



Research Output Table for Public Comment:

CIHR encourages the research community and stakeholder groups to review and comment on the following table. Moreover, CIHR welcomes suggestions for other types of data and/or submission websites.

Examples of research outputs and corresponding publicly accessible archive, repository or database	
Peer-reviewed journal publications: Public archive or repository	
PubMed Central: http://www.pubmedcentral.nih.gov/	
Institutional Repositories at Canadian universities: http://www.carl-abrc.ca/projects/institutional_repositories/canadian_projects-e.html	
Directory of Open Access Repositories (international): http://www.opendoar.org/	
Research materials	Public repository
Biological materials including: cell lines, cell types, and clones	American Type Culture Collection (ATCC): http://www.atcc.org/
Mouse resources	International Mouse Strain Resource: http://www.informatics.jax.org/imsr/index.jsp
Research data type	Public database or archive
Pillar 1 – Biomedical research	
Nucleic acid sequences	GenBank: http://www.ncbi.nih.gov/Genbank/index.html
Gene expression data	Gene Expression Omnibus: http://www.ncbi.nlm.nih.gov/geo/
Human phenotype data	Genetic Association Information Network (GAIN): http://www.fnih.org/GAIN/Project_Data_Sets.shtml

Structure data	Research Collaboratory for Structural Bioinformatics (RCSB) Protein Data Bank: http://www.pdb.org/pdb/Welcome.do
Single nucleotide polymorphisms (SNPs)	The Single Nucleotide Polymorphisms Database: http://www.ncbi.nlm.nih.gov/SNP
Molecular interaction data	See International Molecular Exchange Consortium (IMEx) partners: http://imex.sourceforge.net
DNA and clinical data related to the human major histocompatibility complex (MHC).	dbMHC: http://www.ncbi.nlm.nih.gov/mhc/MHC.fcgi?cmd=init
Proteomics data*	<p>PRoteomics IDentifications database (PRIDE): http://www.ebi.ac.uk/pride/ [European Bioinformatics Institute (EBI)]</p> <p>PeptideAtlas: http://www.peptideatlas.org/ [Institute for Systems Biology (ISB)]</p> <p>Global Proteomics Machine (GPM): http://gpmdb.thegpm.org/ [National Resource for Mass Spectrometric Analysis of Biological Macromolecules at Rockefeller University]</p>
Pillar 2 – Clinical research	
Functional MRI (fMRI) data	The fMRI Data Centre: http://www.fmridc.org/fmridc/index.html
Human phenotype data	Genetic Association Information Network (GAIN): http://www.fnih.org/GAIN/Project_Data_Sets.shtml
DNA and clinical data related to the human major histocompatibility complex (MHC).	dbMHC: http://www.ncbi.nlm.nih.gov/mhc/MHC.fcgi?cmd=init
Pillar 3 and 4 – Health systems and services, and population health research	
Social science data	Inter-university Consortium for Political and Social Research (ICPSR): http://www.icpsr.umich.edu/index.html

*Deposition of proteomics data:



Given that proteomics is a burgeoning field, standards for data storage and deposition are still in development. Therefore, CIHR-funded investigators that are generating proteomics data are encouraged to deposit their trace files in one of the three Open repositories. CIHR will follow the trends in this field and update this table as necessary.