

Postdoctoral Fellow in Cancer Drug Discovery (Structural and Chemical Biology)

The Schönbrunn lab in the department of Drug Discovery at the Moffitt Cancer Center is seeking to hire a highly motivated postdoctoral fellow to work on structural studies of diverse proteins involved in cancer cell signaling and epigenetics. Our lab is pursuing multidisciplinary projects in collaboration with medicinal chemists, biologists and clinicians aimed at the development of novel inhibitors and small molecule degraders as chemical probes and potential therapeutics. The position provides opportunities in drug discovery and chemical biology methodology including the structural, biochemical, and cell-based characterization of drug-target interactions. For an overview of our research visit our web site at <https://lab.moffitt.org/schonbrunn/>.

Position Highlight:

Join an interdisciplinary team to develop new agents with novel mechanisms of action using structural, computational, biochemical, and cell-based methods.

The Ideal Candidate:

- Successful candidates have a strong background in structural biology and biochemistry with a keen interest in drug discovery research.
- Prior experience is required with some of the following techniques, but applicants with related skill sets are encouraged to apply
 - Protein crystallography or cryo-electron microscopy
 - Large scale protein expression and purification using insect and/or mammalian cell cultures
 - Molecular and cell biology
 - Biochemical and/or cell-based assay development
 - Computational predictive modeling and/or data analytics
- Excellent oral and written communication skills are required.

Responsibilities:

- Performing investigational studies of protein-inhibitor and protein-protein complexes using structural and biochemical techniques
- Designing and performing experiments independently and analyzing data.
- Participate in data interpretation and crafting of manuscripts for publication.

Credentials and Qualifications:

PhD in structural biology, chemical biology, biochemistry, cell biology, chemistry or related field.

Moffitt is the only Florida cancer center to receive the National Cancer Institute comprehensive designation for its scientific excellence and offers unique opportunities for interdisciplinary collaborations at the forefront of finding new cancer cures.

How to Apply:

Interested applicants should include a single PDF file by email that includes:

- a cover letter outlining the candidate's motivation and suitability
- a summary of research accomplishments (4 pages maximum)
- current CV with recent publications and contact information for three references

For questions regarding this opportunity, please contact Dr. Ernst Schonbrunn via email – ernst.schonbrunn@moffitt.org.

Moffitt Postdocs are provided free employee-only Medical and eligible for Dental, Vision, Paid Time Off, Retirement, Parental Leave and more. With a move to Tampa, you may be eligible for relocation allowance per

policy. Reason to relocate, aside from the sunshine, beaches and year-round outdoor recreation associated with the Gulf Coast of Florida, Tampa is a thriving metropolitan city with unique cultural attractions, low cost of living and a high quality of life. We strive for work/life balance.

**If you have the vision, passion, and dedication to contribute to our mission,
then we have a place for you.**

Equal Employment Opportunity

Moffitt is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, or protected veteran or disabled status. Moffitt seeks candidates whose skills, and personal and professional experience, have prepared them to contribute to our commitment to diversity and excellence.