The BioPortal OOR

http://bioportal.bioontology.org

Mark A. Musen and the BioPortal team Stanford University





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Welcome

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Home

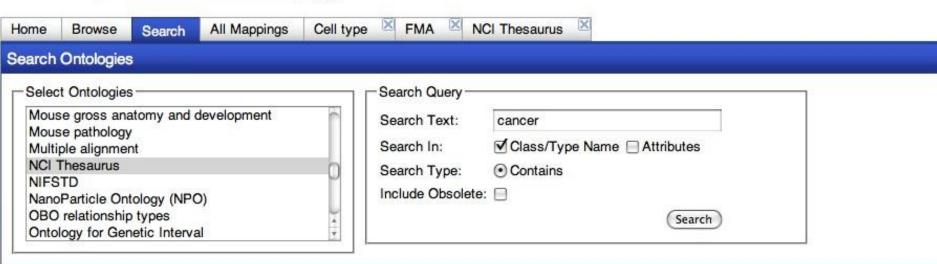
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All Mappings

Ontology Name	Format	Version	Author	Uploaded On	
African Traditional Medicine	OBOF	1.0.1	Ghislain Atemezing	04/15/2008	
Amino Acid	OWL-FULL	1.2		01/16/2007	Explore
Amphibian gross anatomy	OBOF	1.8	AmphiAnat list	07/30/2008	Explore
Animal natural history and life history	PROTEGE	See Remote Site	Http://animaldiversity Administrators	08/20/2008	
Basic Vertebrate Anatomy	OWL-FULL	1.1		01/16/2007	Explore
Bilateria anatomy	OBOF	See Remote Site	Thorsten Heinrich	08/20/2008	
Biological imaging methods	OBOF	1.1	Image Administrators	07/30/2008	Explore
Biological process	OBOF	1.274	Gene Ontology	08/20/2008	Explore
Biomedical Resource Ontology	OWL-DL	2.0	Daniel Rubin, Natasha Noy	08/06/2008	Explore
BIRNLex	OWL-DL	1.3.1	William Bug	03/24/2008	Explore
BRENDA tissue / enzyme source	OBOF	See Remote Site	BrendaTissue Administrators	08/20/2008	
C. elegans development	OBOF	1.3	Worm_development Administrators	07/30/2008	Explore
C. elegans gross anatomy	OBOF	1.7	Http://brebiou Administrators	07/30/2008	Explore
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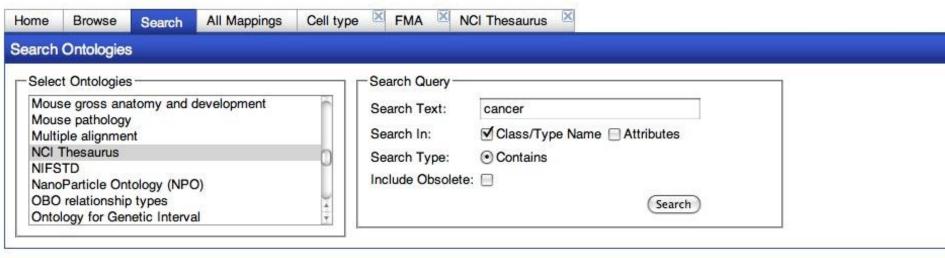
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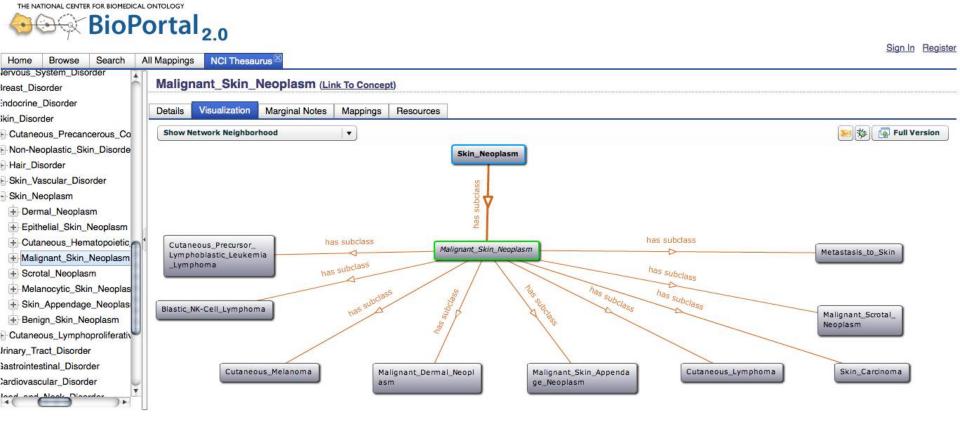
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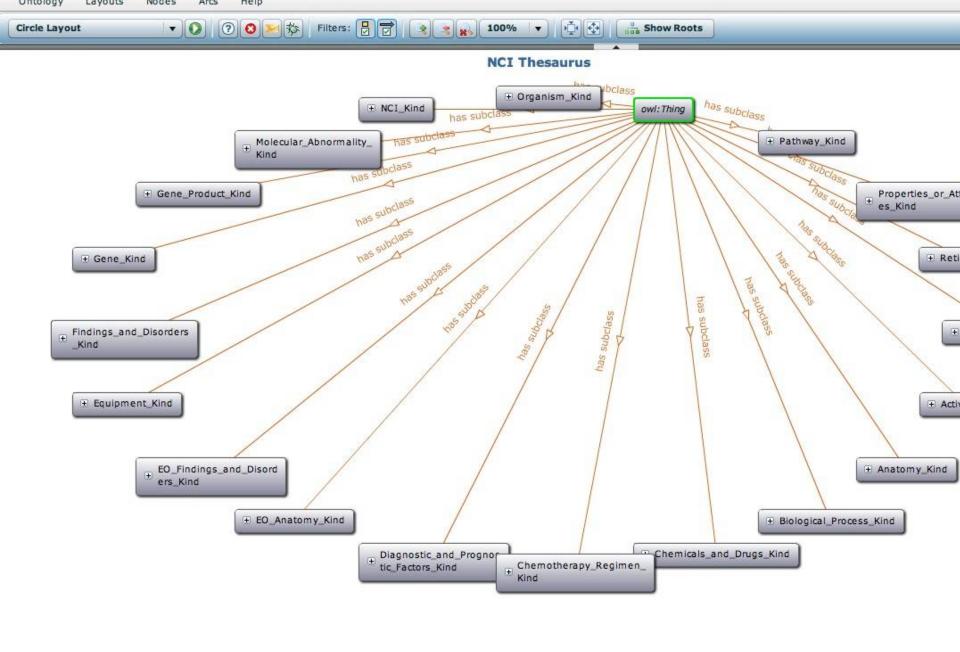




