

New Haven Section

VOLUME 22, NUMBER 1, March, 2005

March 16, 2005 – New Haven Section Meeting

Dr. Henry E. Auer, Proteus Patent Practice, LLC

will present

A Scientist's Introduction to Patent Practice

April 12, 2005 – New Haven Section Meeting

Dr. Tim Lowinger, Bayer Pharmaceutical

will present

**Discovery of BAY 43-9006 -- A Dual Acting RAF kinase and
VEGFR2 Inhibitor for the Treatment of Cancer**

March Meeting Details

April Meeting Details

Section Officers for 2005

Kirkwood Award
Message from the Chair
March Meeting
Wednesday March 16, 2005
Contrassegno Restaurant

Dr. Henry E. Auer

will present

A SCIENTIST'S INTRODUCTION TO PATENT PRACTICE

Contrassegno Restaurant
 4137 Whitney Avenue
 Hamden, CT
 (203) 248-3600

Social Hour: 6:00 p.m.
 Dinner: 7:00 p.m.
 Lecture: 8:00 p.m.



Abstract: This presentation introduces the field of patents to practicing research scientists, from the point of view of a practicing scientist. By way of introduction, we will consider the nature of scientific inquiry, and how it differs from technological research and development that may lead to patentable inventions. Next the statutory foundation of the patent system will be presented, and the notion of a patent as a type of property will be developed. Then we will discuss broadly the types of inventions that are patentable and the legal requirements for an application to be granted as an issued patent. Certain aspects of these requirements may be unfamiliar to a scientist engaged in research and development. We will examine how to understand a patent examiner's remarks that a practicing scientist is likely to

encounter during pendency of an application. This discussion rests critically on an understanding of the main parts of a patent document. Other topics to be presented include a discussion of a scientist's desire to publish the results of his/her work as opposed to a need for patentability to file a patent application, the logistics of the patent application process, and the notion of who qualifies to be an inventor. Finally, we will follow a patent application on a model path from the date of filing to the grant of an allowed patent.

Brief Biographical Sketch: Henry E. Auer, Ph.D., President of Proteus Patent Practice LLC, is a Registered Patent Agent, permitting him to represent clients with the U. S. Patent and Trademark Office (USPTO). His practice combines extensive biotechnology patent practice expertise with a wide-ranging background in the biological and chemical sciences. Prior to founding Proteus, Dr. Auer was Manager of

Patent Prosecution at CuraGen Corporation in Branford, CT. Dr. Auer earlier was a Patent Agent at Fitch, Even, Tabin & Flannery, and served as a Patent Examiner in the biotechnology group of the USPTO. Dr. Auer is a seasoned scientist with many years in research and development in the biotechnology industry. He worked on a sustained release system for protein pharmaceuticals, and on developing somatotropin for use in livestock. As a faculty member at the Medical College of Wisconsin and the University of Rochester School of Medicine, Dr. Auer's research focused primarily on protein and nucleic acid structure and function, and conformational stability and dynamics. Dr. Auer holds an A.B. in chemistry from Princeton University and a Ph.D. from Harvard University, and was a research fellow at the Weizmann Institute of Science and Cornell University.

Contrassegno Restaurant – Wednesday March 16, 2005

Entrée choices: New York Strip topped with butter garlic sauce
 Chicken Picatta
 Cajun Salmon topped with pesto cream sauce

Price:	ACS Members/Guests	\$25
	Teachers/Retirees/Unemployed/Students	\$20
Price includes tax and tip.		

All entrees are served with seasoned vegetables tossed in light butter and garlic, risotto melanese, bread and butter, house salad, dessert choice of Kahlua cake or New York cheese cake, and coffee, tea or decaf.

Please make your reservation by contacting **Dennis Jakiela** by **Tuesday March 15, 2005**, at (203) 375-1137 or e-mail to: djakiela@hampfordresearch.com. Please leave your name, telephone number, dinner choice and number of reservations desired. Cancellations must be made 24 hours prior to the meeting or you may be charged for dinner.

You may also attend the lecture without the dinner. Please notify Dennis Jakiela so he can keep the count of number of attendees, and arrive at the restaurant by 8:00 PM when the presentation will normally begin.

Directions to Contrassegno Restaurant in Hamden

From Route 15 North (Wilbur Cross Parkway):

Take Exit 61, Whitney Ave., toward Hamden. Turn right onto Whitney Avenue (Route 10). Contrassegno Restaurant is about 4.5 miles on the right.

From Route 15 South (Wilbur Cross Parkway):

Take Exit 61, Whitney Ave., toward Hamden. Turn left onto Whitney Avenue (Route 10). Contrassegno Restaurant is about 4.5 miles on the right

From I-95 North or I-95 South:

Take Exit 10. Merge onto Route 40, Westbound. Turn right onto Whitney Avenue (Route 10) at the end of Route 40. Contrassegno Restaurant is about 3 miles on the right

AD SPACE Available in the Newsletter

The Ad Guidelines are as follows: Situations-wanted by New Haven Section member - **No Charge**. Non-members **\$20 for four lines**. Want Ads are **\$40 for a 4-line ad** or **\$85 for a full-page (4 x 8 inch)**.

