



Prof. Rudi Fasan
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Postdoctoral Position Announcement - Peptide Chemistry

Fasan group

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The Fasan Group in the Department of Chemistry and Biochemistry at the University of Texas at Dallas has one or more postdoctoral positions available for highly motivated candidates who are interested in working on projects related to the design, synthesis, evolution and characterization of macrocyclic peptides for targeting therapeutically relevant protein-protein interactions and RNA molecules.

The ideal candidate has a PhD in Chemistry or related area, and demonstrated expertise and multi-year experience in peptide/peptidomimetic chemistry. Experience with in vitro and cell-based activity assays and/or biophysical methods for characterization of biomolecular interactions (e.g., SPR, ITC, fluorescence spectroscopy) is desirable, but not essential. Experience in peptide structure determination by NMR is a plus. Effective communication, problem-solving, and multi-tasking skills are mandatory and evidence of previous research productivity is highly desirable.

Interested applicants should submit a cover letter, complete CV, and contact information of three references to **Prof. Rudi Fasan** (rfasan@ur.rochester.edu or rudi.fasan@utdallas.edu). More information about the group and research of the Fasan lab can be found at <http://chem.chem.rochester.edu/~rfgrp/index.php>. Review of applications will begin immediately and continue until the position is filled.

Starting from July 2023, the Fasan lab will transfer to the Natural Science and Engineering Research Laboratory (NSERL) building at UT Dallas (<https://research.utdallas.edu/researchers/facilities/nserl>). Research in the Fasan group is supported by a multi-million dollar grant from the Cancer Prevention and Research Institute of Texas (CPRIT) and the Welch Foundation, along with grants from the NIH, NSF, and contracts with industrial collaborators. Because of the major resources available to the Fasan lab and excellent facilities at UTD and nearby UT Southwestern Medical Center (UTSW), new students joining the Fasan group should expect to join a highly dynamic and driven group of researchers engaged in interdisciplinary research at the chemistry-biology interface and to work in a modern lab equipped with state-of-the-art instrumentations for high-throughput experimentation (HTE/HTS), synthetic and analytical chemistry (HPLC-MS, GC-MS, SFC), and protein engineering/molecular biology. Research projects in the Fasan lab involve multiple collaborations with groups at UTD, UTSW, and other institutions.

The University of Texas at Dallas is an equal opportunity employer and is committed to providing an educational, living and working environment that is welcoming, respectful and inclusive of all members of the university community, regardless of their race, color, religion, sexual orientation, gender identity, gender expression, national origin, age, disability, genetic information, or veteran status. Visit <https://institutional-initiatives.utdallas.edu/> for more information.