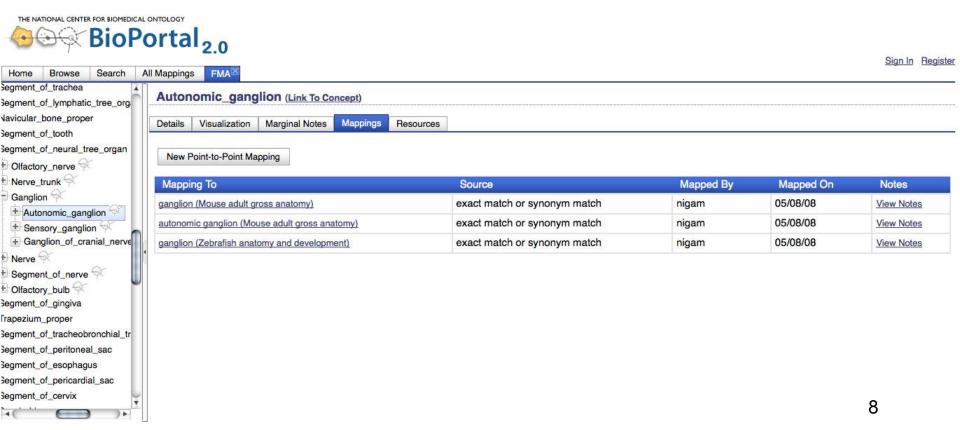
NCI Thesaurus				
Concept Name	Found In			
Secondary Gleason Score for Prostate Cancer	Concept Name			
Prevention of Skin Cancer	Concept Name			
Breast Cancer Pathologic Regional Lymph Nodes TNM Finding	Concept Name			
Breast Cancer Treatment	Concept Name			
Exocrine Pancreatic Cancer pM1 TNM Finding	Concept Name			
Vermont Cancer Center at the University of Vermont	Concept Name			
Kidney Cancer pN2 TNM Finding	Concept Name			