April Meeting
Tuesday April 12, 2005

Brazi's Restaurant

Dr. Tim Lowinger

will present

Discovery of BAY 43-9006 -- A Dual Acting RAF kinase and VEGFR2 Inhibitor for the Treatment of Cancer

Brazi's Restaurant
201 Food Terminal Plaza
New Haven, CT 06511
(203) 498-2488
website: www.brazis.com

Social Hour: 6:00 p.m.
Dinner: 7:00 p.m.
Lecture: 8:00 p.m.

Abstract: Bay 43-9006 is a novel, dual-acting signal transduction inhibitor currently in Phase III clinical trials for the treatment of cancer. Bay 43-9006 was discovered as a collaborative effort between scientists at Bayer's West Haven research center, together with scientists at Onyx Pharmaceuticals in Richmond, CA. The drug discovery effort from target selection through lead-finding, lead generation, and lead optimization will be presented, and initial results from clinical trials will also be discussed.

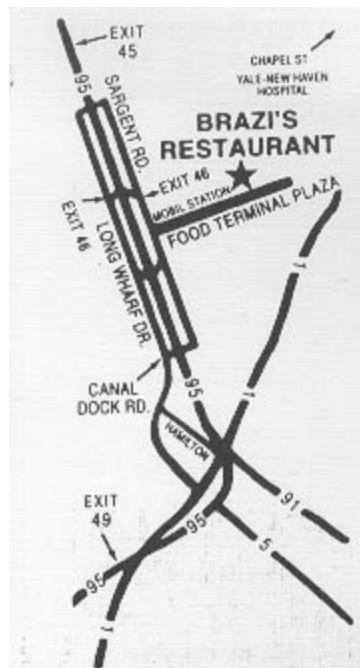
Brief Biographical Sketch: Tim Lowinger grew up on the outskirts of Vancouver, Canada and obtained his B.Sc. (Hons.) and Ph.D. at the University of British Columbia, where his research focused on the development of stereospecific radical cyclization reactions. He then moved to The Ohio State University where he held a Merck postdoctoral fellowship in the labs of Prof. Leo A. Paquette. While at Ohio State, Tim applied himself to the synthesis of both natural and unnatural products. In 1993 he joined Bayer Pharmaceuticals, working first in the Alzheimer's disease area, then taking on responsibility for the Cancer Exploratory Research portfolio and the leadership of the raf kinase strategic project. In early 1998 Tim accepted an opportunity to head the Department of Chemistry at Bayer's research center in Kyoto, Japan, working in the areas of asthma and urology. This four year assignment was followed by another two year international assignment as a Director of Medicinal Chemistry at Bayer's research center in Wuppertal, Germany, where he was responsible for anti-viral research efforts. In late 2003 Tim returned to Bayer in West Haven, CT, where he is currently Vice President of Chemistry Research.

Earth Day is April, 22, 2005

Join your fellow chemists as we celebrate "Air: here, there, everywhere" with this year's unifying event: kite flying. Bring the community together for a fun-filled day. Take the opportunity to talk about the materials of flight, the chemistry of the atmosphere, and the wind; celebrate with contests, games, open houses and

exhibits, lectures and workshops, hands-on activities and demonstrations. More information is available at the ACS website at www.chemistry.org.

Directions to Brazi's Restaurant in New Haven



From I-95 N:

Take Exit 46 (Long Wharf Drive) toward Sargent Drive. Turn left onto Long Wharf Drive. Turn left onto Canal Dock Road. Turn left onto Sargent Drive. Turn right onto Food Terminal Plaza. Brazi's Restaurant is on the right

From I-95 S:

Take Exit 46 (Sargent Drive) toward Long Wharf Drive. Turn right onto Sargent Drive. Turn left onto Food Terminal Plaza. Brazi's Restaurant is on the right .

Brazi's Restaurant

Tuesday April 12, 2005

Entrée choices: Beef Marsala

Chicken Francese

Price: ACS Members/Guests \$25
Teachers/Retirees/Unemployed/Students \$20
Price includes tax and tip.
Cash bar

All entrees are served with the vegetables of the day, choice of roasted potatoes or Penne Marinara, fresh green salad, Focaccia bread and Roni rolls, pitchers of soda, coffee and tea, and ice cream for dessert.

Please make your reservation by contacting **Dennis Jakiela by Friday April 8, 2005**, at (203) 375-1137 or e-mail to: djakiela@hampfordresearch.com. Please leave your name, telephone number, dinner choice and number of reservations desired. Cancellations must be made **48** hours prior to the meeting or you may be charged for dinner.

You may also attend the lecture without the dinner. Please notify Dennis Jakiela so he can keep the count of number of attendees, and arrive at the restaurant by 8:00 PM when the

New Officers for 2005

Newly elected officers for the New Haven Section are:

Program Chair Dr. Dennis Jakiela, Hampford Research
Treasurer Ms. Caroline Maselli, Crompton Corp. (2-year term)
Alternate Councilor Dr. Jerry Putterman, Crompton Corp., retired (3-year term)

Continuing Officers:

Secretary Ms. Jennifer Burke, Bayer Healthcare
Councilor Dr. William Cesario, Insights/Directions
Councilor Dr. William Harned, Crompton Corp., retired
Alternate Councilor Dr. David Smudin, Crompton Corp., retired

We regret that Dr. Ning Su (Bayer) will be unable to continue as Section Chair in 2005. Dr. Ali Banijamali (Crompton Corp.) is currently acting as Section Chair until a replacement is found.

