

# Welcome to eagle-i

## Making open science happen...

eagle-i is an ontology-driven, RDF-based software platform for creating, storing and searching semantically rich data about research resources of all kinds. eagle-i is built around semantic web technologies and adheres to **linked open data** principles.

The collage displays various features of the eagle-i platform:

- Home Page:** Features a search bar, navigation menu, and a banner with the text "Making open science happen, one resource at a time." Below this, it lists search categories from 95,000 biomedical resources: Core Facilities (964), Misc (1,142), Software (1,381), Monoclonal Antibodies (1,585), Cell Lines (3,269), and Biological Specimens (4,116).
- Search Results:** Shows a list of resources with filters for "Collection Filters", "Quick Filters", "Research Type Filters", "Biological Specimens", "Cell Lines", "Monoclonal Antibodies", "Instruments", "Organism or Virus", "Protocols", "Reagents", "Research Supportability", "Services", and "Software".
- Resource Detail:** Provides detailed information for a specific resource, such as "29d-ALS (SOD1/L144F) induced pluripotent stem cell line". It includes reagent information, description, location, and source details.
- Navigation and Tools:** Includes a "SWEET Semantic Web Entry & Editing Tool" and a "Watch the tutorial" section.
- Advanced Search:** A detailed search interface for "Induced Pluripotent Stem Cell Search" with filters for "Diagnosed Disease", "Subject Age at Diagnosis", "Genetic Alterations", "Ethnicity", "Sex", "Part of Collection", "Induction Method", and "Type of QC".