## Honig Lab

RRID:SCR_003410
Type: Tool

## Proper Citation

Honig Lab (RRID:SCR_003410)

## Resource Information

**URL:** http://wiki.c2b2.columbia.edu/honiglab_public/index.php/Main_Page

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**Description:** Laboratory portal, including software, web-based tools, databases and data sets, related to their research that focuses on the development and application of biophysical and bioinformatics methods aimed at understanding the structural and energetic origins of protein-protein, protein-nucleic acid, and protein-membrane interactions. Their work includes fundamental theoretical research, the development of software tools, and applications to problems of biological importance. In this regard they maintain an active collaborative computational and experimental research program on the molecular basis of cell-cell adhesion. Other problems of current interest include protein structure prediction, the organization of protein sequence/structure space, the prediction of protein function based on protein structure, the structural origins of specificity in protein-DNA interactions, RNA function and, more generally, the electrostatic properties of biological macromolecules.

**Abbreviations:** Honig Lab

**Synonyms:** Honig Laboratory

**Resource Type:** organization portal, data or information resource, laboratory portal, software resource, service resource, portal, analysis service resource, data analysis service, data set, production service resource, database

**Keywords:** electrostatic, function, adhesion, analysis, biological, biophysical, cell, dna, interaction, macromolecule, membrane, nucleic acid, protein, rna, sequence, specificity, structural, structure, protein structure, protein, protein-protein interaction, protein-nucleic acid interaction, protein-membrane interaction

**Funding:**

**Resource Name:** Honig Lab

**Resource ID:** SCR_003410

**Alternate IDs:** nif-0000-33026

**Record Creation Time:** 20220129T080218+0000

**Record Last Update:** 20250412T054831+0000

## Ratings and Alerts

No rating or validation information has been found for Honig Lab.

No alerts have been found for Honig Lab.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We have not found any literature mentions for this resource.