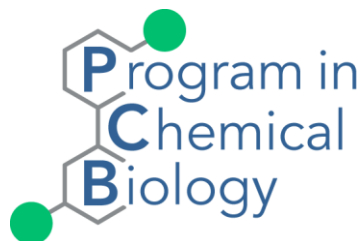


## Program in Chemical Biology

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The Program in Chemical Biology (PCB) provides resources in structure-based drug design, protein production, and organic synthesis to the MCW community for chemical biology and medicinal chemistry projects. The PCB is a valuable resource for faculty throughout the MCW research environment, supporting projects from the departments of Biochemistry, Biophysics, Cell Biology, Medicine, Microbiology and Immunology, Pharmacology and Toxicology, and Pediatrics. Collaborating centers and programs include the Cardiovascular Center, Cancer Center, Center for Infectious Disease Research, Genomic Sciences & Precision Medicine Center, National Biomedical EPR Center,

Neuroscience Research Center, Research Computing Center, and Redox Biology Program. Different focus groups within the PCB meet weekly to discuss the progress of active projects and evaluate new collaborative opportunities. The PCB encourages investigators interested in the development and use of small molecules for basic and translational research to take advantage of its capabilities which include:

- Small-molecule library screening using NMR and other biophysical techniques
- Recombinant protein expression and purification
- Organic synthesis
- Computational docking and homology modeling of proteins and small-molecule:protein interactions

### **For more information or discussion contact:**

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