Ana Maria Cuervo, M.D., Ph.D.
Professor, Developmental and Molecular Biology
Professor, Anatomy and Structural Biology
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Ana Maria Cuervo, M.D., Ph.D., is professor in the departments of developmental and molecular biology and of medicine at Albert Einstein College of Medicine, and a member of the Liver, Cancer and Aging Centers there. She received her M.D. in 1990 and her Ph.D. in 1994 from the University of Valencia (Spain). After postdoctoral training at Tufts University in Boston, she relocated her laboratory to Einstein, where she continues her studies in the role of protein degradation in neurodegenerative diseases and aging.

Dr. Cuervo’s group is interested in understanding how altered proteins can be eliminated from cells. Her group has recently linked alterations in lysosomal protein degradation with Parkinson’s disease. It has also proved that restoration of normal lysosomal function prevents accumulation of damaged proteins with age, thus demonstrating that removal of these toxic products is possible.

Considered a leader in the fields of protein degradation and of the biology of aging, Dr. Cuervo has been invited to present her work at numerous national and international institutions, including in the Robert R. Konh Memorial Lecture, the Director’s Lecture at the National Institutes of Health (NIH) and the Roy Walford Endowed Lecture. She has chaired conferences on protein degradation and on aging, and belongs to the editorial board of scientific journals on this topic; she is currently one of the editors in chief of *Aging Cell* and an associate editor of *Autophagy*. Dr. Cuervo has served on NIH advisory panels, special-emphasis panels and study sections, and was named the 2005–8 Keith Porter Fellow in Cell Biology. Her honors include the 2005 P. Benson Award in Cell Biology, the 2006 Nathan Shock Memorial Lecture Award and the 2008 Vincent Cristofalo Rising Star in Aging Research Award.