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Bio: After receiving B. Sc in Chemistry in the Middle East Technical University in Ankara Turkey, Dr. Serpersu completed his PhD in Biochemistry at the Medical School of Hacettepe University in Ankara Turkey. He then received Alexander von Humboldt Fellowship to start postdoctoral studies at Justus Liebig University in Giessen Germany and continued his studies at the Johns Hopkins Medical School in Baltimore Maryland USA. He joined to the Department of Biochemistry of the University of Tennessee in Knoxville as an Assistant Professor and reached to full Professor rank in the Department of Biochemistry and Cellular and Molecular Biology at the University of Tennessee.

His research interests include understanding of structure and function of enzymes. Particularly, understanding of molecular basis of ligand promiscuity shown by many enzymes that modify aminoglycoside antibiotics and render them useless against pathogenic bacteria is studied in his laboratory. He is also interested to discover molecular properties that render enzymes to become thermostable. His studies covered dynamic, thermodynamic and structural aspects of these enzymes using variety of biophysical and computational methods. He moved to NSF and became a program director at National Science Foundation in 2016.