

2009 ASNM Conference
Bolger Center, Potomac, Maryland, USA
October 22-25, 2009



The 1st Conference of the American Society for Nanomedicine

Group photo by Dr. Yongqing Chen

- New Members**
- Alphonsus I. Ekwerike, Sciencemedicine Research Institute
 - Yongdoon Choi, Senior Research Scientist, National Cancer Center (South Korea)
 - Keon Wook Kang, Associate Professor, Seoul National University College of Medicine
 - Guewha S. Huang, Professor, National Chiao Tung University
 - Luigi Manzo, Professor, University of Pavia, Maugeri Foundation Medical Center
 - Terrance Black, United States
 - Patrick Y. Lu, President, CEO and CSO, Sinomics, Inc.
 - SCMA Emilienne, BioAlliance Pharma

Join the ASNM Now as a Member

The ASNM 2nd Annual Conference is scheduled for October 14th-16th 2010

Enjoy Reduced Conference Registration Fees

The 2009 ASNM inaugural conference was an overwhelming success!

Please plan to attend the 2nd Annual ASNM Conference October 14th-16th, 2010
Bolger Center, Potomac, Maryland, USA
 (See [2010 ASNM Conference Invitation](#))

[Join Now as a Member](#)

April 23rd, 2010

Dear Colleagues,

The American Society for Nanomedicine (ASNM) is pleased to announce its second annual conference to be held at the **Bolger Center** in Potomac, Maryland, USA on **October 14-16, 2010**.

This year, ASNM has worked closely with the HIV/AIDS Research Program at the National Institute of Allergy and Infectious Diseases (NIAID), the result of which is a dovetailed conference with a special focus on exploring the use of nanotechnology to address HIV/AIDS-specific research questions and clinical applications. ASNM, in conjunction with the HIV/AIDS Research Program, will host a workshop in which nanomedicine researchers and HIV/AIDS investigators will share strategies and methods to address their respective challenges. The conference will afford a unique opportunity to catalyze interactions between investigators. We would like to devote an ample amount of time to fostering these relationships, so that researchers from both disciplines can expand and apply their newly-blended strategies and knowledge to advance their own studies. The first half of the conference will focus on this joint effort while the second half will focus primarily on capturing the



Esther Chang
 Professor of Oncology
 Georgetown University Medical Center

In addition to her work as Professor of Oncology with the Georgetown University Medical Center, Dr. Esther Chang has served as a member of a number of scientific advisory boards for the National Cancer Institute, NASA, the US Military Cancer Institute, and the Department of Energy. [\[more\]](#)



Raj Bawa
 President/Patent Agent
 Bawa Biotechnology Consulting, Ashburn Virginia



7th International Conference on Nanosciences & Nanotechnologies NN10
Jul 11-14, 2010
 Ouranopolis Halkidiki, Greece
[more info](#)



4th International Summer School on Nanosciences & Nanotechnologies ISSONN-10
Jul 10-17, 2010
 Ouranopolis Halkidiki, Greece
[more info](#)



ESF-UB Conference Nanomedicine: Reality Now and Soon
Oct 23-28, 2010
 Sant Feliu de Guixols, Spain
[more info](#)



9th International Nanomedicine and Drug Delivery Symposium
Oct 3-5, 2010
 Omaha, Nebraska, USA
[more info](#)



Raj Bawa
President/Patent Agent
Bawa Biotechnology Consulting, Ashburn Virginia

Dr. Raj Bawa is President of Bawa Biotechnology Consulting LLC, a biotechnology and patent law firm founded in 2002 and based in Ashburn, Virginia. He is a biochemist and microbiologist by training and is a registered patent agent licensed to practice before the US Patent and Trademark Office (PTO). He specializes in all aspects of biotechnology, nanotechnology and pharmaceutical patent law... [\[more\]](#)



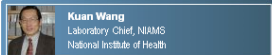
Lajos Balogh
Editor-in-Chief
Nanomedicine: Nanotechnology, Biology & Medicine

Lajos (Lou) Balogh is the Editor-in-Chief of the journal *Nanomedicine: Nanotechnology, Biology and Medicine* (Elsevier). He is presently the CEO of AA NANOMED Consulting and a former Professor of the Roswell Park Cancer Institute, of the University at Buffalo, SUNY, and of the University of Michigan, Ann Arbor, MI. [\[more\]](#)



Marianna Foldvari
CRC Chair Biotechnology & Nanomedicine
School of Pharmacy, University of Waterloo

Dr. Foldvari is a Professor of Pharmaceutical Sciences and Canada Research Chair of Biotechnology and Nanomedicine at the School of Pharmacy, University of Waterloo. She is also the Associate Director, Research and Graduate Studies developing and directing the School's graduate-level research program. [\[more\]](#)



