renames in 1843,1844 and 1846
-

February 3, 2025

Attending: Charlie Hoyt, Sebastian, Dan, Bjoern, Jennifer, Mark, Damion

Chair: James

Agenda: modelling clinical trials and related studies

- Charlie's document: <https://cthoht.com/2025/01/23/clinical-trials-data-modeling.html>
 - Is there a way to link an expanded access study to an ongoing clinical trial (like a phase 3 trial?)
 - What's the context for when observational studies are annotated with interventions in ClinicalTrials.gov?
- Sebastian's slides: [Modeling Studies in ImmuneSpace](#)
- Discussion
 - We're happy to add 'clinical study' but OBI wants to bridge human and animal clinical studies.

- Maybe better to start with 'observational study' and 'investigational study', and then subclass them by study subject, e.g. human, animal.
- The intervention must be specific in the study design.
- Phases are specific to humans trials – "phase" means something different for rats.
- Arms are useful for both humans and rats.
 - We've had lots of discussions of this, and people don't always talk the same way.
 - Jennifer would say one 'study design execution' has one arm, and then an investigation compares them.
 - In ImmuneSpace we have studies with multiple arms.
- Proposal
 - start with Charlie's main diagram  ClinicalTrials.gov and OBI
 - Sebastian will make a list of terms based on Charlie's diagram and propose implementations

January 27, 2025

Attending: James, Bjoern, Jennifer, Mark, Michelle

Apologies: Damion (funding meeting collision).

Chair: Sebastian

Agenda:

- PRs:
 - Import cleanup
 - <https://github.com/obi-ontology/obi/pull/1849>
 - <https://github.com/obi-ontology/obi/pull/1850>
 - Discussed, looks good to go
 - <https://github.com/obi-ontology/obi/pull/1851>
- The post-workshop update to COB has been merged and released—adopting COB in OBI is an active priority
- plan next week's call about clinical trials
 - <https://github.com/obi-ontology/obi/issues/1831>
 - <https://cthoit.com/2025/01/23/clinical-trials-data-modeling.html>
 - Sebastian will present a few slides on ImmuneSpace modeling of investigations
 - Others can present a few slides on how they use OBI terms for investigation modeling in their projects
 - James will ping Damion and Dan to ask if they want to contribute some slides
 - Goal: agree on standardized modeling and document it

- <https://github.com/obi-ontology/obi/issues/1829> — related, but a later part of the process
- What prep does Mark Miller have to do?
 - Mark to switch calls with James

January 13, 2025

Attending: Sebastian, Jennifer, Dan, Bjoern, Mark

Chair: James

Agenda

- no call next week (Jan 20)
- review release candidate: <https://github.com/obi-ontology/obi/pull/1848>
 - label changes to 'specified X'
 - RO label updates
- Dan mentions discussions between ENVO and RBO about energy and BFO: <https://github.com/EnvironmentOntology/envo/issues/1490>
 - it might be helpful to focus on 'radiation' here, rather than 'potential energy'
 - kind of a long discussion :^)
- issues
 - <https://github.com/obi-ontology/obi/issues/1831>

January 6, 2025

Attending: Dan, Sebastian, Mathias, Jennifer, Damion, James, Mark, Michelle

Chair: Bjoern

Agenda:

1. OBI Issues link, sorted by 'thumbs-up': <https://github.com/obi-ontology/obi/issues?q=is%3Aissue+is%3Aopen+sort%3Areactions-%2B1-desc>
2. OBI Pull Requests <https://github.com/obi-ontology/obi/pulls>
 - a. If we could get Sebastian's bath pull request through hoop, I have a few device ones to make, including "mortar and pestle". P.s. interesting case in that the two implements come together to make a single device. Do I have separate entries for each?

3. Does OBI use in-subset annotations? Do we know of another OBO Foundry ontology that does model subsets in a modern way? - OBI is not a great example for insubset use (either now or historically)
4. Specimens: We reviewed the current specimen pull request, and agreed to
 - a. Fix the leukocyte +2 cell samples that are annotated as 'swab' samples in their logical definition (Sebastian completed)
 - b. Delay further updates to the specimen hierarchy, but create issues to:
 - i. Ensure common anatomical system terms that allow for grouping samples are imported
 - ii. Ensure serum and other common specimen types are covered
 - iii. Revisit how 'cell specimen' is defined textually (currently using part-of rather than 'derived from')
 - iv. Create a new grouping class for 'specimen with defined collection method', that has 'swab specimen' and 'aspirate specimen' etc. as children
5. Approved all pull requests; James will create a release candidate.

December 16, 2024

Attending: Dan, James, Mark, Michelle, Damion

Chair: Sebastian

Agenda:

1. Revisit 2025 chairs to take the Jan 20th call off the schedule
2. Discuss recent PRs
 - a. Pre-COB-transition cleanup ([#1838](#))
 - i. Sebastian to add commits to remove references to some BFO terms that will be gone post-COB-transition, e.g., entity
 - ii. Keeping this PR as a draft for now
 - b. Add editor's note about similarity between OBI and OMRSE patient roles ([#1840](#))
 - c. Add linked-read sequencing assay ([#1841](#))
 - d. Add bath terms ([#1845](#))

- e. Reorganizing 'specimen from organism' hierarchy ([#1839](#))
- f.