

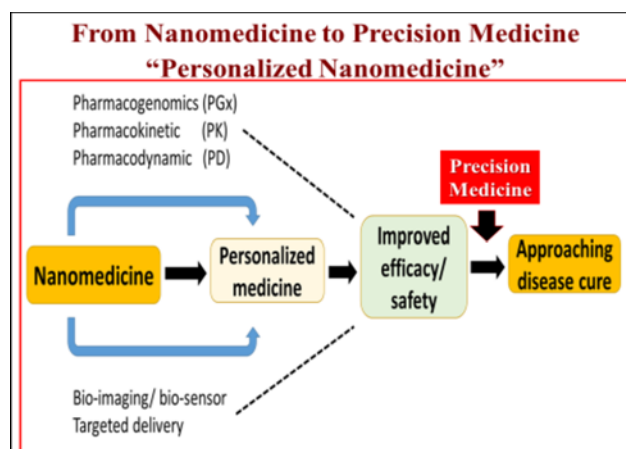
The Road from Nanomedicine to Precision Medicine

17th Annual International Conference

October 21, 2019 ♦ 9:50AM - 4:00PM

Rite Aid Lounge (2nd Floor), Gozzo Student Center
Albany College of Pharmacy, 106 New Scotland Avenue, Albany, NY

Three \$250 Poster Awards ♦ Lunch Provided ♦ Free Parking



Conference Overview

This free international conference is the 16th annual conference in a series that explores recent advances in medicine, biotech and pharma. **NO REGISTRATION IS REQUIRED.** As in past years, the major sponsors are the Pharmaceutical Research Institute (Rensselaer, NY) and Bawa Biotech LLC (Ashburn, VA). This year’s conference is focused on innovative advances from nanomedicine to precision medicine. The conference will offer networking opportunities to physicians, scientists, engineers, lawyers, business professionals, technology transfer specialists, policy makers and venture capitalists. Last year’s conference drew over 120 attendees. **Conference Link:** <https://pri-albany.org/>

Terminology and Definitions

Although the terms “nanotechnology,” “nanomedicine” and “precision medicine” are relatively new, the concepts have been a part of healthcare and biomedicine for many years.

Nanotechnology is the design, characterization, and manufacturing, application of structures, devices and systems controlled by manipulation of size and shape at the nanometer scale that produces structures, devices and systems with at least one novel/superior characteristic or property. (Source: *Nanomedicine* 2(3):351-374; (2007))

Nanomedicine is the application of nanotechnology in a healthcare setting to prevent and treat human disease.

Precision Nanomedicine is “an emerging approach for disease treatment and prevention that takes into account individual variability in genes, environment, and lifestyle for each person.” (Source: *NIH*) This approach will allow doctors and researchers to predict more accurately which treatment and prevention strategies for a particular disease will work in which groups of people. It contrasts with a “one-size-fits-all” approach, in which disease treatment and prevention strategies are developed for the average person, with less consideration for the differences between individuals.

Resource Center

American Society For Nanomedicine

<https://www.nanomedus.org/resource-center>

Young Scholar Awards for Posters

Two “Young Scholar Awards” (sponsored by Dove Medical Press, UK) in the amount of \$250 each will be presented for best posters by Dr. Thomas J. Webster, Editor-In-Chief of the *International Journal of Nanomedicine* <https://www.dovepress.com/>.

Two “Young Investigator Awards” (sponsored by Bawa Biotech LLC, Ashburn, VA) will include signed copies of the recently published handbooks <http://www.panstanford.com/>:

Immune Aspects of Biopharmaceuticals and Nanomedicines (2018)

The Road from Nanomedicine to Precision Medicine (2019)

The “Best Poster in Biomedicine Award” (sponsored by MDPI AG, Basel, Switzerland) in the amount of \$250 will be presented by Dr. Shaker Mousa, Editor-in-Chief of *Biomedicines* <https://www.mdpi.com>.

The poster competition is open to **all** students (undergraduate, graduate, medical, law, pharmacy), medical fellows and pre/postdoctoral fellows. Posters may be brought to the conference site on October 21. All awards will include a plaque or certificate.

Travel, Lodging and Parking

Coffee breaks (sponsored by *Biomedicines*, MDPI AG, Basel, Switzerland) and lunch (sponsored by the Pharmaceutical Research Institute, Rensselaer, NY) will be provided to all attendees at no cost. Free parking will be available adjacent to the conference venue. There is a large selection of lodging available close by: <http://www.albany.org/hotels>. The closest airport is the Albany International Airport, a 20-minute taxi ride to the conference site. Limited travel funding for young investigators is sponsored by Bawa Biotech LLC (Ashburn, VA). Contact Dr. Bawa to apply for travel awards.

Organizing Committee

Brian Reese, PhD, JD, MBA, Choate, Hall & Stewart LLP (Boston, MA)

Anil R. Diwan, PhD, NanoViricides, Inc. (Shelton, CT)

Gerald F. Audette, PhD, York University (Toronto, Canada)

Neil Gordon, BEng, MBA, Guanine, Inc. (Montreal, Canada)

Thomas J. Webster, PhD, Northeastern University (Boston, MA)

Conference Chairs

Shaker A. Mousa, PhD, MBA

Chairman & Executive Vice President

The Pharmaceutical Research Institute | Rensselaer, NY

Vice Provost and Professor

Albany College of Pharmacy and Health Sciences | Albany, NY

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