



Dr. Benjamin Bonavida, PhD, is currently a Distinguished Research Professor at the University of California, Los Angeles (UCLA). He is affiliated with the Department of Microbiology, Immunology and Molecular Genetics, UCLA David Geffen School of Medicine. His research career, thus far, has focused on investigations in the fields of basic immuno-chemistry and cancer immunobiology. His research investigations have ranged from the biochemical, molecular and genetic mechanisms of cell-mediated killing and tumor cell resistance to chemo-immuno cytotoxic drugs. The reversal of tumor cell resistance was investigated by the use of various selected sensitizing agents based on molecular mechanisms of resistance. In these investigations, there was the newly characterized dysregulated NF- $\kappa$ B/ Snail/YY1/RKIP/PTEN loop in many cancers that was reported to regulate cell survival, proliferation, invasion, metastasis, and resistance. Emphasis was focused on the roles of the tumor suppressor Raf Kinase Inhibitor Protein

(RKIP), the tumor ptomoter Yin Yang 1 (YY1) and the role of Nitric Oxide as a chemo-immuno-sensitizing factor. Many of the above studies are centered on the clinical challenging features of cancer patients' failure to respond to both conventional and targeted therapies.

The Editor has been active in the organization of regular sequential international mini conferences that are highly focused on the roles of YY1, RKIP, and Nitric Oxide in cancer and their potential therapeutic applications. Several books edited or co-edited by the Editor have been published. In addition, the Editor has been the Series Editor of books (over 23) published by Springer on "*Resistance to Anti-Cancer Targeted Therapeutics*". In addition, the Editor is presently the Series Editor of three series published by Elsevier/Academic Press on "*Chemotherapy-Sensitizing Agents for Cancer*", "*Sensitizing Agents for Cancer Resistance to Antibodies*" and "*Breaking Tolerance to Anti-Cancer Immunotherapy*". Lastly, the Editor is the Editor-in-Chief of the Journal "*Critical Reviews™ in Oncogenesis*". The Editor has published over 500 research publications and reviews in various scientific journals of high impact.

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