

Fourth Debra Dolliver Memorial Lecture

Meet the Speaker: Prof. Timothy Snowden The University of Alabama

Title: *Expanding the Jovic Reaction and Discovering DOT1L Inhibitors*



Prof. Snowden received his PhD from the university of Texas at Austin, and after a NIH Postdoctoral Fellowship at the University of Pennsylvania, he joined the Department of Chemistry and Biochemistry at the University of Alabama.

His research program is specialized in the development of sequential carbon-carbon bond-forming reactions to generate complex natural products. Prof. Snowden's lab is specialized in the preparation of C-glycosides, which are known inhibitors of carbohydrate processing enzymes (e.g., glycosidases) involved in diseases such as HIV, diabetes, and cancer. Some examples of such compounds include spongistatin, halichondrin B, brevetoxins, palytoxin.