

# The American Society of Pharmacognosy

<https://www.pharmacognosy.us/job/postdoctoral-researcher-nci/>

## Postdoctoral Researcher- Molecular Targets Program, NCI

### Description

The Molecular Targets Program (MTP) of the National Cancer Institute's Center for Cancer Research (NCI's CCR) has postdoctoral positions available in its Protein Chemistry and Molecular Biology Section (PCMB). The PCMB uses its expertise in protein chemistry, biophysics, enzymology, molecular biology and screening to adapt CCR basic science laboratory findings into high throughput, cell-free screens for the interrogation of pure compound and pre-fractionated natural product libraries. In addition, we use these same skills to discover and characterize novel bioactive proteins from natural product extracts that increase our knowledge of protein structure and function, address diseases and molecular targets of interest, and potentially lead to clinical development. The position is for a researcher with experience in molecular biology and protein chemistry. Applicants should have experience in the genetic engineering of proteins and their expression and purification from *E. coli*. In addition, experience in the isolation, physical and functional characterization of proteins is desired. The successful candidate will engage in efforts to isolate and engineer new bioactive proteins and peptides with activity against cancer and viral pathogens. The position is located at the NCI at Frederick, Maryland campus. Candidates must have a Ph.D. in biochemistry, cell/molecular biology, pharmacognosy or a related discipline from an accredited research institution within the last three years. The fellowship duration is for a maximum of 5 years based on performance and yearly evaluations. The fellowship is not restricted to U.S. citizens. The fellowship stipend starts at \$59,900 per annum and is determined based on qualifications and years of relevant experience. Applicants should submit a cover letter, CV with bibliography, and three letters of reference to [MTP\\_PostDoc@nih.gov](mailto:MTP_PostDoc@nih.gov) or directly to Dr. Barry R. O'Keefe at [okeefeba@mail.nih.gov](mailto:okeefeba@mail.nih.gov). More information about the Molecular Targets Program is available here: <https://ccr.cancer.gov/molecular-targets-program>. This position is subject to a background investigation. The NIH is dedicated

### Hiring organization

Molecular Targets Program, Center for Cancer Research, NCI, NIH

### Employment Type

Full-time

### Job Location

Frederick, Maryland

### Date posted

November 9, 2021

### Valid through

30.01.2022

to building a diverse community in its training and employment programs; underrepresented minority candidates are encouraged to apply. DHHS, NIH, and NCI are Equal Opportunity Employers

### **Responsibilities**

The successful candidate will engage in efforts to isolate and engineer new bioactive proteins and peptides with activity against cancer and viral pathogens.

### **Qualifications**

Candidates must have a Ph.D. in biochemistry, cell/molecular biology, pharmacognosy or a related discipline from an accredited research institution within the last three years.

### **Contacts**

Dr. Barry R. O'Keefe at [okeefeba@mail.nih.gov](mailto:okeefeba@mail.nih.gov)