Kuan Wang
Laboratory Chief, NAMS
National Institute of Health

Dr. Kuan Wang is currently the Lab Chief of the Laboratory of Muscle Biology and Section Head of the Muscle Proteomics and Nanotechnology Section at the National Institute of Arthritis and Musculoskeletal and Skin Diseases, National Institutes of Health. [\[more\]](#)

ASNMM Corporate Sponsorship Opportunities

Be part of the Global Collaboration of Nanomedical Research and Technology

ASNMM is now offering companies and organizations the opportunity to benefit through our Corporate Sponsorship program:

- Use of the ASNMM logo on corporate literature and website
 - Recognition as a corporate sponsor with logo featured on the ASNMM home page
 - Invitation to our annual conference and acknowledgement of sponsorship in our conference materials
- [Click for details](#)



newly-blended strategies and knowledge to advance their own studies. The first half of the conference will focus on this joint effort while the second half will focus primarily on capturing the recent novel developments in the field of nanomedicine broadly.

The conference will feature more than fifty world-renowned speakers, who are among the top researchers and leaders in their fields. In the past year, there have been many exciting developments and new insights into the study and application of both HIV/AIDS research and nanomedicine. ASNMM would like to invite all researchers interested in exploring these dynamic disciplines to join this conference, with the ultimate goal of enabling practical solutions and new directions to help address the many challenges in each field. The [online Conference Registration](#) is now available.

ASNMM is a registered non-profit organization. We hope to cultivate an open forum of ideas and collaborative efforts, alongside close cooperation and coordination with our American and international colleagues. The membership base of ASNMM is drawn from diverse, yet overlapping fields such as nanotechnology, engineering, medicine, law, policy, ethics, toxicology, biotechnology, pharmaceutical sciences and biomedical sciences. As a member, you will have the opportunity to participate (including being a candidate) in the open elections for the society officers, board members and operating committees, and receive reduced rates to attend ASNMM conferences. Please note that membership is not limited to US citizens. For non-members, the conference registration fee includes a one-year membership into the ASNMM in addition to conference attendance. For colleagues in the industry, you are invited to join our innovative, dynamic society by signing up your company as a corporate member. We look forward to seeing you at the conference and benefiting from your active participation in the American Society for Nanomedicine.

Best Regards,

Founding Committee of the ASNMM

Esther H. Chang, Ph.D.
Lajos P. Balogh, Ph.D.
Raj Bawa, Ph.D.
Marianna Foldvari, DPharm Sci, Ph.D.
Kuan Wang, Ph.D.

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Spain
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Iano PacMan, self-illuminating flowers and other winning nanotechnology images

Here is another installment of our collection of amazing images from nanotechnology labs from all over the world. [\[more\]](#)

Elektronen im Verzug

Anders als bislang angenommen werden Elektronen bei der Fotoemission verzögert aus einem Atom katapultiert. [\[more\]](#)

Transformation-mediated ductility in metallic glasses

Metallic glasses are - just as other types of glasses- brittle materials. This property sets a limit to the possibilities of their technological use. Researchers have now discovered a mechanism that enables metallic glasses to become ductile under tensile loading. [\[more\]](#)

Viscosity at the nanoscale: 50-year-old intriguing puzzle solved

At a snail's pace - this is how proteins should move inside living cells where viscosity of environment exceeds the viscosity of water even by million times. However, proteins move not much slower than in water! While looking for a solution to this puzzle, scientists from the Institute of Physical Chemistry of the Polish Academy of Sciences discovered a new principle of physics. [\[more\]](#)

Sicherer Umgang mit Nanopartikeln: Nanodetektor soll Winzlinge auffinden

Das Bundesministerium fuer Bildung und Forschung fördert ein Vorhaben zur Sicherheit von Arbeitsplatzern in der Nanotechnik im Rahmen seines Programms NanoCare jetzt mit mehr als einer halben Million Euro. [\[more\]](#)

Illuminating the genetic alphabet

Fluorescent unnatural base pairs light up the structures of DNA and RNA chains with minimal disturbance. [\[more\]](#)

Nanofiber noodle highway for cells

Noodle-shaped string of aligned nanofibers promises better tissue regeneration. [\[more\]](#)

This week in nanotechnology

This week's most interesting nanotechnology news. [\[more\]](#)

Nanotechnology innovations for smart grid solutions get boost with \$20M research center

World-class center will enable nanoscale innovations for clean energy and smart grid solutions and create over 100 high-tech jobs at CNSE's Albany NanoTech Complex and upstate New York. [\[more\]](#)

Advances in analysis using nanopore-based single-molecule mass spectrometry

National Institute of Standards and Technology (NIST) scientists have moved a step closer to developing the means for a rapid diagnostic blood test that can scan for thousands of disease markers and other chemical indicators of health. The team reports it has learned how to decode the electrical signals generated by a nanopore - a 'gate' less than 2 nanometers wide in an artificial cell membrane. [\[more\]](#)