



American Chemical Society Susquehanna Valley Section

OCTOBER 2013 NEWSLETTER

The four hundred and twelfth meeting of the American Chemical Society Susquehanna Valley Section will be held on ~~Thursday~~, **Wednesday**, October 16th, 2013 in Room 101 of the Stark Learning Center on the Wilkes University campus. The meeting will begin at 7:00 PM and will be followed by a reception. The speaker will be Dr. Samuel Danishefsky of Columbia University.

Catherine H. Bone Lecture in Chemistry

"Biologics by Chemical Synthesis"

Samuel Danishefsky
Centennial Professor of Chemistry
Columbia University

Dr. Samuel J. Danishefsky, Ph.D., serves as Centennial Professor of Chemistry at Columbia University, where he conducts research as well as at the Sloan-Kettering Cancer Center's molecular pharmacology and chemistry program. He is one of the world's pre-eminent medicinal chemists, recognized in particular for his work on the synthesis of anti-tumor agents derived from natural products. His work includes fundamental contributions to the field of chemistry as well as applied contributions in the areas of chemotherapy and vaccine development. Dr. Danishefsky has become the recognized international authority on the total synthesis of complex natural products. He has brought forth the most complex carbohydrate based anti-tumor vaccines which have ever been brought to clinical trial. Dr. Danishefsky has had a major influence on the pharmaceutical industry as a consultant, inventor, advisor, mentor and through his many students and post-doctoral fellows who now hold senior positions in the industry. He is widely recognized as a leader in the field of organic synthesis with particular emphasis in carbohydrate chemistry. He has a 40-year career in the synthetic chemistry of natural products. Dr. Danishefsky spent 14 years at Yale University, where he rose to the rank of Sterling Professor of Chemistry, the highest academic rank at Yale University, awarded to a tenured faculty member considered one of the best in his field. Dr. Danishefsky's accomplishments have been recognized with numerous awards and honors, including election to the National Academy of Sciences. From the American Chemical Society he received the Ernest Guenther Award, the Aldrich Award for creative work in organic synthesis, and an A. Cope Scholar Award. In 1997, Dr. Danishefsky received the Claude S. Hudson Award in Carbohydrate Chemistry from the American Chemical Society, in 1998 the Arthur C. Cope Medal, and in 1999 the Nichols Medal. He received the Ehrlich award from the French Pharmaceutical Society in 1998, National Academy of Science Award for Chemical Sciences in 2006, the Benjamin Franklin Medal in Chemistry from the Franklin Institute in Philadelphia (2006), the Bristol-Myers Squibb Distinguished Lifetime Achievement Award in Organic Synthesis (2006) and the Tetrahedron Prize in Chemistry in 1996. In 1996, Dr. Danishefsky shared the Wolf Prize in Chemistry with Professor Gilbert Stork. He was the 1997 Recipient of the Claude S. Hudson Award in Carbohydrate Chemistry from the American Chemical Society and also received the New York City Mayor's Award for Science and Technology. Dr. Danishefsky earned his BS degree from Yeshiva University and his Ph.D. in chemistry from Harvard University, and was a postdoctoral fellow at Columbia University.

DINNER:

Dinner will be in room 102 of the Cohen Science Center at 5:30 PM. It will be a buffet with a vegetarian option and dessert. The cost will be \$15 per person. Please RSVP to Mrs. Renee Chirico by email at renee.chirico@wilkes.edu by October 9th.

DIRECTIONS TO WILKES UNIVERSITY:

Directions:

Take I-81 to Route 309 North (Exit 170B, Old Exit 47B). Follow Route 309 North to Exit 3 (Plains/River Street) and make a left onto River Street at the traffic light at the bottom of the exit ramp. Immediately after turning left onto River Street you will encounter the first of 9 traffic lights. Both the Cohen Science Center and Stark Learning Center (designated with an arrow on the campus map below) are on River St. approximately mid-block between Northampton and South Streets.



Detailed directions and maps can be found at: <http://www.wilkes.edu/pages/273.asp>.

Section Web Page: <http://departments.kings.edu/SusquehannaValleyACS>
