

Yoram Reiter, PhD, Laboratory of Molecular Immunology and Cancer Immunotherapy,  
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Director- The Lorry Lokey Interdisciplinary Center for Life Sciences and Engineering

Yoram Reiter is a Professor of Immunology and heads the Laboratory of Molecular Immunology at the Faculty of Biology. He did his undergraduate studies in Biochemistry at the Tel Aviv University and his master's and PhD degrees are from the Weizmann Institute of Science in Immunology. He spent five years (1992-1997) at the National Cancer Institute (NCI) Laboratory of Molecular Biology at the NIH in Bethesda, Maryland, where he developed new approaches in antibody engineering and cancer targeted therapy with Dr. Ira Pastan. From 1997-8 he was a senior scientist at Peptor Ltd. Establishing research in drug discovery. In 1998, Prof. Reiter was recruited to the Technion department of Biology as a Faculty member where he established the Laboratory of Molecular Immunology and Cancer Immunotherapy leading a research program at the cutting edge of molecular immunology, antibody engineering, and cancer research and immunotherapy. He develops new approaches for cancer immunotherapy and his lab is considered as the leading laboratory in the world working on recombinant antibodies mimicking the specificity of immune killer cells. Reiter's projects include also interdisciplinary collaborations in the field of systems biology and immunology as well as nanoscience bridging molecular biology and Nano electronics. He was awarded a National Institutes of Health RO1 research grant for these studies. Over the last 15 years Reiter's research group and graduates consisted of > 60 students, post-doctoral fellows, technicians, and research associates. Some of his graduates have now senior positions in academia and industry in Israel and the US. Reiter published >100 research papers and reviews in the professional scientific literature and is frequently invited to scientific meetings. Reiter's work yielded >20 patent applications and his lab recruited >\$6million in research funds from government (Israeli and US), private funds, as well as industry. He won numerous prizes from the Technion, Israel Academy of Sciences, Industry and others. His laboratory collaborates with many leading groups in the US and Europe. Reiter is founder of AIT-Applied Immune Technologies Ltd. which develops novel antibody-based immunotherapy approaches to cancer, AIT raised in series A and B investment rounds \$22million. Prof. Reiter was the dean of the Faculty of Biology at the Technion (2006-2008) and a member of the managing committee of the Russell Berrie Nanotechnology Institute at the Technion. Reiter serves as an advisor to several pharmaceutical and biotechnology companies as well as start-ups in the field in Israel and abroad. He is a member of various scientific committees in Israel and abroad. Reiter holds the Sam Sebba Academic Chair in Sciences of the Technion and since 2013 serves as the director of the Lorry Lokey Interdisciplinary center for Life Sciences and Engineering, a wide Technion center that fosters infrastructure and research at the cutting edge interfaces of life sciences, medicine, nanotechnology, and engineering.