Corrigendum to: Potential importance of *Maackia amurensis* agglutinin in non-small cell lung cancer

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The concentration of lectins (*Maackia amurensis* agglutinin & *Sambucus nigra* agglutinin) have been erroneously specified in units of μM whereas it should be nm. The corrected units in text and figure appears below.

The apoptotic index of NCI-H460 cells (Figure 3A) and NCI-H520 cells (Figure 3B) was at the maximum at a 4 nm dose of *Maackia amurensis* agglutinin, which was down-regulated at higher doses.

We observed that pre-incubation of the lectin (4 nm) with GM2 (0.78 ng/ml) resulted in a decrease in the apoptotic index by 42% and 39% in NCI-H460 cells and NCI-H520 cells, respectively. The apoptotic index of NCI-H460 and NCI-H520 cells was found to be reduced by 45% and 46% respectively, when the cells were treated with the lectin (4 nm) pre-incubated with IgG_MAA (Figure 4B).
Briefly, the NSCLC cells (5×10^4/500 μl) were cultured in serum-free media in the absence and presence of different doses (0.8–8 nM) of Macckia amurensis agglutinin for 24 h.

Briefly, the cells were cultured in the absence and presence of different doses (0.8–4 nM) of Macckia amurensis agglutinin for 24 h, washed and fixed in 1% paraformaldehyde for 15 min at 4°C.

Figure 3: Apoptosis induced by Maackia amurensis agglutinin (■) and Sambucus nigra agglutinin (□) in NCI-H460 cells. (A) and NCI-H520 cells, (B) at 24 h. The apoptotic index was evaluated by CDD-ELISA. ***p<0.01 vs. cells treated with 0.8 nM of Maackia amurensis agglutinin; **p<0.01 vs. cells treated with 4 nM of Sambucus nigra agglutinin; one way ANOVA Post Hoc Dunnett test. Representative histograms of FACS analysis of Maackia amurensis agglutinin treated (C) NCI-H460 cells and (D) NCI-H520 as evaluated by APO-Direct Kit. Cells only (a, a'), cells cultured in presence of 0.8 nM lectin (b, b'), 1.6 nM lectin (c, c') and 4 nM lectin (d, d'); Inset: Graphical representation of the lectin-induced apoptosis in both the cell lines. **p<0.01 vs. untreated cells. One way ANOVA Post Hoc Dunnett test. Each bar represents mean±SD of values obtained from three independent experiments performed in duplicate.