NCI Thesaurus in BioPortal

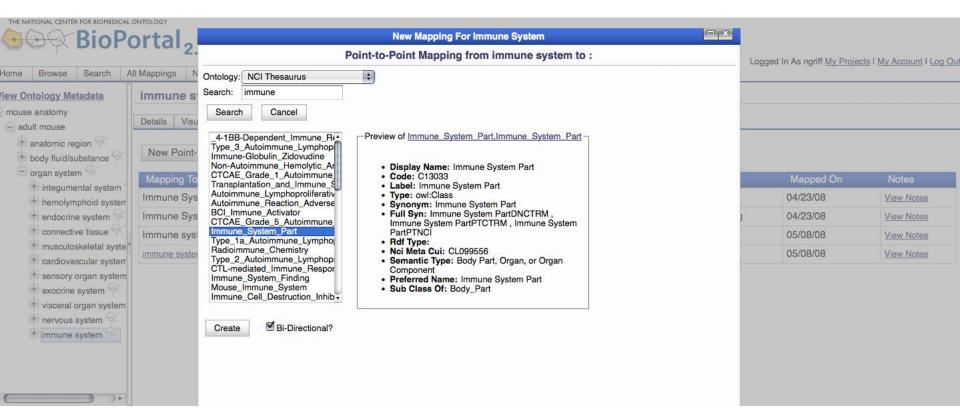




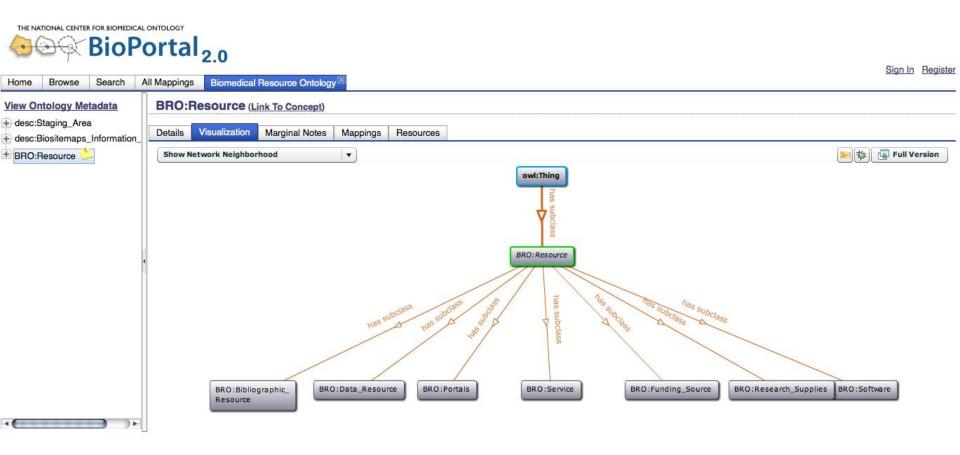
Mappings between ontologies



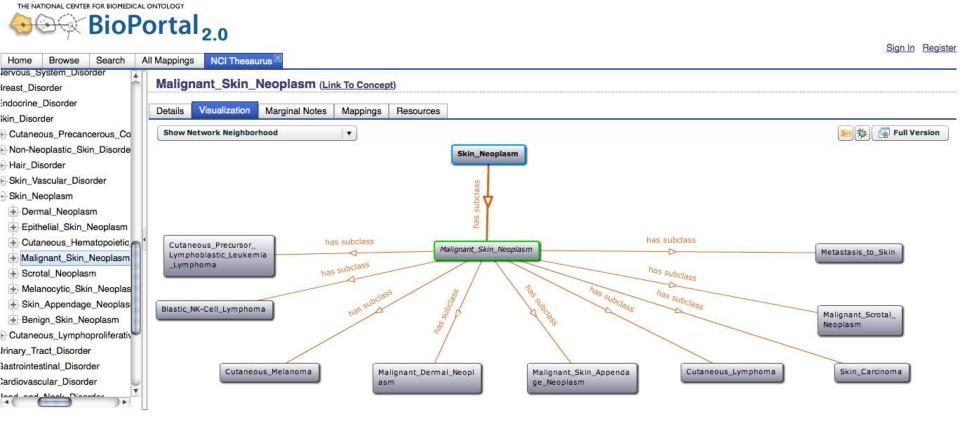
Creating a "point to point" mapping



Biomedical Resource Ontology in BioPortal

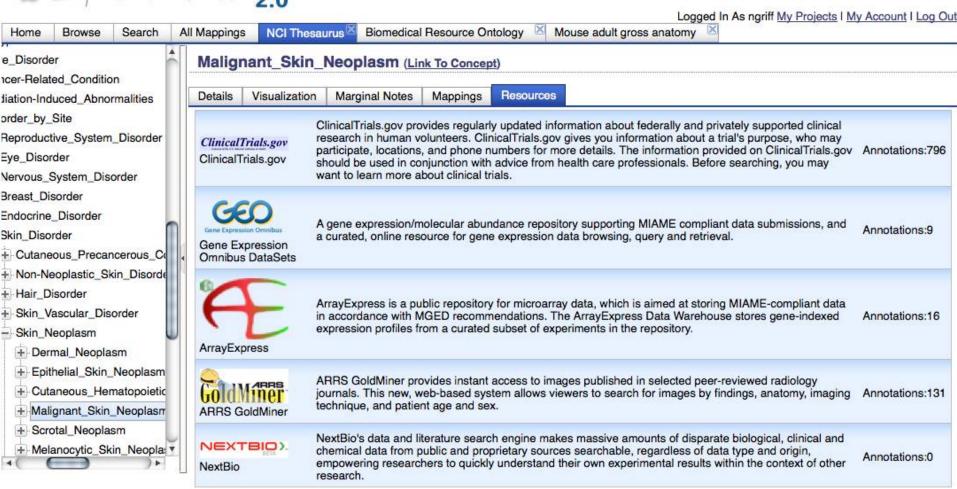


NCI Thesaurus in BioPortal



Open Biomedical Resources

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BIOPORTAI
2.0



Open Biomedical Resources

THE NATIONAL CENTER FOR BIOMEDICAL ONTOLOGY BioPortal_{2.0} Logged In As ngriff My Projects I My Account I Log Out Biomedical Resource Ontology Mouse adult gross anatomy Home Browse Search All Mappings NCI Thesaurus e Disorder Malignant_Skin_Neoplasm (Link To Concept) ncer-Related Condition Resources Details Visualization Marginal Notes Mappings diation-Induced Abnormalities order_by_Site ClinicalTrials.gov provides regularly updated information about federally and privately supported clinical research in human volunteers. ClinicalTrials.gov gives you information about a trial's purpose, Reproductive_System_Disorder ClinicalTrials.gov who may participate, locations, and phone numbers for more details. The information provided on Annotations:796 Eye_Disorder ClinicalTrials.gov ClinicalTrials.gov should be used in conjunction with advice from health care professionals. Before searching, you may want to learn more about clinical trials. Nervous System