

Georgetown University
Medical Center
Dept. of Biochemistry and Molecular & Cellular Biology
BINF-6970-01: Databased for Bioinformatics
Spring 2024
Project IV

In this project, you need to implement some UniProt queries listed in project III using REST APIs and JavaScript.

Implement the following queries using JavaScript Fetch:

- 1.1. Give a "Selector" statement to list all proteins with "proteinExistence" having "Predicted" values.
- 1.2. List only proteins that have genes listed.
- 1.3. List the proteins and their associated genes of all proteins with "RecommendedName":

Implement the following queries using REST APIs:

- 1.1. Give a "Selector" statement to list all proteins with "proteinExistence" having "Predicted" values.
- 1.2. List only proteins that have genes listed.
- 1.3. List the proteins and their associated genes of all proteins with "RecommendedName":
- 1.4. List of proteins that are associated with a gene name starting with "H"