

THE UNIVERSITY OF MICHIGAN
Regents Communication

Adopted by the
Regents
September 18, 2014

ACTION REQUEST

Subject: Report of Faculty Retirement
Action Requested: Adoption of Retirement Memoir

Anna U. Bielinska, Ph.D., research assistant professor, internal medicine and research assistant professor, nanotechnology, Michigan Nanotechnology Institute for Medicine and Biological Sciences, in the Medical School, will retire from active faculty status on September 30, 2014.

Professor Bielinska received her M.S. degree from the University of Warsaw in 1978 and her Ph.D. degree from the Institute of Biochemistry and Biophysics, Polish Academy of Sciences in 1985. She joined the University of Michigan faculty as a research investigator in the Department of Internal Medicine in 1997, and was promoted to research assistant professor in 2005. Professor Bielinska received an additional appointment of research assistant professor in the Michigan Nanotechnology Institute for Medicine and Biological Sciences in 2008.

Professor Bielinska is a widely recognized leader in the fields of immunology, microbiology, and molecular biology, with special expertise in the application of nanotechnology. She studied the regulation of transcriptional expression of genes, particularly HIV promoter-enhancer expression, nanoemulsion-based recombinant vaccines for viral and bacterial pathogens, and the targeted delivery of pharmaceuticals to cancer cells. This research involved the characterization of folate-targeted dendrimers through interactions with their biological targets including affinity of binding, stability of binding, uptake, retention and release of the therapeutics. Professor Bielinska studied a variety of pathogens including *Bacillus anthracis*, influenza A, hepatitis B, HIV, and smallpox. She was collaboratively involved in the development of a promising, nanoemulsion-based adjuvant HIV vaccine that is delivered intranasally. Professor Bielinska's work has resulted in 43 peer-reviewed journal articles, four book chapters, and 11 U.S. patent applications.

The Regents now salute this distinguished faculty member by naming **Anna U. Bielinska research assistant professor emerita, internal medicine and research assistant professor emerita, nanotechnology.**

Requested by:



Sally J. Churchill, J.D.
Vice President and Secretary of the University

September 2014