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CORRIGENDUM

The JAK inhibitor AZD1480 regulates proliferation and immunity in Hodgkin lymphoma

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Correction to: *Blood Cancer Journal* (2011) **1,** e46; doi:10.1038/bcj.2011.46; published online 2 December 2011

Since the publication of their article, the authors have identified errors in Figures 2 and 5 owing to errors in figures assembly.

In Figure 2c, the caspase 9 panel of the HDLM2 cell line and L-428 cell line are inadvertently duplicated. Similarly, Figure 5c included duplicate or incorrect panels of donor control blots.

Some panels of the control cell lines in Figure 5c could not be retrieved to revise the original figure. The authors have therefore provided a corrected Figure 2c and are replacing the published Figure 5c with a repeat independent experiment. These are shown here.

These errors have no impact on the results. There is no change in the text or figure legends.

The authors wish to apologise for any inconvenience caused.

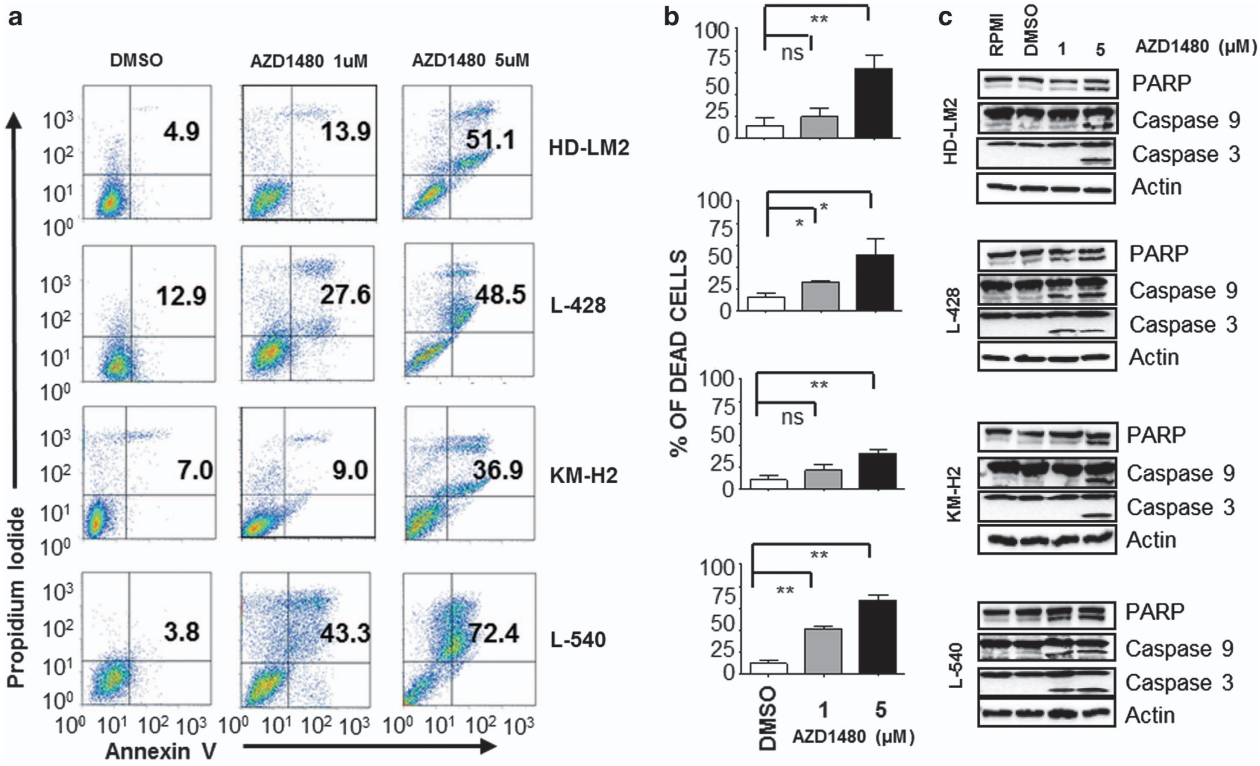

Figure 2. AZD1480 induces apoptosis in HL cell lines. (**a**) Representative experiment demonstrating the effect of two different doses of AZD1480 (1 or 5 μm for 72 h) on apoptosis as determined by annexin V-binding assay. The percentage of dead cells is shown in the upper right quadrant. (**b**) Summary of the results of dual annexin V and propidium iodide (PI) staining. Each value is the mean of three independent experiments performed in triplicate. $*P < 0.05$; $**P < 0.005$; NS, not significant. Error bars represent s.e.m. (**c**) Immunoblotting showing activation of the intrinsic apoptotic pathway in HL cell lines incubated with AZD1480 (1–5 μm) for 72 h. Consistent with the data in (**a**) and (**b**), cleavage of poly (adenosine diphosphate ribose) polymerase (PARP) and activation of caspases 9 and 3 were observed in all the cell lines exposed to 5 μm AZD1480. In L-540 and L-428, caspase cleavage was observed also with 1 μm AZD1480.

