Release Notes for BAO version 2.8.5

Contact: Stephan Schurer (sschurer at med dot miami dot edu)

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### About BAO

The BioAssay Ontology (BAO) has been developed to formally describe biological screening assays and their results including high-throughput screening (HTS) data; specifically in the domain of small molecule drug and probe development. BAO enables categorization of assays and results by based on several concepts that are important to interpret and analyze screening data with the goal to infer the mechanism of action of small molecules based on the known aggregate screening results from many assays.

### Changes in BAO v 2.8.5

Update label terms:

Change BAO\_ID BAO\_label update\_BAO\_label  
8 BAO\_0010170 CYP time dependent inhibition IC50 shift CYP time dependent inhibition IC50 shift assay  
8 BAO\_0010171 CYP time dependent inhibition Ki/kinact CYP time dependent inhibition kinact/KI assay  
8 BAO\_0010172 CYP time dependent inhibition single point CYP time dependent inhibition single point assay  
8 BAO\_0010166 CYP cocktail IC50 CYP cocktail IC50 assay  
8 BAO\_0010167 CYP single point inhibition CYP single point inhibition assay  
8 BAO\_0010142 milk excretion assay human mammary epithelial cell permeability assay  
8 BAO\_0010118 hepatocyte relay with inhibitors hepatocyte relay assay  
8 BAO\_0010158 monoamine oxidase inhibition monoamine oxidase inhibition assay  
8 BAO\_0010126 recombinant CYP reaction phenotyping recombinant CYP reaction phenotyping assay  
8 BAO\_0010117 MAO reaction phenotyping MAO reaction phenotyping assay  
8 BAO\_0010131 recombinant UGT reaction phenotyping recombinant UGT reaction phenotyping assay  
8 BAO\_0010173 UGT inhibition UGT inhibition assay  
8 BAO\_0010169 CYP time-dependent inhibition CYP time-dependent inhibition assay  
8 BAO\_0010174 UGT1A1 with BSA UGT1A1 with BSA assay  
8 BAO\_0010175 UGT1A1 without BSA UGT1A1 without BSA assay  
8 BAO\_0010176 UGT1A4 with BSA UGT1A4 with BSA assay  
8 BAO\_0010177 UGT1A4 without BSA UGT1A4 without BSA assay  
8 BAO\_0010180 UGT1A9 with BSA UGT1A9 with BSA assay  
8 BAO\_0010181 UGT1A9 without BSA UGT1A9 without BSA assay  
8 BAO\_0010182 UGT2B15 with BSA UGT2B15 with BSA assay  
8 BAO\_0010183 UGT2B15 without BSA UGT2B15 without BSA assay  
8 BAO\_0010184 UGT2B7 with BSA UGT2B7 with BSA assay  
8 BAO\_0010185 UGT2B7 without BSA UGT2B7 without BSA assay

Deprecate:

BAO label: CYP chemical inhibition BAO ID: BAO\_0010124

### Github

<https://github.com/BioAssayOntology/BAO/issues/89>

<https://github.com/BioAssayOntology/BAO/issues/90>

### Public Location:

[http://www.bioassayontology.org/bao](http://www.bioassayontology.org/bao/bao_complete.owl)

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