

TEACHING

Molecular Biology, Microbiology; Diagnostic Methods; Disease Mechanisms and Molecular Pathogenesis

RESEARCH INTERESTS

Enhancing the efficacy of anti-cancer therapy through a) understanding of the molecular responses in cells exposed to clinically-used targeted or broad-acting therapeutic agents, b) designing rational combination strategies that will improve the therapeutic index of clinically used drugs, c) strategies using nanomaterial- or biomimetic vehicles for drug delivery.

RELEVANT RECENT PUBLICATIONS

- Samuel, T, Shaddox, SH, Bass D., Bedi D., Datta P. Topoisomerase-I inhibitors induce the expression of clinically