Disorder Breast Disorder Endocrine Disorder A gene expression/molecular abundance repository supporting MIAME compliant data submissions, Annotations:9 Skin Disorder and a curated, online resource for gene expression data browsing, guery and retrieval. Gene Expression + Cutaneous Precancerous Co Omnibus DataSets → Non-Neoplastic Skin Disorde Cutaneous malignant melanoma + Hair Disorder Annotation Context: closure ID: 1375 + Skin_Vascular_Disorder Transcription factor FoxM1 inactivation effect on breast cancer cell ID: 1477 Annotation Context: closure Skin Neoplasm Melanoma progression + Dermal_Neoplasm ID: 1989 Annotation Context: closure + Epithelial Skin Neoplasm Melanoma, cutaneous malignant, classification + Cutaneous_Hematopoietic ID: 2 Annotation Context: closure + Malignant Skin Neoplasm Ductal carcinoma in situ to invasive ductal carcinoma progression (HG-U133A) + Scrotal_Neoplasm ID: 2045 Annotation Context: closure + Melanocytic_Skin_Neopla: ▼ Ductal carcinoma in situ to invasive ductal carcinoma progression (HG-U133 2.0) ID: 2046 Annotation Context: closure

Non-melanoma skin cancer

What's in BioPortal today?

Statistics

Total Number of Ontologies: 111

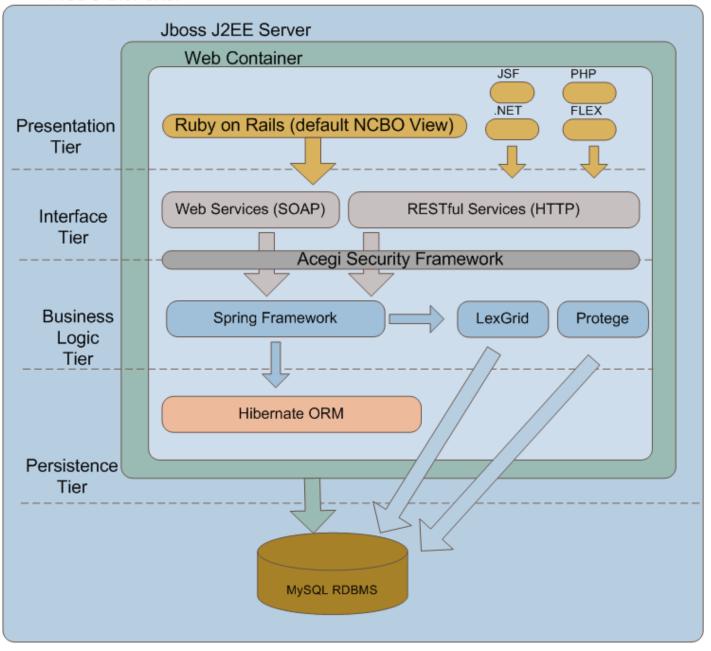
NCBO Library: 78

Remote Ontologies: 33

Number of Classes/Types: 500109*

*from ontologies that have been parsed and indexed

NCBO BioPortal





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