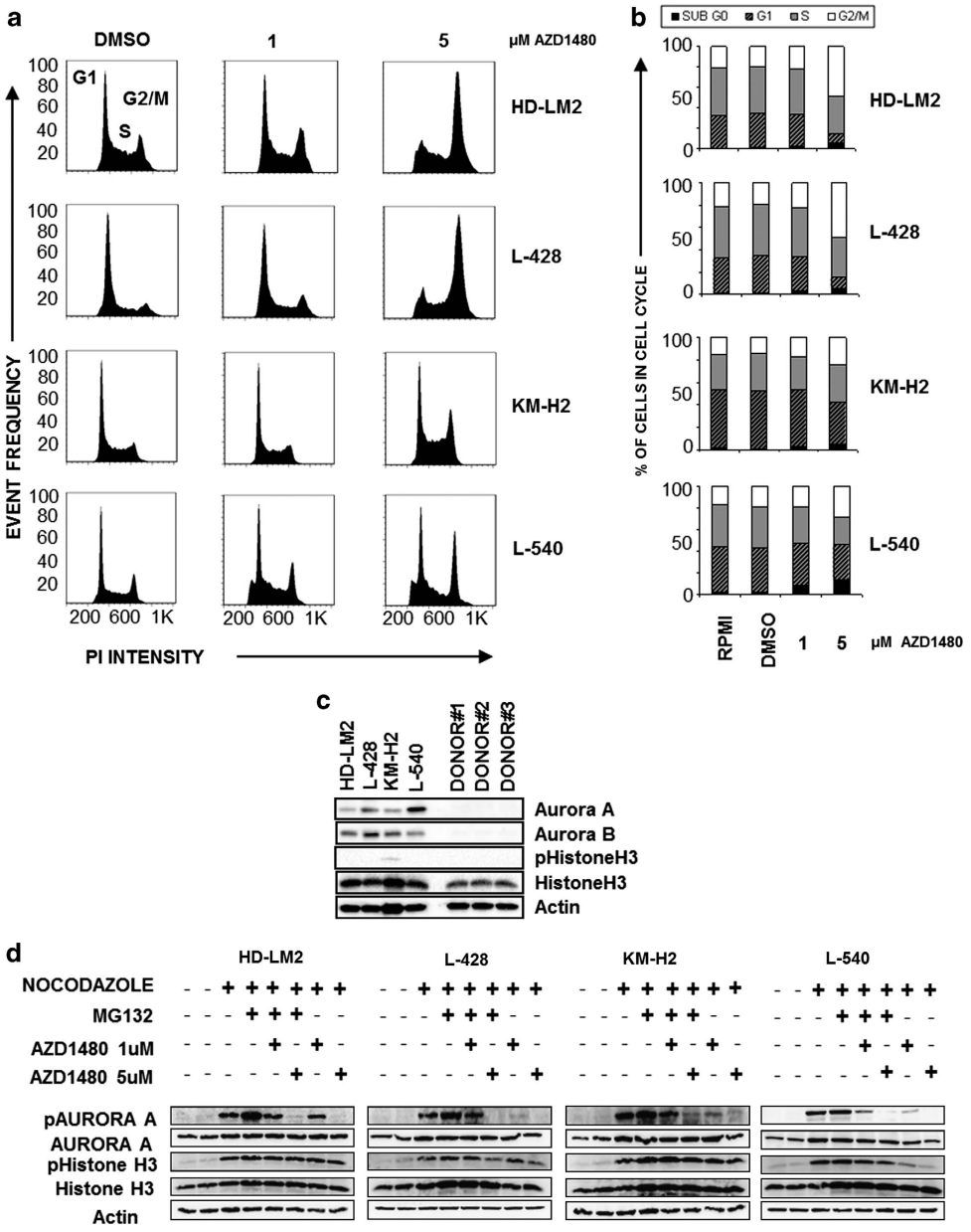

Figure 5. AZD1480 induces G2/M cell cycle arrest by inhibition of Aurora A in HL cell lines. (**a**) Cells were incubated with AZD1480 (1 or 5 μm) for 24 h, and the cell cycle was analyzed by flow cytometry. AZD1480 induced an increase in the G2/M fraction only when a high concentration (5 μm) was used. (**b**) Bar graphs summarizing cell cycle analysis results; each value is the mean of three independent experiments. (**c**) Baseline expression status of Aurora kinases and histone H3 in HL cell lines. Whole-cell lysates of untreated HL cells were examined by western blotting for Aurora A, Aurora B, histone H3 and p-histone H3 (Ser10). (**d**) Representative western blot assay showing the effect of treatment with 1 and 5 μm AZD1480 (with or without MG132 20μm) for 3 h on Aurora A, Aurora B and histone H3 phosphorylation (Ser 10) in HL cells. Cells were pretreated with nocodazole 400 ng/ml for 18 h to achieve a mitotic block.