

**SHKU**
ScienceFACULTY OF SCIENCE
THE UNIVERSITY OF HONG KONG
香港大學理學院**HKU SCIENCE**
Distinguished
Lectures

New Strategies and Tactics in Natural Products Synthesis



Professor Erick M. Carreira

Department of Chemistry and Applied Biosciences,
ETH-Zürich, Zürich, Switzerland



November 29, 2023 (Wed)



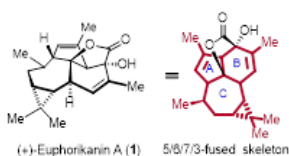
11:30 am – 12:30 pm



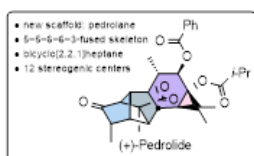
CYP-P3, LG1/F, Chong Yuet Ming Physics Building, HKU

Abstract

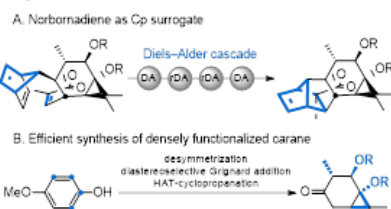
The presentation will include discussion and analysis of recent natural product targets that have been synthesized in the group. It will focus on target-oriented synthesis as an engine for the generation of novel methods and approaches to bioactive agents. The methods involve novel, unexpected reactivity and unusual building blocks that are fully integrated to lead to efficient routes. We will focus specifically two recently completed syntheses of (+)-Euphorikanin A and (+)-Pedrolide.



Key Transformations



Key transformations



Biography

Professor Carreira obtained his B.S. degree in 1984 from the University of Illinois at Urbana-Champaign and a Ph.D. degree in 1990 from Harvard University. After carrying out postdoctoral work at the California Institute of Technology through late 1992, he joined the faculty at the same institution as an assistant professor of chemistry and subsequently was promoted to the rank of associate professor of chemistry in the Spring of 1996, and full Professor in Spring 1997. He then moved to ETH Zürich, Switzerland as a Full Professor at the Organic Chemistry Laboratory in 1998. Professor Carreira is a Member of both the U.S. National Academy of Sciences and the American Academy of Arts and Sciences. He is the recipient of the American Chemical Society (ACS) Award in Pure Chemistry, Nobel Laureate Signature Award, Fresenius Award, ACS Award for Creative Work in Synthetic Organic Chemistry, among many others. In 2019, he was appointed as the Editor-in-Chief of *Organic Letters*, where he had previously served as an Associate Editor for 18 years. Starting in 2021, he serves as the Editor-in-Chief of the *Journal of the American Chemical Society*.



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