

ADRIAN A. LOBITO

Oxford Scholar 2001

Degree: University of California Irvine: B.S., Biological Sciences, 1997

Research Interests: Immunology, TNFR-Associated Periodic Syndrome (TRAPS)



Adrian received his bachelors of science degree in biology from the University of California, Irvine in 1997, where he graduated cum laude. As an undergraduate he gained research experience in the laboratory of Dr. John Marshall, where he performed research on methamphetamine-induced neurotoxicity, focusing on astroglial responses in the striatum and somatosensory cortex in the rat brain. He was awarded a Presidential Undergraduate Fellowship and PreGraduate Mentorship Program awards to pursue this research for which he earned the academic distinction, Excellence in Research upon graduating from UCI. Following graduation, Adrian pursued his interest in research by joining the lab of Dr. Mike Lenardo at the National Institutes of Health. He started at the NIH as a pre-doctoral Interdepartmental Research Training Award fellow and was later promoted to the position of Biologist in Dr. Lenardo's lab. At the NIH he performed research on a wide variety of projects in the field of immunology, he was a contributing author on papers about experimental autoimmune encephalomyelitis (EAE), autoimmune lymphoproliferative (ALPS) disorder, and B cell apoptosis. He most strongly demonstrated his scientific potential with work he did on a mouse model for experimental autoimmune myasthenia gravis (EAMG) that resulted in two first author papers. Feeling the call to continue his formal education, he applied to the newly formed National Institutes of Health-University of Oxford Scholars in Biomedical Sciences program where he was accepted as one of two founding students. He is currently working for Drs. Gavin Screaton and Richard Siegel focusing his research on TNF receptor 1-associated periodic syndrome (TRAPS). He is presently trying to determine the mechanism by which mutations in the gene that encodes Tumor Necrosis Factor Receptor-1 leads to the inflammatory symptoms observed in TRAPS. Outside the lab, Adrian is an avid bicyclist, he was a member of the Oxford university cycling club for whom he raced in various competitions and he also is an enthusiastic cook. He would like to continue applying his scientific knowledge to better understand human disease.