Dr. Storniolo is a Professor of Clinical Medicine in the Hematology/Oncology Section at the I.U. School of Medicine. She earned her medical degree at the Stanford University School of Medicine in Palo Alto, California. She then completed her Internal Medicine residency and fellowships in both Hematology and Medical Oncology at the University of Rochester School of Medicine in Rochester, N.Y.

Prior to coming to Indiana University in September 2000, she was an assistant professor of medicine at the University of California-San Diego School of Medicine. She also served in various leadership positions at Eli Lilly and Company (1992-2000), where she was responsible for the clinical development of various cancer drugs, most notably Gemzar.

In addition to treating women with all stages of breast cancer, Dr. Storniolo is director of the Catherine Peachey Breast Cancer Prevention Program. She provides individual risk assessment and counseling for women who may be at risk for developing breast cancer because of a strong family history or one of a variety of other predisposing factors. This is a comprehensive program that offers women several options for managing risk, including lifestyle changes, genetic testing, medical therapy, and prophylactic surgery.

Her research interests include helping to define the process by which a normal breast cell becomes cancerous. That work has led her and some very dedicated co-workers to found the Susan G. Komen for the Cure Tissue Bank at the Indiana University Simon Cancer Center, a biorepository of biologic specimens primarily from women who do NOT have breast cancer. These samples are a source of DNA, RNA and proteins which are invaluable in deciphering the molecular changes leading from normal breast cells to cancer. Elucidating the steps in the malignant process will lead us to finding blood markers that could be used to identify women at risk before they actually develop breast cancer, and would also allow us to develop medicines that would alter that process and prevent cancer from occurring.