



## Postdoctoral Position City University of New York (CUNY) Institute for Macromolecular Assemblies



We are seeking a Postdoctoral Research Scientist to investigate the **molecular structure and biosynthesis of insoluble biopolymers involved in melanization of fungal cell walls**. 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, synthesis of bio-inspired pigments. Also required are strong oral and written communication skills; self-motivation; technical troubleshooting; cooperative working style. [Submit an application electronically to Dr. Ruth E. Stark, rstark@ccny.cuny.edu](mailto: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 ( $B^3$ ) cluster moved to a new CCNY interdisciplinary science building adjacent to the university's Advanced Science Research Center (ASRC). CUNY's research community includes several hundred chemists, biologists, physicists, medical researchers, and both chemical and bioengineers 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/EQ/ADA Employer.*