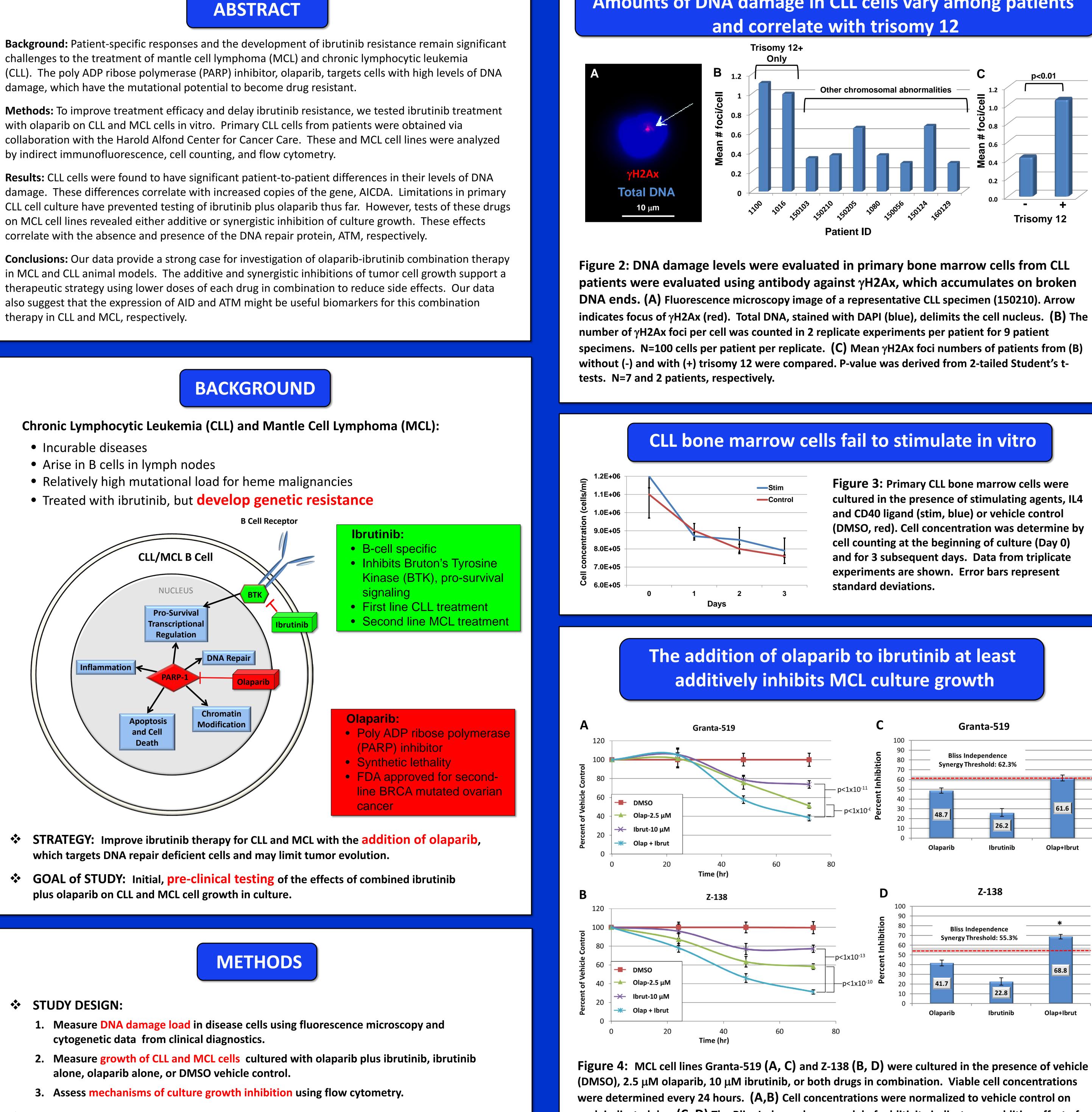
ABSTRACT

damage, which have the mutational potential to become drug resistant.

by indirect immunofluorescence, cell counting, and flow cytometry.

therapy in CLL and MCL, respectively.



STUDY DESIGN:

✤ SELECTED CELLS:

- Primary CLL bone marrow cells with high and low DNA damage levels
- MCL cell lines: Granta-519 (DNA damage high), Z-138 (DNA damage low)

