



Baylor
College of
Medicine

Introduction to Human Space Exploration and Medicine

An Elective Lecture Series Presented by the Center for Space Medicine

**Space Cell Biology: A Microcosm of the Influence of
Physical Forces on Life**

Speaker: Neal R. Pellis, Ph.D,
Director, Division of Space Life Sciences
Universities Space Research Association

Wednesday, March 26, 2014

12:10 – 1:00 p.m.

Cullen Auditorium

Learning Objectives:

- The rationale for cell based research in the Space Program
- Role of physical forces in life processes
- Cellular responses to microgravity
- Conditions created by microgravity that influence cell function
- Integration of observations in cells to tissue, system, organ, and organismal level