

This year's Forum program is entitled, *"Nanotechnology in Medicine: The Next Frontier."* The program will be moderated by Gary Woods, MD, AMA Alternate Delegate from New Hampshire and Forum Executive Committee member. Following a brief introduction of Nanotechnology, Dr. Woods will introduce the following confirmed speakers:



**Mauro Ferrari, PhD**

***"Nanotechnology as Enabling Platforms for Personalized Medicine"***

Professor and Chairman, Department of Nanomedicine and Biomedical Engineering  
Professor of Internal Medicine, Division of Cardiology, University of Texas Health Science Center  
Professor of Experimental Therapeutics, The University of Texas  
M.D. Anderson Cancer Center, Houston, TX



**C. Christopher Hook, MD**

***"Nanotechnology, Nanomedicine and Synthetic Biology:  
An Overview of Ethical and Social Considerations"***

Assistant Professor of Medicine and Chair, Non-malignant Hematology Group  
Division of Hematology and Internal Medicine, Department of Medicine  
Consultant, Mayo Comprehensive Hemophilia Center  
Consultant, Special Coagulation Laboratory, Department of Laboratory Medicine and Pathology,  
Mayo Clinic, Rochester, MN

Some of the issues covered during this presentation include:

- Environmental and health effects of nanoscale particles
- Dual-use potential of nanotechnology and the specter of biohacking
- Lessons for nanotechnology from GMO's
- Nanotechnology and the surveillance society
- Human re-engineering, so-called enhancements, and medicalization
- Justice and nanotechnology