
PPS RESEARCH SYMPOSIUM

New Generation Opioids: Medicinal Chemistry and Pharmacology

Jeff Aubé, Ph.D.

Eshelman Distinguished Professor,
Division of Chemical Biology and Medicinal
Chemistry, University of North Carolina

August 10, 2017

11:00 - 11:40 a.m.

Rockwell Pavilion, MD Anderson Library



Jeff Aubé was raised in Connecticut and south Florida. He attended the University of Miami, where he did undergraduate research with Professor Robert Gawley (with whom he later co-authored the graduate text "Principles of Asymmetric Synthesis," currently in its second edition). He received his Ph.D. in chemistry in 1984 from Duke University, working with Professor Steven Baldwin, and was an NIH postdoctoral fellow at Yale University with Professor Samuel Danishefsky. From 1986 until 2015, he held a faculty position in the Department of Medicinal Chemistry at the University of Kansas. In 2015, he retired from KU and moved to the University of North Carolina, where he is an Eshelman Distinguished Professor in the Division of Chemical Biology and Medicinal Chemistry. In addition to holding a joint appointment in the Department of Chemistry, Aubé is a member of the Center for Integrative Chemical Biology and Drug Discovery and the Lineberger Cancer Center.

Aubé's research interests lie in the chemistry of heterocyclic compounds and their applications to problems in medicinal organic chemistry. The lab's interests in bioorganic chemistry include collaborations in the area of opioid pharmacology (with Laura Bohn), steroid biosynthesis inhibitors (with Emily Scott), and in the discovery of anti-Mtb agents (with Carl Nathan). Aubé served as the principal investigator of the Chemical Methodology and Library Development Center program at Kansas as well as a specialized chemistry lab in the NIH's Molecular Libraries Initiative.

Aubé has been honored for his research and scholarship by his receipt of awards from the American Chemical Society (including the Arthur C. Cope Scholar Award and the Midwest Award, bestowed by the St. Louis Section of the ACS) and for teaching (including the university-wide HOPE Award and the Kemper Fellowship for Teaching Excellence at KU). He is a fellow of both the American Association for the Advancement of Science and the American Chemical Society.

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