
Job Title	Postdoctoral Research Associate
PVN ID	CC-1809-002708
Category	Research
Location	The CITY COLLEGE of NEW YORK
Department	Chemistry & Biochemistry
Status	Full Time
Salary	Depends on qualifications
Hour(s) a Week	35
Closing Date	Oct 19, 2018 (Or Until Filled)

General Description

We are seeking a Postdoctoral Research Scientist to investigate the molecular structure and biosynthesis of insoluble biopolymers involved in (a) deposition of melanin pigments within fungal cell walls and (b) protection of plants from desiccation and pathogenic attack. This NIH-funded position requires a Ph.D. in chemistry or biochemistry, with experience in the following prioritized areas: high-resolution solid and solution-state NMR, purification of cellular materials, design of bio-inspired polymeric materials. Also required are strong oral and written communication skills; self-motivation; technical troubleshooting aptitude; cooperative working style. Submit an application electronically to Dr. Ruth E. Stark, rstark@ccny.cuny.edu.

The City College of New York (CCNY) houses CUNY's Macromolecular Assemblies Institute and hosts the world-class New York Structural Biology Center (NYSBC) on its campus. In 2015 our Biochemistry/Biophysics/Biodesign (B³) cluster moved to a new CCNY interdisciplinary science building adjoining the university's Advanced Science Research Center (ASRC). CUNY's research community includes several hundred chemists, biologists, physicists, medical researchers, and engineers who interact within a university network of 24 colleges and professional schools. Located in the historic Hamilton Heights – Sugar Hill section of upper Manhattan, CCNY is accessible by major subway and bus lines within the metropolitan New York area. Fringe benefits for this position include health insurance, life insurance, and a retirement account.

The Stark research group makes extensive use of a 4-channel Agilent/Varian DirectDrive2 NMR spectrometer for solids and liquids (600 MHz) and has shared access to new Bruker NMR spectrometers (600, 700, 800 MHz) at the CUNY ASRC. Excellent Bruker NMR (500-900 MHz, liquids and solids) and 600 MHz DNP facilities are available on a rotating basis at the nearby NYSBC.

The City University of New York is an AA/EO/ADA Employer.

Other Duties

Mentoring of undergraduate and graduate student trainees.

Qualifications
