

Lecture 1

November 24, 2003

Bionanotechnology Lecture Series 2003-2004

The FIU Department of Biomedical Engineering presents Nobel Laureate **Prof. Jean-Marie Lehn**



The Biomedical Engineering Department at Florida International University is proud to introduce guest lecturer Prof. Jean-Marie Lehn, 1987 Nobel Prize Laureate in Chemistry. Dr. Lehn will be delivering a lecture entitled *Functional Nanostructures by Self-Organization*. He has joint positions at the Université Louis Pasteur Strasbourg and the Collège de France in Paris. His current research efforts are devoted to the design properties of programmed supermolecular systems. Prior to joining the Université Louis Pasteur Strasbourg, Lehn spent two semesters as visiting professor at Harvard University.

Lehn received his bachelor's from the University of Strasbourg and his doctoral degree from the Centre National de la Recherche Scientifique. The scientific work he has performed over the last twenty years has been featured in over 400 publications and review papers.

Lecture Topic:

Functional Nanostructures by Self-Organization

Supramolecular chemistry aims at constructing highly complex chemical systems and advanced materials by designing arrays of components held together by intermolecular forces. In this lecture, Professor Lehn will address the design of controlled or "programmed" molecular information and functional self-organizing systems and show how they provide an original approach to nanoscience and nanotechnology.

Lecture will be held on Monday, November 24, 2003 at 10:00 a.m.

in the Engineering Center, Room 2410.

10555 West Flagler Street

Miami, FL 33174



For more information contact the Biomedical Engineering Department at 305.348.6950

The Department of Biomedical Engineering at Florida International University has ongoing research on protein-based nanotechnology (www.eng.fiu.edu/bmei/renu). This includes a thorough understanding of protein structure, dynamics, and engineering. Because of its inter-disciplinary nature, protein-based nanotechnology encompasses chemistry, biology, and physics.

This seminar series will focus on cutting-edge bionanotechnology and its benefits to society.