

SARAH RATNER

Sarah Ratner is an eminent biochemist who has made important contributions to our basic knowledge of nitrogen metabolism of living organisms. Born in New York, she studied chemistry at Cornell University and earned her Ph.D. degree at Columbia University. Formerly a faculty member at the College of Medicine of New York University, she is a member of the Public Health Research Institute of the City of New York.

With others, Dr. Ratner established that all of the chemicals that are building blocks to be used to form the macromolecules of living organisms are in a dynamic state and are constantly exchanged for new building blocks from nutrients. This concept generated an explosive development of molecular biology. Her independent studies on enzymes of the urea cycle have been cardinal for scientists in biochemistry, biology and chemistry. She has generously shared her knowledge with other scientists, and she has also trained physicians to utilize the results of her research for the treatment of patients.

An internationally recognized scientist, she is a member of the National Academy of Science and the American Academy of Arts and Sciences. Sarah Ratner's pioneering investigations bridge the gap between science conducted for its own sake and science conducted for its service to humanity. Her accomplishments deserve our praise.