

Nanotechnology Seminar Series

The Nanotechnology Seminar Series is intended to bring together faculty members, students, and guests for exchanging ideas and research experience in the multidisciplinary field of nanotechnology.

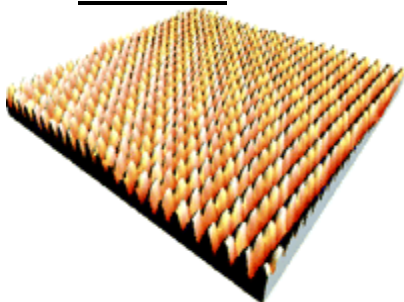
Topic: "Cloning the Ascl1 Gene in Planaria"

presented by Myranda Martin, supervised by Dr. C. Howell

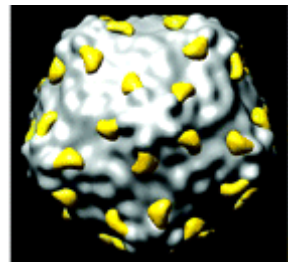
Planaria exhibit the biological property of regeneration. The Ascl1, Achaete-scute homolog 1, gene has been found to function during development of the nervous system in many organisms. To determine if Ascl1 is required for regeneration of the nervous system in Planaria, it is the aim of this study to clone this gene from the Planaria genome. Isolated genomic DNA was amplified by PCR using degenerate primers. Once the gene is sequenced, it will be compared with Ascl1 gene sequences from other organisms. Such comparative studies may provide insight into the function of this gene in nervous system development and regeneration.

When: May 1st, 5:30-6:30 p.m.

Place: Ulmer Hall, room 225



All faculty members and interested students are kindly invited.



For questions and comments contact Dr. Marian Tzolov (mtzolov@lhup.edu).