Chair's Message - The Section has made great strides in bringing in a stellar mix of speakers for this year's program; we have tried to hold the meetings at various locations so as to broaden our member coverage. We are trying to curtail the costs of the dinners in the hope that more of our members will consider attending both the lecture and the social to follow.

The NCW week theme is "**Chemistry and Toys**". If you are interested in helping out with this year's NCW week activities, please contact me at my place of work at (203) 573-3220, or by e-mail at ali.banijamali@cromptoncorp.com.

If you have an area of research or interest and would like to share it with the New Haven Section, please contact Dr. Dennis Jakiela (djakiela@hampfordresearch.com) with the title and few words briefly summarizing your area of research/specialty. We look forward to hearing from you about the topics that you wish to share with your Section.

2005 Kirkwood Award - The Kirkwood Award, presented jointly by the Yale University Department of Chemistry and the New Haven Section of the American Chemical Society, commemorates the life and work of John Gamble Kirkwood (1907 – 1959), former Sterling Professor of Chemistry and Chair of the Yale Chemistry Department. This award, presented biennially, recognizes outstanding research contributions, theoretical or experimental, in the physical sciences. Since the award was initiated in 1962, many of its recipients subsequently have won the Nobel Prize.

As this bulletin goes to press, the nominations for this year's recipient are currently being reviewed, and the Kirkwood Award Lecture, and presentation banquet are being considered for a date in April. In order to inform those Section members who have an interest in this award, of the name of the recipient and the date for the Kirkwood Lecture and Banquet, we have decided to post the information on the Section Web Site (membership.acs.org/N/NewHaven/) as soon as it is available. Alternatively, the information may be obtained by contacting Dr. David Smudin, via e-mail at dsmudin@aol.com, or by calling (203) 756-8648.

"Chemistry Headlines" – A new online feature from chemistry.org

Would you like to visit one ACS web page and access links to current chemistry news headlines, journal article briefs, and features on chemical patents, research advances, historical events, and meeting updates from the ACS?

A new online feature on *chemistry.org*, "Chemistry Headlines", serves up all this and more. "Chemistry Headlines" is a compilation of headlines from external news sources and a variety of ACS magazines and journals, including C&EN Online, as well as headlines from Heart Cut, Patent Watch, Today in Chemical History, chemistry.org feature articles and other ACS products and resources. Staff members from chemistry.org, C&EN and ACS Publications have collaborated to help make a wide range of content available in this forum. This new feature can be found at www.chemistry.org/portal/a/c/s/1/newscenter.html, the same URL that was used previously for the first generation of the chemistry.org Newscenter.

Interested in a personalized demonstration of this new resource? Join staff from chemistry.org and C&EN at the exposition floor Booth #820 at the ACS National Meeting (March 14 - 16, 2005 in San Diego, CA) for a personal demonstration of "Chemistry Headlines", special daily meeting events, and prize drawings.

Questions or comments concerning "Chemistry Headlines"? E-mail webmaster@acs.org and include "Chemistry Headlines" in the subject line of your message.

Wanted: Good Program Ideas to Fund! - Have you been itching to start up a new program within your section, but don't know how to get funding? Or perhaps you would like to expand or enhance a program that your section already sponsors? If the answer is "yes" to either of these questions, you should contact your Local Section's Chair to consider submitting a proposal for an "Innovative Projects Grant" sponsored by the Local Section Activities Committee (or LSAC for short). These grants support local sections undertaking innovative programs or activities, particularly projects that promote local section and division interaction or interaction between multiple sections or that improve programming for a local section with special financial needs. Local sections may request funding up to \$3,000. **The deadline is April 1, 2005**, and approved projects will receive funding by July 15 in order for sections to initiate projects during the second half of 2005. Since this is an ongoing program, the 2006 grant application deadlines will be announced later this year.

To apply for an Innovative Projects Grant, visit the ACS OLSA website <http://www.chemistry.org/portal/a/c/s/1/acsdisplay.html?DOC=localsections/index.html>, where complete instructions and a template for the brief proposal (limited to 2 pages) are available (select "Innovative Grants Program" listed under "Improve Your Finances"). The website also includes a link to a list of some previously funded projects, which can help stimulate ideas. (Please note that imitation of another section's good idea is acceptable, provided it is "new" to the section which is applying!)

Note that funding cannot be used for hardware purchases or major equipment, honoraria, stipends, alcoholic beverages, or food. Planning for a funded program should begin within 3 months of the award date, and the project should be completed within 12 months of the award. Winning local sections are required to submit a report to LSAC within 3 months of completion of the project detailing how the funds were used and the impact which the program had. Only one project per local section will be funded annually.