المركز الوطني لمعلومات التكنولوجيا الحيوية أو NCBI

المكتبة تشترك في قاعدة HINARI والتي بدورها توفر قاعدة NCBI National Center for Biotechnology Information

نبذة عن NCBI المركز الوطني لمعلومات التكنولوجيا الحيوية أو (NCBI) جزءا من المكتبة الوطنية للطب في الولايات المتحدة (NLM) المتفرعة عن معاهد الصحة العالمية ، تم تأسيسه عام 1988 حيث يضم المركز بيانات الجينات المتسلسلة في بنك الجينات وفهرسا للمقالات والبحوث الطبية الحيوية في كل من بابميد سينترال PubMed Central وبابميد PubMed، فضلا عن معلومات إضافية متعلقة بالتكنولوجيا الحيوية. للدخول الى قاعدة بيانات NCBI : عن طريق HINARI اضغط هنا او الرابط التاليhttp://library.ppu.edu.ezproxy.ppu.edu:8080/E-Databases/H/ncbi.nlm.nih.gov.htm ثم ادخل اسم المستخدم وكلمة المرور :اسم المستخدم:library2013 و كلمة المرور:123456 username:library2013 password:123456 او استخدم الطريقة التالية : خاص بالموظفين:اسم المستخدم:المقطع الاول من البريد الالكتروني و كلمة المرور:نفس كلمة المرور المستخدمة في الدخول الى البريد الالكتروني . خاص بالطلبة (نفس الطريقة في الدخول على موقع التسجيل الالكتروني) اسم المستخدم:رقمك الجامعي بدون "/" . كلمة المرور:نفس كلمة المرور المستخدمة في الدخول الى البريد الالكتروني . قواعد البيانات التي يحتويها الموقع:

Books In collaboration with book publishers, NCBI offers digital biomedical books and monographs with links to PubMed, the biomedical bibliographic database.

Cancer Chromosomes Contains cytogenetic, clinical, and reference information from integrated information from the NCI Mitelman Database of Chromosome Aberrations in Cancer, the NCI Recurrent Aberrations in Cancer database, and the NCI/NCBI SKY/M-FISH & CGH Database.

CDD Conserved Domain Database, a collection of sequence alignments and profiles representing protein domains conserved in molecular evolution. Select 'Domains' from the Entrez pull down menu.

CoreNucleotide Contains all nucleotide sequences not included in the EST or GSS subsets.

3D Domains Contains protein domains from the Entrez Structure database.

EST A Nucleotide database subset that contains only Expressed Sequence Tag records.

Gene Genes and associated information for a number of organisms in addition to and including human.

Genome Genomes of over 1,200 organisms can be found in this database, representing both completely sequenced organisms and those for which sequencing is in progress.

Genome Project A searchable collection of complete and incomplete (in-progress) large-scale sequencing, assembly, annotation, and mapping projects for cellular organisms.

dbGaP Associated genotype and phenotype data.

GENSAT Gene expression atlas of the mouse central nervous system.

GEO Datasets Curated gene expression and molecular abundance DataSets from NCBI's Gene Expression Omnibus, a gene expression and hybridization array repository.

GEO Profiles Individual gene expression and molecular abundance profiles assembled from the GEO repository.

GSS A Nucleotide database subset that contains only Genome Survey Sequence records.

HomoloGene Contains homologs among the annotated genes of several completely sequenced eukaryotic geneomes.

Journals Contains all journals included in PubMed and provides links to records for that journal in the database.

MeSH NLM's controlled vocabulary used for indexing articles in PubMed.

NCBI Web Site Searches the entire NCBI web site.

NLM Catalog Catalog of books, journals, and audiovisuals in the NLM collections.

Online Mendelian Inheritance in Animals (OMIA): A database of genes, inherited disorders and traits in animal species (other than human and mouse) authored by Professor Frank Nicholas of the University of Sydney, Australia.

Online Mendelian Inheritance in Man (OMIM): A catalog of human genes and genetic disorders authored and edited by Dr. Victor A. McKusick and colleagues.

PopSet Population study datasets that have been collected to analyze the evolutionary relatedness of a population.

Probe A public registry of nucleic acid reagents designed for use in a wide variety of biomedical research applications, together with information on reagent distributors, probe effectiveness, and computed sequence similarities.

Protein sequence database A collection of protein sequence entries compiled from a variety of sources including Swiss-Prot, PIR, PRF, PDB, and translations from annotated coding regions in GenBank and RefSeq.

PubChem BioAssay Bioactivity screens of chemical substances.

PubChem Compound Small molecule chemical structures.

PubChem Substance Chemical substances screened for bioactivity.

PubMed Access to over 15 million citations from MEDLINE and additional life sciences journals.

PubMed Central A digital archive of full-text, life sciences journal literature that is fully searchable and linked to the PubMed database.

SNP Repository for both single nucleotide substitutions and short deletion and insertion polymorphisms.

Structure The Molecular Modeling Database contains 3-dimensional macromolecular structures, including proteins and polynucleotides.

Taxonomy Contains the names of all organisms that are represented in the genetic databases with at least one nucleotide or protein sequence.

UniGene A system for automatically partitioning GenBank sequences into a non-redundant set of gene-oriented clusters containing sequences that represent a unique gene, as well as related information such as tissue types and map location.

UniSTS Reports information about markers, or Sequence Tagged Sites (STS), primer sequences, product size, and mapping information.

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