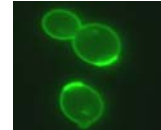
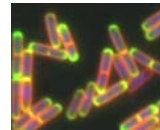
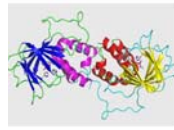
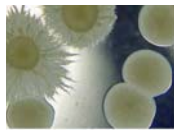


# THE MICROBIOLOGY GRADUATE PROGRAM AT MIT



**2009 – 2010**

## **MICROBIOLOGY Seminar Series**

**Sponsored by**

**MITEI**

**MIT ENERGY INITIATIVE**



Beginning this year, the new MITEI-sponsored Microbiology Seminar Series will bring 9 speakers doing exciting fundamental and applied microbial research to the MIT community. The study of microbes has been critical in our current understanding of basic biological processes, evolution, human disease, and the functions of the biosphere, and has contributed to numerous fields of engineering. As great chemists, microbes have vast untapped potential for development of sustainable energy-generation technologies, and this series will showcase several examples of what microbes can do and how scientists are pushing the frontier in understanding and harnessing them.

Speakers include those who have worked on biological hydrogen production, biofilms in microbial fuel cells - which are capable of generating electricity by feeding microbes with wastewater, bacterial nanowires, and more. Several other speakers will focus on the roles of microbes in prevalent human diseases and, conversely, how they may augment human health. This seminar series is intended for anyone interested in the diverse and amazing abilities of microbes.

**Whitehead Auditorium, Thursday, September 17th from 11:30 am to 12:30pm**

**Pamela A. Silver, Harvard University**

**"Designing Biological Systems for Programmed Interface with the Environment"**

<b>Future Speakers</b>		
All seminars will be presented at the McGovern Auditorium Whitehead Institute on every third Thursday of the month from 11:30am – 12:30pm unless otherwise noted.		
<b>Date</b>	<b>Speaker</b>	<b>Institution</b>
October 15 <sup>th</sup>	Bruce E. Rittman	Arizona State University
November 19 <sup>th</sup>	TBA	
December 17 <sup>th</sup>	Graham Rook	University College London
January 21 <sup>st</sup>	Derek Lovley	UMASS Amherst
February 18 <sup>th</sup>	Peter Girguis	Harvard University
March 18 <sup>th</sup>	Bruce Walker	Ragon Institute of MGH, MIT and Harvard University
April 15 <sup>th</sup>	Farooq Azam	Scripps Institute of Oceanography, UC San Diego
May 20 <sup>th</sup>	James Collins	Boston University