

## 2023-2024 POCC Lecture Series

### The Allan Day Award Lecture:

Jan 18, 2024, 7:30 PM

**Prof. John Wood**

Baylor University

*Recent Efforts in the Synthesis of Complex Natural Products*

IN PERSON @:

Carolyn Hoff Lynch Lecture Hall Chemistry Building,  
University of Pennsylvania

6:30 Reception in the Nobel Hall

Food and drinks to be provided!

The Philadelphia Organic  
Chemist's Club



[POCClub.org](http://POCClub.org)

with support from [ADSE](http://ADSE)

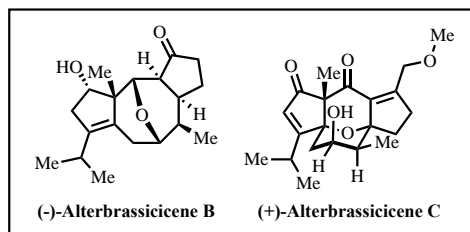


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**Abstract:** Recent efforts in our laboratories have been focused on developing syntheses for several fusicoccane diterpenoids and have culminated in a completed synthesis of (+)-alterbrassicene C. The evolution of our synthetic approach to this natural product and efforts to extend this strategy to the related congener (-)-alterbrassicene B will be described.



**Bio:** John L. Wood was born on December 4, 1961 in Keokuk Iowa. He received a B.A. degree from the University of Colorado in 1985 and a Ph.D. from the University of Pennsylvania in 1991 under the direction of Amos B. Smith, III. In 1991 he moved to Harvard University as an American Cancer Society postdoctoral fellow and continued studying natural products synthesis in the laboratories of Stuart Schreiber. He joined the faculty at Yale University in 1993 as an Assistant Professor and was promoted to Full Professor in 1998. In 2006, Professor Wood joined the faculty at Colorado State University as the Albert I. Meyers Professor of Chemistry and in 2013 moved to Baylor University as the Robert A. Welch Distinguished Professor of Chemistry. The major focus of Professor Wood's research is synthetic organic chemistry. Of primary emphasis is the design of innovative solutions to problems in natural product synthesis. In choosing targets for synthesis, Wood gives equal emphasis to structural complexity and biological activity. Giving complexity a high priority and pursuing targets with no obvious solution for synthesis ensures innovation in the synthetic design. Preparing targets of biological interests adds value to the research by providing access to compounds of potential utility to investigations outside the traditional realm of chemistry.