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<b>Job Title</b>	Postdoc Position in Computational Chemistry
<b>PVN ID</b>	BA-2305-005629
<b>Category</b>	Research
<b>Location</b>	BARUCH COLLEGE
<b>Department</b>	
<b>Status</b>	Full Time
<b>Annual Salary</b>	\$56,000.00 - \$60,000.00
<b>Hour(s) a Week</b>	35
<b>Closing Date</b>	Jul 19, 2023 (Or Until Filled)

## General Description

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One postdoctoral fellow in computational chemistry is available immediately at the Department of Natural Sciences at Baruch College, the City University of New York (CUNY). The initial appointment is 1 year, and could be extended to 3 years upon mutual agreements. You will be primarily contributing to therapeutic peptide design by means of fundamental studies on protein-peptide interactions. A variety of computational approaches will be employed, including but not limited to, atomistic simulations, MARTINI coarse-grained simulations, and machine learning.

Baruch College is located in midtown Manhattan and easily reached from the other towns of the New York City/State and New Jersey by public transportation and car. CUNY provides a diverse range of research institutions and collaborators. CUNY is also strongly committed to a diverse work environment.

### Your profile:

The successful candidate is expected to have solid experiences and skills in computational biophysics, physical chemistry, MD simulations, machine learning, coding in Linux OS, and high-performance computing. The candidate is expected to be familiar Gromacs package and python language. Moreover, a strong interest in interdisciplinary research and collaboration with experimental groups is desired. You must hold a PhD or equivalent degree in chemistry or a related field.

### What we offer:

- We offer a full-time appointment as a postdoctoral fellow for 1 year (with possible extension to 3 years upon mutual agreement).
- The position is open immediately.
- We are offering a competitive scholarship for your stay in the NY area
- CUNY offers competitive benefits covering health insurance, pension and retirement benefits, paid parental leave, and savings programs.

## How to Apply:

Please submit your application including cover letter (background and motivation), CV (education, experience, computational skills, and publication list), two letters of recommendation, and transcripts.

## Other Duties

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- Publish peer-reviewed papers
- Attend related conferences
- Aid professor in supervising undergraduates and/or graduates

## Qualifications

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The successful candidate is expected to have proven experiences in protein interactions using computational approaches of atomistic/coarse-grained simulations and/or machine learning.