



Nicholas H. Oberlies, Ph.D.
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Nicholas H. Oberlies, Ph.D. received his B.S. in Chemistry from Miami University (Oxford, Ohio) in 1992 and his Ph.D. in Medicinal Chemistry and Pharmacognosy from Purdue University (West Lafayette, Indiana) in 1997, where he studied under Professor Jerry L. McLaughlin. He then spent a year as a postdoctoral chemist at American Cyanamid (Princeton, New Jersey), where he investigated leads with insecticidal, herbicidal, and fungicidal properties from natural sources. In 1998, he joined the Natural Products Laboratory at Research Triangle Institute (RTI) in North Carolina, specifically to be mentored by Dr. Mansukh C. Wani and the now late, Dr. Monroe E. Wall, who are most well known as the co-discoverers of taxol and camptothecin. He rose progressively through the ranks of RTI and eventually directed the Natural Products Laboratory. In 2009, he re-located his research group to the Department of Chemistry and Biochemistry at the University of North Carolina at Greensboro. He leads a multidisciplinary effort to identify, isolate, and characterize new drug entities from natural sources, such as plants, fungi, and bacteria. His lab also examines herbal drugs, especially for the development of reference standards.

There are several actively-funded projects being conducted concomitantly in his laboratories, all of which are supported by various institutes within the National Institutes of Health, including the National Cancer Institute and the National Institute of General Medical Sciences. Current projects in the realm of natural products drug discovery are focused on discovering anticancer leads from filamentous fungi collected from all over the world. Current projects in the herbal drug arena are focused on the development of reference standards and study materials for investigating the chemopreventive properties of milk thistle (*Silybum marianum*) and the evaluation of potential drug-diet interactions via the consumption of cranberry juice (*Vaccinium marccarpon*). All of these projects include close collaboration with a team of multidisciplinary investigators with diverse areas of expertise, such as metabolism, in vitro and in vivo pharmacology, and mycology. More information about his research group can be found here: <http://www.uncg.edu/che/faculty/NicholasOberlies.html>.

Dr. Oberlies has received several awards that speak to his accomplishments. In particular, he was honored in 2005 with the Matt Suffness Young Investigator Award from the American Society of Pharmacognosy, their highest distinction for young scientists. He was recognized in 2004 by the Triangle Business Journal with their 40 under 40 Leadership Award, which honors accomplishments both in business and in the community. Dr. Oberlies has published over 40 peer reviewed manuscripts of original research, 8 reviews of the literature, and 7 book chapters.



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