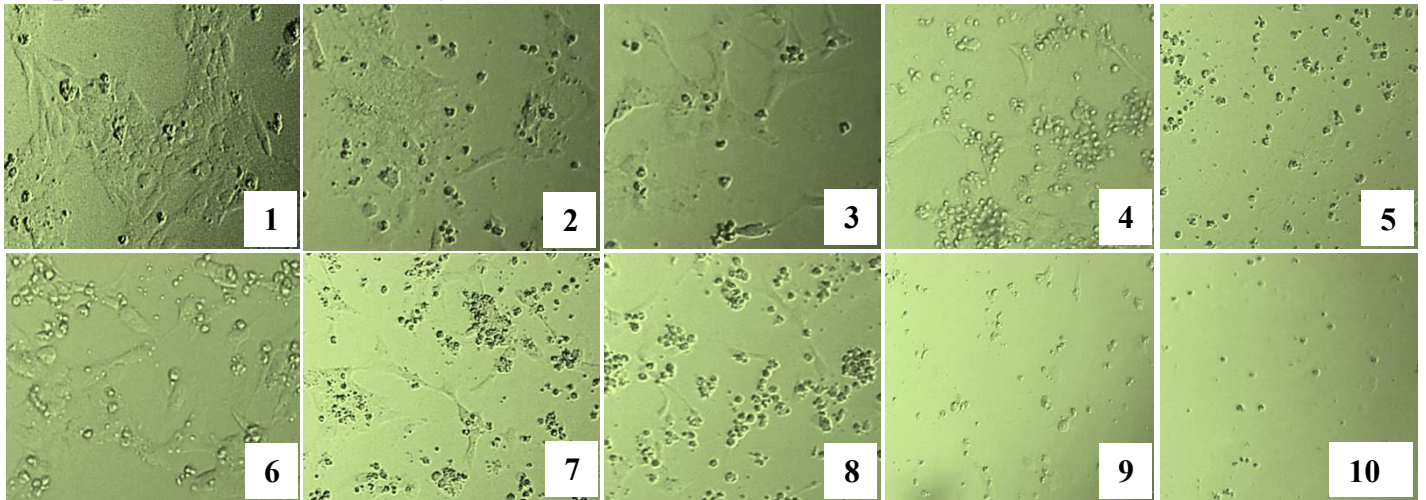


Figure S1. Antibiotic treatment of H9 cells during hepatic and neural differentiation causes cell death. The cells were treated with 0, 10, 25, 50 and 200ug/ml gentamicin (images 1-5 respectively) and 0, 10, 25, 50 and 200ug/ml gentamicin combined with Pen-Strep (100U/ml-100ug/ml) images 6-10 respectively. The cells were imaged in bright-field on day-5 and day-10 of hepatic and neural differentiation respectively.

Hepatic differentiation (Day-5)



Neural differentiation (Day-10)

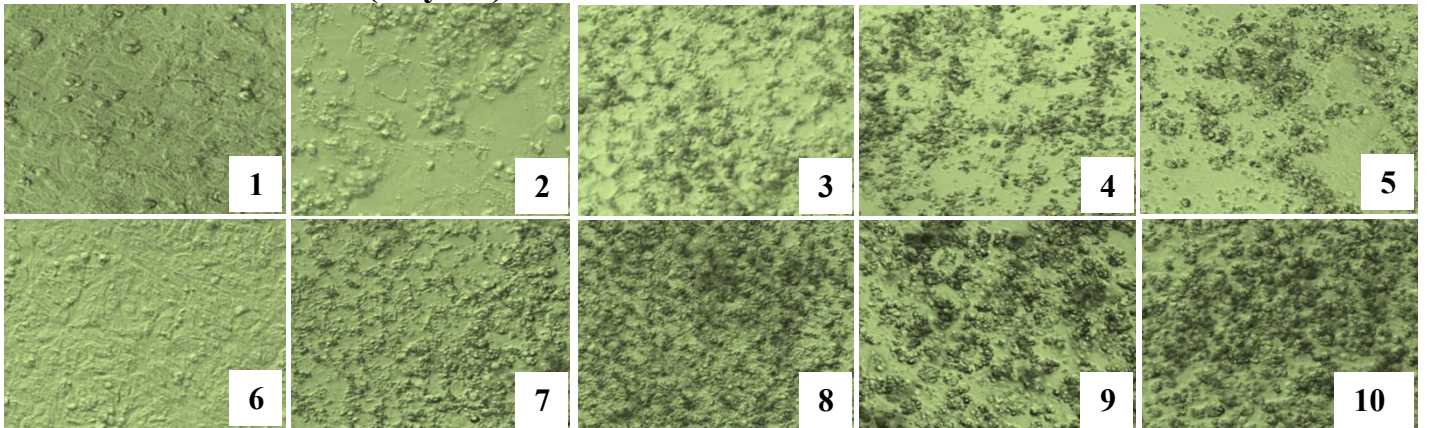


Figure S2. RNA expression analysis of indicated genes from H9 cells differentiated towards neurons. Number of reads from RNA-seq data for indicated genes were retrieved from CORTECON (<http://cortecon.neuralsci.org/>) [13] and were plotted against days post neural induction. The data are represented as mean \pm standard deviation.

