
Job Title	RESEARCH ASSOCIATE (Postdoctoral Level)
PVN ID	BK-2010-003744
Category	Research
Location	BROOKLYN COLLEGE
Department	Chemistry
Status	Full Time
Annual Salary	\$45,000.00 - \$55,000.00
Hour(s) a Week	35
Closing Date	Dec 20, 2020 (Or Until Filled)

General Description

Conduct research in the development of peptidomimetic molecules targeting epigenetic molecular mechanisms linked to cancer development and progression; develop novel synthetic methods for the preparation of such molecules and their biological characterization. The candidate will play a key role in the development of our laboratory drug discovery efforts and is expected to mentor both graduate and undergraduate students. We are looking for a passionate, highly motivated, hardworking and experienced individual who can contribute and grow our research program. See some recent publications of our lab at:

https://www.brooklyn.cuny.edu/web/academics/faculty/faculty_profile.jsp?faculty=1155.

Given the interdisciplinary nature of our research we also expect the candidate to be experienced in drug design, synthetic chemistry and biological assays for the characterization of our compounds. Some relevant experience in cancer research and in epigenetics is highly desired. The candidates are anticipated to be creative thinker and doer working in a team culture, skilled in both verbal and written communication, data organization and presentation of scientific data, and preparing manuscripts for referred journal publications and patent inventions. This opportunity will support career growth (assistance to Conferences, mentoring, part of time spent at collaborating institutions in NYC) and will encompass participation in weekly group seminars, and potentially grant writing.

The candidates are anticipated to be creative thinker and doer working in a Team culture, are expected to be a team player, skilled in both verbal and written communication, data organization and presentation of scientific data, and preparing manuscripts for referred journal publications and patent inventions. Strong bench execution experience and discipline are required for this job.

Other Duties

- training and supervising undergraduate and graduate students

- helping in the maintenance of instrumentation and laboratories belonging to the group (managing order in the lab, cleanliness of working spaces, safety issues assisted by students)
- submit weekly and monthly reports, present work in group meetings, prepare drafts for publications.

Qualifications

Background in solid phase peptide synthesis and solution phase organic synthesis. Extensive hands-on experience in high-performance liquid chromatography (HPLC), Mass Spectrometry (LC-MS), and analytical techniques used in biochemistry and cell and molecular biology including: binding/inhibition assays, western blotting, gel electrophoresis, confocal microscopy, circular dichroism and mammalian cell culture. Proficiency in English and PhD finished at the time of applying for the job a must. Strong bench execution experience and discipline are also required for this job. *Members of traditionally underrepresented groups are strongly encouraged to apply.*