

Current Opening: **Synchrotron Macromolecular Crystallographer at IMCA-CAT**

The Industrial Macromolecular Crystallography Association - Collaborative Access Team (IMCA-CAT) and the Hauptman-Woodward Medical Research Institute (HWI) seek an inventive macromolecular crystallographer to join the IMCA-CAT team in accelerating pharmaceutical drug discovery through synchrotron-based structural biology research. The IMCA consortium which funds and provides strategic guidance to IMCA-CAT consists of AbbVie, Bristol Myers Squibb, Janssen, Merck, Novartis, Pfizer, and Relay Therapeutics. As an employee of HWI, you will be based at the center of the team's operations at the Advanced Photon Source (APS), Argonne National Laboratory, near Chicago, IL. This is an ideal position for a motivated scientist who is passionate about delivering strategic value, developing new technologies, and working in a high-powered, collaborative environment.

POSITION DESCRIPTION:

This is an exciting time to join IMCA-CAT. Underway are significant upgrades of our beamline to profoundly increase capacity and dramatically expand capability for challenging research projects. As a member of the IMCA-CAT team, you will be an integral part of these upgrade activities, participate in maintaining the flow of diffraction data for pharmaceutical research projects throughout the upgrade and beyond, and contribute to innovative developments that expand the experiment envelope. You will work closely with IMCA-CAT colleagues in an inclusive and respectful environment, and will be expected to take initiative and contribute to the team effort.

On any given day, you will do one or more of these things:

- Ensure beamline produces data of the highest quality.
- Conduct x-ray diffraction experiments in support of drug discovery research efforts at both IMCA-CAT and a growing portfolio of synchrotron sources.
- Develop and expand the structural biology programs for pharmaceutical structure-based drug design.
- Contribute to development and implementation of technologies that expand the experiment envelope.
- Establish efficient protocols for accelerating data acquisition while enhancing data security.
- Collaboratively develop automated methods for acquiring quality data from challenging samples.
- Engage in the technical development of new strategies for ultra-high throughput.
- Collaborate with team on strategically-aligned research and development projects.
- Communicate with researchers and present at meetings.

DESIRED SKILLS and EXPERIENCE:

- PhD in a relevant field with expertise in structural biology and/or macromolecular crystallography.
- Outstanding experimental skills and strong technical skills.
- Highly collaborative and team-oriented approach to conducting work and solving problems.
- Excellent written and oral communication skills.
- Deeply proactive approach to meeting and exceeding goals.
- Ability to meet requirements for site access to Argonne National Laboratory.

TO APPLY:

Send cover letter, CV, and contact information (name and email) for three references to Lisa Keefe, PhD, Executive Director of IMCA-CAT and Vice President of Advancing Therapeutics at HWI, at keefe@imca-cat.org.

LEARN MORE:

Visit our websites to learn more about IMCA-CAT (www.imca-cat.org) and HWI (hwi.buffalo.edu).

The compensation level for this full-time position will be competitive and commensurate with the candidate's qualifications. HWI provides a generous benefits package. HWI is an equal opportunity employer and is committed to creating a diverse and inclusive environment for all employees.