

**ADVANCES IN
CONTROLLED RELEASE TECHNOLOGY**

July 13-17, 2009

MIT -Building E25, Room 111

Monday	8:45 – 10:00		Overview & Regulatory considerations	R. Langer
July 13th	10:00 - 10:30		<i>Coffee Break</i>	
	10:30 – 12:00		Fundamentals of polymer science	N. Peppas
	12:00 – 1:15		Lunch	
	1:15 – 2:45		Diffusion in polymers and applications in the development of controlled release systems	N. Peppas
	2:45 – 3:15		<i>Coffee Break</i>	
	3:15 - 4:45		Matrix systems	R. Langer
Tuesday	8:15 - 9:45		Solvent-activated controlled release systems	N. Peppas
July 14th	9:45 - 10:15		<i>Coffee Break</i>	
	10:15 – 11:45		Mucoadhesion and bioadhesion: Mechanisms, experimental techniques and development of new systems	N. Peppas
	11:45 - 1:15		Lunch	
	1:15– 2:45		Nanotechnology and drug delivery: Ideas for future research....	N. Peppas
	2:45-3:15		<i>Coffee Break</i>	
	3:15-5:00		Factors that control micro/nano particulate drug delivery	F. Szoka
Wednesday	8:15 - 9:45		Liposome – their evolution from a model biomembrane.....	F. Szoka
July 15th	9:45 - 10:15		<i>Coffee Break</i>	
	10:15-11:45		Gene therapy	F. Szoka
	11:45-1:15		Lunch	
	1:15-2:45		Patents	R. Langer
	2:45 - 3:15		<i>Coffee Break</i>	
	3:15-5:15		Transdermal systems; Externally regulated systems	R. Langer
Thursday	8:15 - 9:45		Implants, aerosols, inserts,...	R. Langer
July 16th	9:45 - 10:15		<i>Coffee Break</i>	
	10:15 - 12:15		Protein stability	A. Klibanov
	12:15 - 1:30		Lunch	
	1:30-3:15		Lab demonstrations by Dr. Langer's research group	
Friday	8:15 - 9:45		Examples of fabrication procedures used in the preparation of...	F. Harris
July 17th	9:45 - 10:15		<i>Coffee Break</i>	
	10:15 - 11:45		Agricultural applications of controlled release technology	F. Harris
			DISMISSED	