

***Department of Civil and Environmental Engineering
Beyer Distinguished Lecture Series, University of Houston***

Mauro Ferrari, Ph.D.
President, CEO, & Director
Ernest Cockrell Jr. Distinguished Endowed Chair
The Methodist Hospital Research Institute
Houston, TX.



**“The Civil Engineering of Cancer
Nanomedicine”**

Tuesday, November 23, 2010

11:30 a.m. Refreshments,
12:00 – 1:00 p.m. Seminar
Room 102D Engineering Building 1, UH

Abstract

This may be surprising to some, but here are some keywords in contemporary cancer therapeutics: Structural design, mechanics of materials, flow through porous media, waste management, transport, fluid-solid interactions.... terminologies that are more often found in civil engineering parlance than oncology textbooks. The connectors are nanotechnology and nanomedicine. Thus the title, and the contents of the lecture, in a nanoshell.

Dr. Mauro Ferrari serves as President, CEO and Director of The Methodist Hospital Research Institute, Professor of Experimental Therapeutics at The University of Texas M.D. Anderson Cancer Center, Professor of Bioengineering Rice University, and President The Alliance for NanoHealth. Ferrari is a founder of

biomedical nano/micro-technology, especially in their applications to drug delivery, cell transplantation, implantable bioreactors, and other innovative therapeutic modalities. In these fields, he has published more than 200 peer-reviewed journal articles and 6 books. He was the Special Expert on Nanotechnology and Eminent Scholar at the National Cancer Institute from 2003—2005 where he developed the world's largest Nanotechnology program. He holds more than 30 US and International patents with approximately 30 more pending.

Parking: Go to UH Entrance No.1 (Exit I-45 South to Spur 5 and take a right at University Blvd.). At the Visitors Information Center, ask for the Civil Engineering Department and parking instructions. For more information, call Laura Christian at (713) 743-4251. (For program updates go to www.egr.uh.edu/cive)

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