SUNY Potsdam
Chemistry Department
Speaker Series

Tuesday, December 6, 2011 @ 4:15 p.m.

Of Mice, Women and Breast Cancer:
The Uncertain Chemist.

Dr. Vinay Likhite
Baroda Cancer Research Center
Plattsburgh, NY

Breast cancer has plagued human-kind and our mammalian cousins as well, for thousands, if not millions of years. A few years ago a chemist, and his postdoctoral student (a retired doctor), teamed up to investigate the chemistry and biology of breast cancers that appear spontaneously in a well-established highly genetically homogeneous inbred strain of mice developed by the geneticist Leonell C. Strong in the 1920s. This presentation will describe the chemical biology of the mouse breast cancer, its relationship to the human disease, and how a series of experiments led to the discovery (rediscovery?) that a well-known and well-studied chemical completely and permanently prevents the onset of breast cancer in these mice. The great Louis Pasteur has said: “In the field of experimentation chance favors the prepared mind”. How true!

Stowell Hall, Room 211
Light refreshments will be served.
Everyone is welcome.