
Job Title	Postdoctoral Researcher, Braunschweig Lab
PVN ID	RC-1904-003065
Category	Research
Location	CUNY-ADVANCED SCIENCE RESEARCH CENTER
Department	Nanoscience Initiative
Status	Full Time
Salary	Depends on qualifications
Hour(s) a Week	35
Closing Date	Oct 06, 2020 (Or Until Filled)

General Description

GENERAL DUTIES

Conducts academic research in connection with CUNY programs; may assist faculty, staff, and students in conducting research and lead research efforts involving others.

- Develops research plans and proposals and participates in acquiring funding
- Collects, analyzes, and assures validity of data
- Writes progress reports; writes and publishes findings
- Collaborates with internal and external colleagues
- Adheres to standards for safety and hygiene and ethical conduct as defined by the University and relevant outside parties

CAMPUS SPECIFIC INFORMATION

The City University of New York's newest facility, the Advanced Science Research Center (ASRC) builds on the success of the University's rich past, and the determination to become a national leader in visionary scientific research in the future. With a focus in the fields of Nanotechnology, Photonics, Structural Biology, Neuroscience, and Environmental Sciences, the ASRC operates as a nucleus of a University-wide science enterprise, fostering the development of an integrated research network that brings together faculty, students, and post-doctoral fellows from CUNY's colleges across the five boroughs. This state-of-the-art, world-class facility houses a staff of elite scientists and leaders who will seek to break down the walls between disparate but increasingly inter-related disciplines of applied science. To learn more about the ASRC and Braunschweig Group visit www.asrc.cuny.edu and Braunschweiggroup.org

The Braunschweig Laboratory in the Nanoscience Initiative at the ASRC leverages organic chemistry, polymer chemistry, and nanoscience to address energy, health, and environmental challenges. The Braunschweig

Group seeks researchers with expertise in organic chemistry and polymer synthesis. Alternatively, the applicant should have knowledge of the characterization of glycoproteins using HPLC-MS methods.

Key responsibilities include, but are not limited to: Synthesis and characterization of glycopolymers and glycoproteins. – Mentors trains graduate students. – Coordinates collaborations. – Writes manuscripts for publication in peer-reviewed journals and assists in composing grant proposals to external funding agencies.

Other Duties

Qualifications

MINIMUM QUALIFICATIONS

Doctoral Degree in a related field and demonstrated research ability.

OTHER QUALIFICATIONS

- Ph.D. degree in chemistry, Biochemistry, materials science/engineering or related fields preferred.
- Experience in and well-rounded scientific background on polymers in solution or on surfaces (brush polymers).
- Good working knowledge of HPLC-MS, including sample preparation and analytical techniques.
- Desired skills in problem solving, execution of scientific research, technical writing, and oral presentation.
- Highly motivated with an ability to work independently and in teams.
- Demonstrated ability to prioritize and work to meet tight deadlines.
- Strong attention to detail and good communication skills are essential.