E2020: Soft-Skills 2 : Information Literacy

Ressources, a non-exaustive list of link for database and useful link

Database of information and articles:
scifinder.cas.org
reaxys.com/#/search/quick
chemspider.com
isiknowledge.com
pubchem.ncbi.nlm.nih.gov
ncbi.nlm.nih.gov
http://polysearch.ca/ (biomedical text mining to discover potential associations between various types of biomedical entities)
https://www.storkapp.me/ (alerts for papers based on keywords)

Spectra database
webbook.nist.gov/chemistry
sdbs.db.aist.go.jp/sdbs/cgi-bin/direct_frame_top.cgi
echa.europa.eu/home (European Chemical agency)
MassBank (jp, eu, na) – mass spectra

Database of chemical manufacturers and sellers (just a few examples):
sigmaaldrich.com
acros.com
tcichemicals.com/en/cz
https://www.emolecules.com/ (Structure searching)
https://zinc.docking.org/ (Commercially available compound database)

Database of biological structures and biomolecules:
www.uniprot.org
web.expasy.org/protparam
reactome.org
brenda-enzymes.or
proteomicsdb.org
research.bioinformatics.udel.edu/iptmnet
pfam.xfam.org
blast.ncbi.nlm.nih.gov/Blast.cgi
ncbi.nlm.nih.gov/genbank
blast.ncbi.nlm.nih.gov/Blast.cgi?PAGE=Proteins
https://www.vmh.life/ (Virtual Metabolic Human – model human physiology)
https://www.wishartlab.com/web_servers (Various databases mostly for metabolites)
https://www.ebi.ac.uk/chembl/ (Curated database of biomolecules with drug-like activity)
https://www.ebi.ac.uk/chebi/ (Curated database of chemicals of biological interest)
https://biocyc.org/ (organism specific databases)
https://www.genome.jp/kegg/ (Molecular pathway maps)
https://www.proteinatlas.org/ (Human protein atlas)
https://www.ebi.ac.uk/gxa/home (Transcriptome atlas)

https://www.lipidmaps.org/ (Lipid database)
https://www.pherobase.com/database/compound/compounds-index.php (Semiochemical database)
https://www.omicsdi.org/ (Multi-omics database compilation)
https://metabolicatlas.org/ (Model species genome-scale metabolic models)
http://www-metrabase.ch.cam.ac.uk/metrabaseui/? (Transporter database)

Environmental database
comptox.epa.gov/dashboard
aopwiki.org
https://go.drugbank.com/ (Drug database)
http://www.t3db.ca/ (Toxin database)
https://ec.europa.eu/food/plants/pesticides/eu-pesticides-database_en (EU pesticide database)
http://exposome-explorer.iarc.fr/ (Environmental risk factors for disease database)
https://www.genasis.cz/ (POPs database)
https://envipath.org/ (Environmental contaminant transformation database)
https://www.echemportal.org/echemportal/ (EU chemical portal)
https://pesticidecompendium.bcpc.org/ (Pesticide common name database)
https://www.bindingdb.org/bind/index.jsp (Experimental ligand binding database)
https://cfpub.epa.gov/ecotox/ (Environmental chemical toxicity database)
https://risctox.istas.net/en/ (Toxic substance database)

Magazines database
pubs.acs.org
pubs.rsc.org
onlinelibrary.wiley.com/action/showPublications?PubType=journal
sciencedirect.com
… and many others

Patent databases
worldwide.espacenet.com
patft.uspto.gov
jpo.go.jp/e; j-platpat.inpit.go.jp
patentscope.wipo.int/search/en/search.jsf
isdv.upv.cz/webapp/!resdb.pta.frm