Targeting CLL and MCL cells with DNA repair and B cell receptor inhibitors

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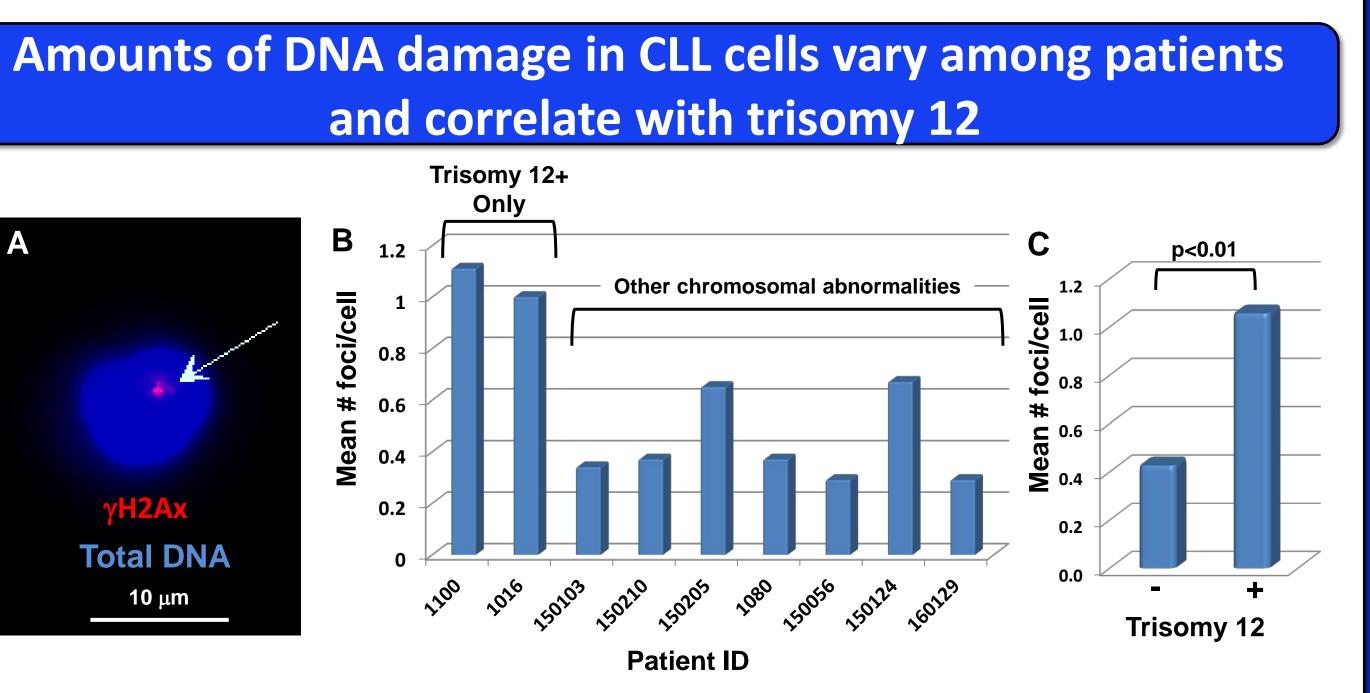
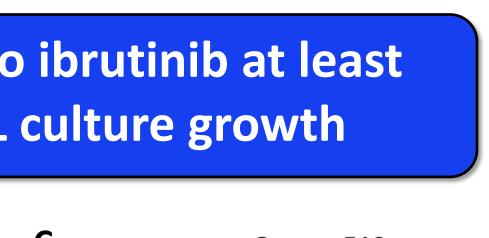
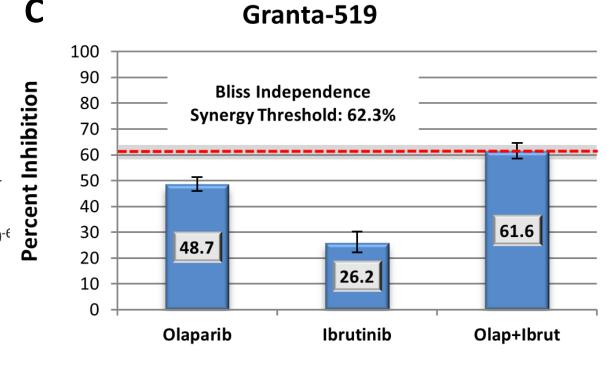
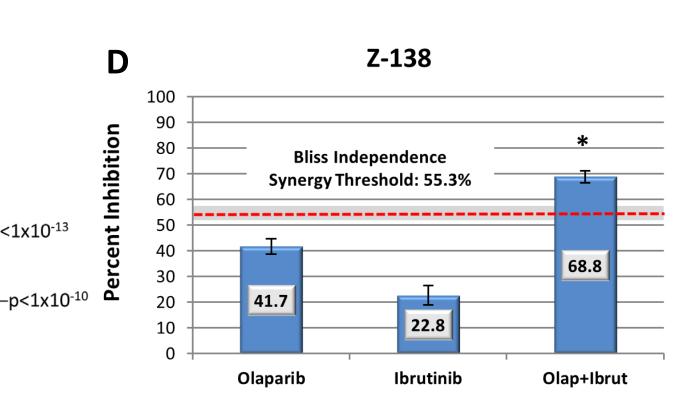


Figure 3: Primary CLL bone marrow cells were cultured in the presence of stimulating agents, IL4 and CD40 ligand (stim, blue) or vehicle control (DMSO, red). Cell concentration was determine by cell counting at the beginning of culture (Day 0) and for 3 subsequent days. Data from triplicate experiments are shown. Error bars represent standard deviations.







each indicated day. (C, D) The Bliss Independence model of additivity indicates an additive effect of the drug combination for Granta-519 and a synergistic effect for Z-138. Error bars and shaded areas indicate 95% confidence intervals of 3 independent experiments and the Bliss Independence threshold, respectively. P-values were derived from Student's t-tests.

