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Author Correction: Combination of sphingosine-1-phosphate receptor 1 (S1PR1) agonist and antiviral drug: a potential therapy against pathogenic influenza virus

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This Article contains an error in Panel D of Figure 3. The third pathological image (S1PR1 ECKO + Vehicle) is a duplicate of the fourth pathological image (S1PR1 ECKO + CYM-5442), and therefore incorrect. The correct version of Figure 3 is reproduced below.

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Figure 3. Administration of CYM-5442 ameliorates ALI induced by H1N1 virus infection in control mice, but no effect was observed on *S1PR1 ECKO* mice. Control and *S1PR1 ECKO* mice were infected with $10^{5.5}$ TCID $_{50}$ of influenza A virus and treated with either vehicle or CYM-5442. **(A)** Body weight change curves ($n = 20$). The differences between vehicle and CYM-5442-treated control mice were significant ($P < 0.001$). **(B)** Kaplan-Meier survival curves ($n = 20$). Control mice treated with CYM-5442 survived longer than untreated control mice ($P = 0.033$). **(C)** Wet/dry ratios of lungs from infected mice ($n = 6$). **(D)** Representative pathological images of the lungs on day 5 post-infection. Lung injury was significantly less in control mice receiving CYM-5442 with less pulmonary consolidation, exudation in alveolar air space, vascular haemorrhage and inflammatory infiltrates than lung injury in vehicle recipients. Magnification: $200\times$; scale bars, $100\mu\text{m}$. **(E)** Relative average quantification of inflammatory cells in lung tissues on day 5 post-infection ($n = 5$). **(F)** Concentrations of cytokines/chemokines were measured at 48 hours post-infection by ELISA in BALF ($n = 5$). **(G)** Viral loads of 2009 H1N1 in lung tissues on day 3 post-infection ($n = 5$). Using uninfected mice lung RNA as a baseline, equivalent levels of influenza virus RNA occurred in all four groups. * $P < 0.05$, ** $P < 0.01$ and *** $P < 0.001$. These data are representative of three experiments and are shown as the means $\pm$ SEM.

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