

Lombardi

CANCER CENTER



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**Cancer Nanotechnology Symposium:
Nanotechnology Platforms for Molecular Medicine**

February 22, 2005

**Lombardi Comprehensive Cancer Center
Georgetown University
Washington, DC**

PRELIMINARY AGENDA

- 7:30 a.m. - 8:30 a.m. **Registration and Continental Breakfast**
- 8:30 a.m. - 8:45 a.m. **Welcome and Opening Remarks**
- Richard George Pestell, M.D., Ph.D.*
Director
Lombardi Comprehensive Cancer Center
Georgetown University
- Anna D. Barker, Ph.D.*
Deputy Director for Advanced Technologies and Strategic Partnerships
National Cancer Institute
National Institutes of Health
- 8:45 a.m. - 9:45 a.m. **Cancer Plenary Session**
- Ronald A. DePinho, M.D.*
Professor of Medicine (Genetics)
Brigham and Women's Hospital
Dana Farber Cancer Institute
- 9:45 a.m. - 10:45 a.m. **Nanotechnology Plenary Session**
- Samuel I. Stupp, Ph.D.*
Professor of Materials Science, Chemistry, and Medicine
Director
Institute for Bioengineering and Nanoscience in Advanced Medicine
Northwestern University
- 10:45 a.m. - 11:00 a.m. **Break**
- 11:00 a.m. - 12:30 p.m. **Cancer Focus Session**

- 11:00 a.m. - 11:20 a.m. **Nanodelivery Systems: Expanding the Therapeutic Potential**
- Esther H. Chang, Ph.D.*
Professor of Oncology and Otolaryngology
Medical Center
Georgetown University
- 11:20 a.m. - 11:40 a.m. **Proteomic Studies of Changes in the Plasma Membrane and Nucleus in Resistance to Cancer Chemotherapy**
- Catherine Fenselau, Ph.D.*
Professor
Department of Chemistry and Biochemistry
University of Maryland, College Park
- 11:40 a.m. - 12:00 noon **TBD**
- 12:00 noon - 12:30 p.m. **Cancer Focus Panel Discussion**
- 12:30 p.m. - 1:30 p.m. **Working Lunch**
- National Cancer Institute Funding Opportunities**
- Gregory J. Downing, D.O., Ph.D.*
Director
Office of Technology and Industrial Relations
National Cancer Institute
National Institutes of Health
- 1:30 p.m. - 3:00 p.m. **Nanotechnology Focus Session**
- 1:30 p.m. - 1:50 p.m. **Magnetic Nanotubes for Delivery**
- Sang Bok Lee, Ph.D.*
Assistant Professor
Department of Chemistry and Biochemistry
University of Maryland, College Park
- 1:50 p.m. - 2:10 p.m. **Nanowire-Based Devices**
- Paola Barbara, Ph.D.*
Assistant Professor
Georgetown University Medical Center

- 2:10 p.m. - 2:30 p.m. **Nanoscale Self-Assembled Organic Films on Optical Fibers for Use as Biosensors**
- James R. Heflin, Ph.D.*
Associate Professor
Physics Department
Virginia Polytechnic Institute and State University
- 2:30 p.m. - 3:00 p.m. **Nanotechnology Focus Panel Discussion**
- 3:00 p.m. - 3:15 p.m. **Break**
- 3:15 p.m. - 3:55 p.m. **Multidisciplinary Team-Building Session**
- 3:15 p.m. - 3:35 p.m. **Center for Nanoscopic Materials Design**
- Robert Hull, Ph.D.*
Professor and Heinz and Doris Wilsdorf Distinguished Research Professor
Department of Materials Science and Engineering
University of Virginia
- 3:35 p.m. - 3:55 p.m. **National Nanofabrication Users Network**
- Gary L. Harris, Ph.D., P.E.*
Professor and Associate Director
Materials Science Research Center of Excellence
Department of Electrical and Computer Engineering
College of Engineering, Architecture, and Computer Sciences
Howard University
- 3:55 p.m. - 4:15 p.m. **From Concept to Platform**
- Robert Menzi*
Chief Operating Officer
Protiveris Inc.
- 4:15 p.m. - 4:45 p.m. **Multidisciplinary Team-Building Panel Discussion**
- 4:45 p.m. - 5:00 p.m. **Closing Remarks**
- Mauro Ferrari, Ph.D.*
Special Expert in Nanotechnology
National Cancer Institute
- 5:00 p.m. **Adjournment**